

6. Prehľad vedecko - výskumnej, publikačnej a odbornej činnosti

6.1. Sumárny prehľad publikovaných vedeckých prác, odborných prác

Štatistika kategórií (Záznamov spolu: 116):

- ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)
- ADC Vedecké práce v zahraničných karentovaných časopisoch (13)
- ADD Vedecké práce v domácich karentovaných časopisoch (1)
- ADE Vedecké práce v ostatných zahraničných časopisoch (8)
- ADF Vedecké práce v ostatných domácich časopisoch (1)
- AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (6)
- AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (10)
- AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch (19)
- AFA Publikované pozvané príspevky na zahraničných vedeckých konferenciách (3)
- AFC Publikované príspevky na zahraničných vedeckých konferenciách (9)
- AFD Publikované príspevky na domácich vedeckých konferenciách (17)
- AFE Abstrakty pozvaných príspevkov zo zahraničných konferencií (2)
- AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (12)
- AFH Abstrakty príspevkov z domácich vedeckých konferencií (3)
- AFK Postery zo zahraničných konferencií (2)
- AFL Postery z domácich konferencií (4)
- AGI Správy o vyriešených vedeckovýskumných úlohách (2)
- BDE Odborné práce v zahraničných nekarentovaných časopisoch (1)
- EDJ Prehľadové práce, odborné práce, preklady noriem; odborné preklady v časopisoch, zborníkoch (1)
- GAI Správy (1)

Štatistika ohlasov (281):

- [o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (247)
- [o2] Citácie v domácich publikáciách registrované v citačných indexoch (1)
- [o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (24)
- [o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (9)

6.1.1 PODROBNÝ ROZPIS PUBLIKOVANÝCH VEDECKÝCH PRÁC, ODBORNÝCH PRÁC

ADC Vedecké práce v zahraničných karentovaných časopisoch

- 1 - [2] ADC01 **Foltin, Viktor** - Mačica, Štefan - Kúš, Peter - Foltin, Ján: On the role of twin boundaries in the enhancement of Tc of Y-Ba-Cu-O samples
In: Physica Status Solidi A - Applied Research. - Vol. 140, No. 2 (1993), s. K99-K102
Ohlasy (2)
- 2 - [3] ADC02 **Foltin, Viktor** - Foltin, Martin - Matt, S. - Scheier, Paul - Becker, K. - Deutsch, H. - Märk, Tilman D.: Electron impact ionization of C60 revisited: corrected absolute cross section functions
In: Chemical Physics Letters. - Vol. 289, No. 1-2 (1998), s. 181-188
Ohlasy (32)
- 3 - [4] ADC03 **Foltin, Viktor** - Seidenbusch, W. - Foltin, Ján - Bischof, R - Proyer, S: Oxygen in the possible role of mediator of pairing
In: Physica Status Solidi B. - Vol. 205, No. 2 (1998), s. 603-609
- 4 - [5] ADC04 Fiegele, Thomas - Mason, Nigel J. - **Foltin, Viktor** - Lukáč, Peter - Stamatovič, Aleksandar - Scheier, Paul - Märk, Tilman D.: The energies of the triply excited n=2 intrashell He- resonances 2s22p and 2s2p2 revisited
In: International Journal of Mass Spectrometry. - Vol. 209, No. 1 (2001), s. 23-29
Ohlasy (1)
- 5 - [6] ADC05 Foltinová, Janka - Schrott-Fischer, A. - Žilínek, V. - **Foltin, Viktor** - Freysinger, W.: Is the trachea a marker of the type of environmental pollution?
In: Laryngoscope. - Vol. 112, No. 4 (2002), s. 713-720
Indikátor časopisu:
IF (JCR) 2002=1,384
Ohlasy (9)
- 6 - [7] ADC06 Matejčík, Štefan - **Foltin, Viktor** - Stano, Michal - Skalný, Ján D. : Temperature dependencies in dissociative electron attachment to CCl₄, CCl₂F₂, CHCl₃ and CHBr₃
Lit. 34 záz. n.
In: International Journal of Mass Spectrometry. - Vol. 223-224, No. 1-3 (2003), s. 9-19
Ohlasy (15)
- 7 - [8] ADC07 Stano, Michal - **Foltin, Viktor** - Matejčík, Štefan - Langer, Judith - Gohlke, Sascha - Illenberger, Eugen: A study of dissociative electron attachment to CHBr₃ and CHI₃
Lit. 20 záz. n.
In: Journal of Physics B - Atomic Molecular and Optical Physics. - Vol. 36, No. 3 (2003), s. 443-452
Ohlasy (2)
- 8 - [9] ADC08 **Foltin, Viktor** - Leštinská, Lenka - Machala, Zdenko: Spectroscopic investigations of atmospheric pressure microwave torch nitrogen plasma jet
Lit. 15 záz. n., 12 obr.
In: Czechoslovak Journal of Physics. - Vol. 56, Suppl. B (2006), s. B712-B719
[SPPT 2006 : Symposium on Plasma Physics and Technology. 22nd, Praha, 26.-29.6.2006]
Indikátor časopisu: IF (JCR) 2006=0,568
Ohlasy (5)

- 9 - [10] ADC09** Langer, Judith - Stano, Michal - Gohlke, Sascha - **Foltin, Viktor** - Matejčík, Štefan - Illenberger, Eugen: Reactions in trifluoroacetic acid (CF₃COOH) induced by low energy electron attachment
Lit. 24 zázň., 3 obr.
In: Chemical Physics Letters. - Vol. 419, No. 1-3 (2006), s. 228-232
Ohlasy (13)
- 10 - [11] ADC10** Machala, Zdenko - Janda, Mário - Hensel, Karol - Jedlovský, Igor - Leštinská, Lenka - **Foltin, Viktor** - Martišovítš, Viktor - Morvová, Marcela: Emission spectroscopy of atmospheric pressure plasmas for bio-medical and environmental applications
Lit. 25 zázň.
In: Journal of Molecular Spectroscopy. - Vol. 243, No. 2 (2007), s. 194-201
Indikátor časopisu: IF (JCR) 2007=1,269
Ohlasy (174)
- 11 - [12] ADC11** Leštinská, Lenka - **Foltin, Viktor** - Machala, Zdenko: Atmospheric pressure nitrogen microwave plasma
Lit. 3 zázň., 2 obr.
In: IEEE Transactions on Plasma Science. - Vol. 36, No. 4 (2008), s. 962-963
Indikátor časopisu: IF (JCR) 2008=1,447
Ohlasy (4)
- 12 - [13] ADC12** Mikuš, Oliver - Lukáč, Peter - Morva, Imrich - Morvová, Marcela - **Foltin, Viktor**: The dual mode microwave afterglow apparatus for measuring the electron temperature dependence of the electron-ion recombination
Lit. 47 zázň., 16 obr., 1 tab.
In: Contributions to Plasma Physics. - Vol. 48, No. 4 (2008), s. 311-325
Indikátor časopisu: IF (JCR) 2008=1,25
- 13 - [14] ADC13** Malinovský, Ľudovít - Lukáč, Peter - **Foltin, Viktor** - Morva, Imrich - Morvová, Marcela: On the electron temperature dependence of the dissociative recombination of Ne-2(+) ions with electrons
Lit. 26 zázň.
In: Journal of Physics B - Atomic Molecular and Optical Physics. - Vol. 42, No. 10 (2009), Art. No. 105701 [10 s.]
Indikátor časopisu: IF (JCR) 2009=1,910

ADD Vedecké práce v domácich karentovaných časopisoch

- 14 - [15] ADD01** Foltinová, Janka - Reichrtová, E. - **Foltin, Viktor**: Using of X-ray microanalysis in biologic monitoring of environmental pollution
In: Ekológia ČSSR. - Roč. 7, č. 4 (1988), s. 439-443

ADE Vedecké práce v ostatných zahraničných časopisoch

- 15 - [16] ADE01** Foltinová, Janka - **Foltin, Viktor** - Šimera, Michal - Morvová, Marcela - Neu, Eva: Lead in placenta-hazardous prognosis for postnatal development of the child
Lit. 20 zázň., 3 obr.
In: International Journal of Prenatal and Perinatal Psychology and Medicine. - Vol. 18, No. 1-4 (2006), s. 19-26
- 16 - [17] ADE02** Foltinová, Janka - **Foltin, Viktor** - Neu, Eva: Occurrence of lead in placenta-important information for prenatal and postnatal development of child
Lit. 43 zázň., 5 obr.
In: Neuroendocrinology Letters. - Vol. 28, No. 4 (2007), s. 335-340
Indikátor časopisu: IF (JCR) 2007=1,443
Ohlasy (11)

- 17 - [18] ADE03 Foltinová, Janka - **Foltin, Viktor** - Morvová, Marcela - Neu, Eva - Šimera, Michal: Placenta and umbilical cord blood deserve attention
Lit. 35 záz. n.
In: Neuroendocrinology Letters. - Vol. 31, No. 1 (2010), s. 47-55
Indikátor časopisu: IF (JCR) 2010=1,621
Ohlasy (2)
- 18 - [19] ADE04 **Foltin, Viktor** - Foltinová, Janka - Neu, Eva - Morvová, Marcela - Lettrichová, Ivana: Placenta - organ important for fetus and interesting for the rise of the Attention Deficit Hyperactivity Disorder Syndrome - interdisciplinary study
Lit. 19 záz. n.
In: Neuroendocrinology Letters. - Vol. 32, No. 1 (2011), s. 44-50
Indikátor časopisu: IF (JCR) 2011=1,296
Ohlasy (3)
- 19 - [20] ADE05 **Foltin, Viktor** - Rajzinger, Ján: Natural gas hydrate inhibition using metastable states between competing clathrate phases. In: The Holistic Approach to Environment. ISSN 1848-0071. - Vol. 4, No. 2 (2014), s. 57-64
- 20 - [21] ADE06 **Foltin, Viktor** - Rajzinger, Ján: Drive towards environmentally friendly inhibitors for natural gas hydrate formation prevention. - ISSN 1848-0071. - Vol. 4, No. 4 (2014), s. 145-151
- 21 - [22] ADE07 **Foltin, Viktor** - Schrott-Fischer, A - Žilínek, V. - Freysinger, W.
Irradiation as a hazard for mucociliary clearance
In: Neuroendocrinology Letters. - Vol. 37, No. 3 (2016), s. 217-225
Indikátor časopisu: IF (JCR) 2016=0,918
- 22 - [23] ADE08 Meciaková Michaela - **Foltin, Viktor** - Krčméry, Vladimír - Olah, Michael - Ridoško, Ján - Gaziková, Elena - Cauda, Roberto
Health emergencies during flights (Case reports and Mini-review)
In: Clinical Social Work and Health Intervention - Vol. 8, No. 3 (2017), s. 54-57

ADF Vedecké práce v ostatných domácich časopisoch

- 23 - [24] ADF01 RISOVÁ, Vanda - Foltinová, Janka - **Foltin, Viktor** - Morvová, Marcela: Interdisciplinary contribution to the study of placenta
Lit. 15 záz. n., 3 obr.
In: Slovenská antropológia : bulletin Slovenskej antropologickej spoločnosti pri SAV. Roč.8, č.1 (2005), s. 178-181
Ohlasy (1)

AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch

- 24 - [41] AEG01 **Foltin, Viktor** - Seidenbusch, Walter - Foltinová, Janka: New approach to investigation of the particle deposition in lung : Biophysical study
In: Journal of Aerosol Medicine. - Vol. 8, No. 1 (1995) , s. 110
- 25 - [42] AEG02 **Foltin, Viktor** - Seidenbusch, Walter - Foltinová, Janka: Evaluation of the effect of variously polluted environment on the respiratory system by biophysical methods
In: Progress in Biophysics & Molecular Biology. - Vol. 65, Suppl. 1 (1996), s. 209
[International Biophysics Congress. 12th, Amsterdam, 11.-16.8.1996]

- 26 - [43] AEG03 Foltinová, Janka - Seidenbusch, Walter - **Foltin, Viktor**: Effect of polluted environment on the mucociliary clearance in the respiratory system : Interdisciplinary study
In: Allergy. - Vol. 51, No. 30 (1996), s. 62
- 27 - [44] AEG04 Michailov, M. - Neu, Eva - Seidenbusch, Walter - Gormanns, R. - Bischof, R. - **Foltin, Viktor**: Thermo-induced changes in the electrical activity of myocytes
In: Progress in Biophysics & Molecular Biology. - Vol. 65, Suppl. 1 (1996), s. 205
[International Biophysics Congress. 12th, Amsterdam, 11.-16.8.1996]
- 28 - [45] AEG05 Foltinová, Janka - Schrott-Fischer, A. - **Foltin, Viktor** - Neu, E. - Žilínek, V. - Freysinger, W.: Dependence of the structure of cells on the changes of environment : Interdisciplinary study
In: Epidemiology. - Vol. 13, No. 4 (2002), s. 948
- 29 - [46] AEG06 Foltinová, Janka - Schrott-Fischer, A. - Neu, Eva - Žilínek, V. - **Foltin, Viktor** - Freysinger, W.: Is picture of mucocilliary clearence after irradiation important for patient's prognosis ?
In: Journal of Allergy and Clinical Immunology. - Vol. 111, No. 2 (2003), s. S331
- 30 - [47] AEG07 Foltinová, Janka - Schrott-Fischer, A. - Žilínek, V. - Freysinger, W. - **Foltin, Viktor**: Irradiation as a hazard for mucociliary clearance
In: Journal of Allergy and Clinical Immunology. - Vol. 113, No. 2, Suppl. (2004), s. 1125
[AAAAI : Annual Meeting. 60th, San Francisco, 19.-23.3.2004]
- 31 - [48] AEG08 Michailov, C. - Neu, Eva - **Foltin, Viktor** - Gormanns, R. - Seidenbusch, Walter - Welscher, U.: Complex cardiovascular reactions effects of drugs (anaesthetic and MEG) and X-irradiation on blood pressure, vasomotor and electrical activity(myocytes)
In: Fundamental & Clinical Pharmacology. - Vol. 18, Suppl. 1 (2004), s. 109
[Congress of the Federation of the European Pharmacological Societies. 4th, Porto, 17.-19.7.2004]
[Serotonin Satellite Meeting. Porto, 17.-19.7.2004]
Ohlasy (1)
- 32 - [49] AEG09 Michailov, Michael C. - Neu, E. - **Foltin, Viktor** - Broers, D. - Seidenbusch, Walter: Electrical and motor oscillations of vesical detrusor and trigone
Lit. 2 zázn.
In: European Biophysics Journal with Biophysics Letters. - Vol. 34, No. 6 (2005), s. 765
[International Biophysics Congress IUPAB. 15th, Montpellier, 27.8.-1.9.2005]
[International Biophysics Congress EBSA. 5th, Montpellier, 27.8.-1.9.2005]
- 33 - [50] AEG10 Michailov, M. - Neu, Eva - Martin, Daniéle - Gornik, E. - **Foltin, Viktor** - Ernst, G. - Staehler, G.: On physiological fundamentals of vesical dysfunction
In: Urology. - Vol. 68, Suppl. 5A (2006), s. 78-79
[Congress of the Société Internationale d'Urologie. 28th, Cape Town, 12.-16.11.2006]
- 34 - [51] AEG11 Martin, Daniéle - Gornik, E. - **Foltin, Viktor** - Seidenbusch, Walter - Michailov, Michael C. - Neu, Eva: K-influence on motor and electrical vesical oscillations: stretchdependent channels
Popis urobený 11.9.2007
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), S. 91, Art. No. PF18-147
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
- 35 - [52] AEG12 Neu, Eva - Martin, Daniéle - **Foltin, Viktor** - Gornik, Erich - Seidenbusch, Walter - Michailov, Michael C.: Influence of Ba on electrical and motor vesical activity
In: European Biophysics Journal with Biophysics Letters. - Vol. 36, Suppl. 1 (2007), s. S151
[EBSA European Biophysics Congress 2007, British Biophysical Society Congress 2007. London, 14.-18.7.2007]
Ohlasy (1)

- 36 - [53] AEG13 Welcher, U. - **Foltin, Viktor** - Wirth, M. - Neu, E. - Michailov, Michael C. - Seidenbusch, Walter: Ca-dependence of stretch-activated vesical channels
 Popis urobený 11.9.2007
 In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), S. 52, Art. No. OF24-95
 [Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
- 37 - [54] AEG14 Foltinová, Janka - **Foltin, Viktor** - Neu, Eva: Calcium and lipids assisted transport of lead in placenta
 In: Placenta. - Vol. 30, Iss. 9 (2009), s. A84
 [IFPA Meeting. Adelaide, 6.-9.10.2009]
- 38 - [55] AEG15 Michailov, M.C. – Neu, E. - Senn, T. -Moro, N. - Ivanova, I. – **Foltin, Viktor.** – Welscher,U. - Ivanova, S. - Foltinova, J. - Lutge, C. – Weber, G.: Philosophy and psychology in an integrative toxicology
 In: Toxicology Letters 258S (2016) S188
- 39 - [56] AEG16 Neu, E. - Michailov, M.C.- Senn, T. – Moro, N. – Oppl, H. Danler – Ivanova, I - **Foltin, Viktor** - Welscher, U.- Bornhausen, M. - Martin, D.- Gornik, E.- Hohlbrugger, G. - Madersbacher, H. - Schratz, M. - Weber, G.: On education and research in context of integrative toxicology (I): Summary of systematic investigations (2016–1970)
 In: Toxicology Letters 258S (2016) S304
- 40 - [57] AEG17 Neu, E - Michailov, M.Ch - **Foltin, Viktor** - Senn, T. - Welscher, U. - Foltinová, J - Graw, J - Hofstetter, A - Hohlbrugger, G - Madersbacher, H - Weissenbacher, ER - Weiss, DG: On importance of pathophysiology for an integrative toxicology
 In: Toxicology Letters, Vol 280, Suppl 1, 20 October 2017, page S305
- 41 - [58] AEG18 Neu, E - Michailov, MC - Welscher, U - Ernst, G - Senn, T - Lutge, C - Ivanova, I - von Brockdorff, MLG - Hofstetter, A - Weissenbacher, ER - Foltinova, J - **Foltin, Viktor** - Schratz, M - Weber, G: On moral and political philosophy of pathology in context of UNO-Agenda 21
 In: Virchows Archiv, Meeting Abstract: PS-20-003, Pages: S245-S245, Suppl: 1 Publ: SEP 2017
- 42 - [59] AEG19 Michailov, MC- Neu, E - Wilkowski, R - Ernst, G - Welscher, U - Bauer, HW - **Foltin, Viktor** - Foltinova, J - Hofstetter, A - Weber, G: On integrative pathology on example of radiogenic urinary bladder (UB)
 In: Virchows Archiv, Meeting Abstract: PS-25-101, Pages: S284-S285 , Suppl: 1 Publ: SEP 2017

AFA Publikované pozvané príspevky na zahraničných vedeckých konferenciách

- 43 - [60] AFA01 Matejčík, Štefan - **Foltin, Viktor** - Stano, Michal: Temperature dependencies in dissociative electron attachment to SF6, CCl4, CCl2F2 and CHCl3
 Lit. 17 záz. n.
 In: Physics of Plasmas and Ionized Media, Part II. - Prague : Charles University, 2001. - S. 323-331
 [WDS 2001 : Week of Doctoral Students : Annual Conference of Doctoral Students. 10th, Prague, 12.-15.6.2001]
- 44 - [61] AFA02 Ipolyi, Imre - **Foltin, Viktor** - Stano, Michal - Matejčík, Štefan : Temperature dependencies in dissociative electron attachment to chloro-bromo methanes
 Lit. 6 záz. n.
 In: 13th Symposium on Atomic and Surface Physics and Related Topics : Contributions. - Innsbruck : Universität, 2002. - S. 33-36 [SASP 2002 : Symposium on Atomic and Surface Physics and Related Topics. 13th, Going/Kitzbühel, 17.-23.2.2002]
- 45 - [62] AFA03 Michailov, Michael C. - Schratz, Michael - Seidenbusch, Walter - **Foltin, Viktor** - Martin, Danièle - Molnár, Stephen - Weber, Germain: Informatics in context of projects of ICSD
 Lit. 19 záz. n.

AFC Publikované příspěvky na zahraničních vědeckých konferencích

- 46 - [63] AFC01** Welscher, U. - Michailov, Michael C. - Seidenbusch, Walter - Weiss, D. G. - Magour, Samir - Neu, E. - Danler-Oppl, H. - **Foltin, Viktor** - Gornik, E.: Implications of vasomotor reactions for a combined oncotherapy including IORT : III. Oncell-physiological mechanisms in oncotherapy
Lit. 11 záz. n.
In: Intraoperative Radiation Therapy in the Treatment of Cancer. - Basel : Karger, 1997. - S. 32-35. - ISBN 3-8055-6456-2 [International IORT Symposium. 6th, San Francisco, 22.-25.9.1996]
[San Francisco Cancer Symposium. 31st, San Francisco, 22.-25.9.1996]
- 47 - [64] AFC02** Matt, S. - Muigg, Daniela - Denifl, Günter - Senn, Gilbert - Sonderegger, M. - Fiegele, Thomas - David, R. - **Foltin, Viktor** - Grill, V. - Scheier, Paul - Deutsch, H. - Becker, K. - Stamatovič, Aleksandar - Märk, Tilman D.: Electron ionization cross sections for atoms, molecules and molecular ions relevant to fusion edge plasmas: Experiment and theory
Lit. 12 záz. n.
In: 1998 International Congress on Plasma Physics Combined with 25th European Physical Society Conference on Controlled Fusion and Plasma Physics : Contributed Papers [elektronický zdroj]. - Mulhouse : European Physical Society, 1998. - S. 137-140 [CDROM]
[ICPP 1998 : International Congress on Plasma Physics. Praha, 29.6.-3.7.1998]
[Controlled Fusion and Plasma Physics 1998 : European Physical Society Conference. 25th, Praha, 29.6.-3.7.1998]
- 48 - [65] AFC03** Mikoviny, Tomáš - Holubčík, Lubomír - **Foltin, Viktor** - Matejčík, Štefan] - Jasinski, M. - Skalný, Ján D.: Dissociation of carbon dioxide in negative corona discharge: Simple kinetic model
Lit. 17 záz. n.
In: HAKONE VII : Contributed Papers, Vol. 2. - Greifswald : Ernst-Moritz-Arndt-Universität, 2000. - S. 272-276. - ISBN 3-00-006603-9 [HAKONE 2000 : International Symposium on High Pressure Low Temperature Plasma Chemistry. 7th, Greifswald, 10.-13.9.2000]
- 49 - [66] AFC04** Ipolyi, Imre - Vašeková, Eva - **Foltin, Viktor** - Matejčík, Štefan: Crossed beam studies of electron attachment reactions to halomolecules
In: Physics of Plasmas and Ionized Media, Part II. - Prague : Charles University, 2001. - S. 332-335
[WDS 2001 : Week of Doctoral Students : Annual Conference of Doctoral Students. 10th, Prague, 12.-15.6.2001]
- 50 - [67] AFC05** Matejčík, Štefan - Ipolyi, Imre - Stano, Michal - **Foltin, Viktor**: Gas temperature effects in dissociative electron attachment to the molecules studied in a crossed beam experiment
Lit. 5 záz. n.
In: Joint Conference ESCAMPIG 16-ICRP 5 : Conference Proceedings, Vol. 2. - Grenoble : Joseph Fourier University, 2002. - S. 13-14
[ESCAMPIG 2002 : Europhysics Conference on Atomic and Molecular Physics of Ionized Gases. 16th, Grenoble, 14.-18.7.2002], [ICRP 2002 : Joint International Conference on Reactive Plasma. 5th, Grenoble, 14.-18.7.2002]
- 51 - [68] AFC06** **Foltin, Viktor**: Pulsed laser systems in the spectroscopy of species in the gas phase
Lit. 5 záz. n.
In: Moderní trendy ve fyzice plazmatu a pevných látek II. - Brno : Masarykova univerzita, 2006. - S. 17-23. - ISBN 80-210-4195-1 [Moderní trendy ve fyzice plazmatu a pevných látek 2006 : seminář. 2., Hustopeče, 19.10.2006]
- 52 - [69] AFC07** Machala, Zdenko - Jedlovský, Igor - Hensel, Karol - Martišovitéš, Viktor - **Foltin, Viktor**: Biological effects of DC discharges in atmospheric air with water
Lit. 9 záz. n., 6 obr.
In: HAKONE X : Contributed Papers. - Saga : Saga University, 2006. - S. 277-283 [HAKONE 2006 : International Symposium on High Pressure Low Temperature Plasma Chemistry. 10th, Saga, 4.-8.9.2006]
Ohlasy (1)

53 - [70] AFC08 Machala, Zdenko - Janda, Mário - Leštinská, Lenka - Jedlovský, Igor - **Foltin, Viktor** - Hensel, Karol: Optical emission spectroscopy of atmospheric pressure plasma for biomedical, environmental, and industrial applications
Lit. 5 záz. n.
In: Moderní trendy ve fyzice plazmatu a pevných látek II. - Brno : Masarykova univerzita, 2006. - S. 72-76. - ISBN 80-210-4195-1
[Moderní trendy ve fyzice plazmatu a pevných látek 2006 : seminář. 2., Hustopeče, 19.10.2006]

54 - [71] AFC09 Leštinská, Lenka - **Foltin, Viktor** - Zahoran, Miroslav - Machala, Zdenko: Spatial characteristics and application of atmospheric pressure microwave nitrogen plasma torch
Recenzované
Lit. 4 záz. n.
In: 16th Annual Conference of Doctoral Students WDS '07, Part 2 : Physics of Plasmas and Ionized Media. - Praha : Matfyzpress, 2007. - S. 139-144. - ISBN 978-80-7378-024-1
[WDS 2007 : Week of Doctoral Students : Annual Conference of Doctoral Students. 16th, Praha, 5.-8.6.2007]

AFD Publikované příspěvky na domácích vědeckých konferencích

55 - [72] AFD01 Fiegele, Thomas - Stano, Michal - Feketeová, Linda - Mikovíny, Tomáš - Skalný, Ján D. - **Foltin, Viktor** - Lukáč, Peter: High resolution electron ionization study of atoms molecules and clusters: appearance energies
In: Symposium on Application of Plasma Processes. - Bratislava : Comenius University, 2001. - S. 85-86. - ISBN 80-223-1573-7
[SAPP 2001 : Symposium on Application of Plasma Processes. 13th, Tále, 15.-21.1.2001]

56 - [73] AFD02 Stano, Michal - **Foltin, Viktor** - Ipolyi, Imre - Matejčík, Štefan: Dissociative electron attachment study to chlorinated halocarbons
In: Symposium on Application of Plasma Processes. - Bratislava : Comenius University, 2001. - S. 140-141. - ISBN 80-223-1573-7
[SAPP 2001 : Symposium on Application of Plasma Processes. 13th, Tále, 15.-21.1.2001]

57 - [74] AFD03 **Foltin, Viktor** - Cingel, Michal - Matejčík, Štefan - Cicman, Peter - Scheier, Paul - Lukáč, Peter - Märk, Tilman D.: Two crossed beam apparatuses for study of electron attachment reactions: Running project "Systematic investigation about the energetics involved in electron attachment (EA) to a series of halohydrocarbons"
Lit. 8 záz. n.
In: 1st International Conference on Global Research and Education: Inter-Academia 2002. - Bratislava : Comenius University, 2002. - S. 198-201. - ISBN 80-968253-6-4
[Inter-Academia 2002 : Global Research and Education : International Conference. 1st, Bratislava, 23.-26.9.2002]

58 - [75] AFD04 Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Zlatoš, Jozef - Neu, Eva: Placenta as a biomarker of polluted environment
Lit. 5 záz. n.
In: Zborník prác venovaných 80. narodeninám prof. MUDr. G. Čierneho, DrSc. - Bratislava : Asklepios, 2004. - S. 30-32. - ISBN 80-7167-071-5
[Slávnostný seminár venovaný 80. narodeninám prof. MUDr. G. Čierneho, DrSc. Bratislava, 22.1.2004]
Ohlasy (2)

59 - [76] AFD05 **Foltin, Viktor** - Lukáč, Peter : Determining the dynamics of CH₂O-CH₄ complex interaction
Lit. 3 záz. n.
In: 15th Symposium on Applications of Plasma Processes and 3rd EU-Japan Joint Symposium on Plasma Processing. - Bratislava : Comenius University Press, 2005. - S. 155-156. - ISBN 80-223-2018-8
[SAPP 2005 : Symposium on Applications of Plasma Processes. 15th, Podbanské, 15.-20.1.2005]
[EU-Japan JSPP 2005 : EU-Japan Joint Symposium on Plasma Processing. 3rd, Podbanské, 15.-20.1.2005]

- 60 - [77] AFD06 Foltin, Viktor** - Morvová, Marcela - Rísová, Vanda - Foltinová, Janka: Interdisciplinárny pohľad na kumuláciu olova v placentе = Interdisciplinary view on the cumulation of lead in placenta
Lit. 6 zázň.
In: Príspevok k výskumu štruktúr organizmu. - Bratislava : Slovenská biologická spoločnosť SAV, 2005. - S. 11-13. - ISBN 80-969225-1-3
[Príspevok k výskumu štruktúr organizmu : morfológický seminár venovaný 70. narodeninám prof. MUDr. Jozefa Zlatoša, DrSc. Bratislava, 19.5.2005]
- 61 - [78] AFD07 Lukáč, Peter - Foltin, Viktor** - Morva, Imrich : Model of the dissociative recombination of Ne²⁺ ions based on the statistical "phase-space theory"
Lit. 8 zázň.
In: 15th Symposium on Applications of Plasma Processes and 3rd EU-Japan Joint Symposium on Plasma Processing. - Bratislava : Comenius University Press, 2005. - S. 205-206. - ISBN 80-223-2018-8
[SAPP 2005 : Symposium on Applications of Plasma Processes. 15th, Podbanské, 15.-20.1.2005]
[EU-Japan JSPP 2005 : EU-Japan Joint Symposium on Plasma Processing. 3rd, Podbanské, 15.-20.1.2005]
- 62 - [79] AFD08 Foltin, Viktor** - Martišoviš, Viktor - Grolmusová, Zuzana - Rossi, Luciano - Macko, Peter - Lukáč, Peter - Veis, Pavel: New pulsed microwave afterglow system-test with Hg-Ar plasma
Lit. 18 zázň.
In: The 3rd Seminar on New Trends in Plasma Physics and Solid State Physics. - Bratislava : Knižničnэ a edičnэ centrum FMFI UK, 2007. - S. 25-29. - ISBN 978-80-89186-24-2
[New Trends in Plasma Physics and Solid State Physics 2007 : Seminar. 3rd, Bratislava, 4.10.2007]
- 63 - [80] AFD09 Leštinská, Lenka - Foltin, Viktor** - Zahoran, Miroslav - Machala, Zdenko: Application of atmospheric microwave nitrogen plasma torch for carbon treatment
Lit. 2 zázň.
In: The 3rd Seminar on New Trends in Plasma Physics and Solid State Physics. - Bratislava : Knižničnэ a edičnэ centrum FMFI UK, 2007. - S. 79-81. - ISBN 978-80-89186-24-2
[New Trends in Plasma Physics and Solid State Physics 2007 : Seminar. 3rd, Bratislava, 4.10.2007]
- 64 - [81] AFD10 Leštinská, Lenka - Foltin, Viktor** - Martišoviš, Viktor - Machala, Zdenko: Spatial distribution of imission spectra of microwave torch plasma in atmospheric nitrogen
Lit. 4 zázň.
In: The 3rd Seminar on New Trends in Plasma Physics and Solid State Physics. - Bratislava : Knižničnэ a edičnэ centrum FMFI UK, 2007. - S. 74-78. - ISBN 978-80-89186-24-2
[New Trends in Plasma Physics and Solid State Physics 2007 : Seminar. 3rd, Bratislava, 4.10.2007]
- 65 - [82] AFD11 Foltin, Viktor** - Rajzinger, Ján: Natural gas hydrates - challenge and opportunity. In: 32. stretnutie katedier Mechaniky tekutín a termomechaniky : zborník príspevkov. Tatranská Lomnica, 25.-28. 6. 2013. - Žilina: EDIS, 2013. - ISBN 978-80-554-0715-9. - S. 45-48
- 66 - [83] AFD12 Foltin, Viktor** - Rajzinger, Ján - Juriga, Martin - Gužela, Štefan: Nové zdroje zemného plynu: bridlicový plyn a zemný plyn viazaný v hydrátoch. In: Vykurovanie 2013 : Zborník prednášok z 21. medzinárodnej konferencie na tému "Energetické, environmentálne a ekonomické aspekty pri prevádzke vykurovacích systémov". Ľubovnianske kúpele, SR, 4.-8.3.2012. - Bratislava : SSTP, 2013. - ISBN 978-80-89216-53-6. - S. 73-76
- 67 - [84] AFD13 Foltin, Viktor** - Rajzinger, Ján: Proposal of a novel natural gas hydrate inhibition method using metastable states between competing clathrate phases. In: Energetické premeny v priemysle = Energy transformations in industry : 13. medzinárodná vedecká konferencia. Račkova dolina /SR/, 25.-27. 9. 2013. - Košice : Technická univerzita v Košiciach, 2013. - ISBN 978-80-553-1476-1. - S. 34-36
- 68 - [85] AFD14 Foltin, Viktor** - Rajzinger, Ján: Search for environmentally friendly natural gas hydrate formation inhibitors. In: Energetické premeny v priemysle = Energy transformations in industry : 13. medzinárodná vedecká

konferencia. Račkova dolina /SR/, 25.-27. 9. 2013. - Košice : Technická univerzita v Košiciach, 2013. - ISBN 978-80-553-1476-1. - S. 37-39

69 - [86] AFD15 **Foltin, Viktor** - Rajzinger, Ján - Ridzoň, František: Structural view to natural gas hydrates. In: The application of experimental and numerical methods in fluid mechanics and energetics 2014 : proceedings of the international conference. Liptovský Ján, Slovakia, 9-11 April, 2014. - Žilina : University of Žilina, 2014. - ISBN 978-80-554-0855-2. - S. 39-44

70 - [87] AFD16 **Foltin, Viktor** - Neu, E: Effects of long term human exposure to pollution and radiation studied at microscopic level
In: Abstracts and presented papers, Twenty-Eight - World Congress of SVU, The World in a Time of Change; Czechoslovak Society of Arts and Sciences, INC P.O.Box 34617, Bethesda, MD 20827, USA, ISSN 0036-2050, (2016) 11.

71 - [88] AFD17 **Foltin, Viktor**: **Natural gas hydrates – a promising fuel of the future**
In: Abstracts and presented papers, Twenty-Eight - World Congress of SVU, The World in a Time of Change; Czechoslovak Society of Arts and Sciences, INC P.O.Box 34617, Bethesda, MD 20827, USA, ISSN 0036-2050, (2016) 11–12.

AFE Abstrakty pozvaných príspevkov zo zahraničných konferencií

72 - [89] AFE01 Märk, Tilman D. - **Foltin, Viktor** - Kim, Y.-K: Recommended electron impact ionization cross sections for molecules
Príspevok bol prednesený na dvoch konferenciách
Lit. 3 záz. In: 1998 International Congress on Plasma Physics Combined with 25th European Physical Society Conference on Controlled Fusion and Plasma Physics : Abstracts of Invited and Contributed Papers, Part I. - Praha : European Physical Society, 1998. - S. 169
[ICPP 1998 : International Congress on Plasma Physics. Praha, 29.6.-3.7.1998]
[Controlled Fusion and Plasma Physics 1998 : European Physical Society Conference. 25th, Praha, 29.6.-3.7.1998]
[Electron-Molecule-Collision Data for Modelling and Simulation of Plasma Processing 1998. Lyon, 21.-24.9.1998]
POZNÁMKA:
Vyšlo aj - Electron-Molecule-Collision Data for Modelling and Simulation of Plasma Processing. - Lyon : CECAM, 1998. - [nestr.]

73 - [90] AFE02 Mikovíny, Tomáš - Holubčík, Ľubomír - Matejčík, Štefan - **Foltin, Viktor** - Skalný, Ján D.: Simple kinetic model of CO₂ dissociation in negative corona discharge
Lit. 4 záz. In: POSTER 2000 : Book of Extended Abstracts. - Prague : CTU, 2000. - S. NS 16
[POSTER 2000 : International Student Conference on Electrical Engineering. 4th, Prague, 25.5.2000]

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií

74 - [91] AFG01 Foltinová, Janka - Seidenbusch, Walter - **Foltin, Viktor**: Consequences of various industrial pollutants in the air on tracheal relief and lung lavages : Morpho-physical study
In: Monaldi Archives for Chest Disease. - Vol. 50, No. 1 (1995), s. 87
[Lungs at Home : Meeting of the International Respiratory Care Club. 1st, Freiburg, 23.-25.3.1995]

75 - [92] AFG02 Michailov, Michael C. - Welscher, U. - Magour, Samir - Neu, E. - Bischof, R. - **Foltin, Viktor** - Foltinová, Janka: Photo-radiosensitization of excitable tissue
In: 12th International Congress of Photobiology. - Vienna: [s.n.], 1996. - S. 307
[ICP 1996 : International Congress of Photobiology. 12th, Vienna, 1.-6.9.1996]

- 76 - [93] **AFG03** Foltinová, Janka - Neu, Eva - Seidenbusch, Walter - **Foltin, Viktor** - Michailov, M.: Mucociliary clearance of the respiratory tract in the environment of metallic aerosols : Interdisciplinary study
In: Relationships Between Respiratory Disease and Exposure to Air Pollution. - Hannover : Hannover Medical School, 1997. - S. 65 [Relationships Between Respiratory Disease and Exposure to Air Pollution : International Inhalation Symposium. 6th, Hannover, 24.-28.2.1997]
- 77 - [94] **AFG04** **Foltin, Viktor** - Foltinová, Janka - Seidenbusch, Walter - Neu, Eva: Effect of industrial aerosols on the organism-Interdisciplinary study
In: Umweltmedizin in Forschung und Praxis. - Vol. 3, No. 4 (1998), s. 240
[ISEM Jahrestagung. 2., Giessen, 28.-30.8.1998]
- 78 - [95] **AFG05** Tarnovský, V. - Kurunzi, P. - Becker, K. - Deutsch, H. - Foltin, Martin - **Foltin, Viktor** - Matt, S. - Scheier, Paul - Märk, Tilman D. [UKOEXFM]: Absolute cross sections for the formation of C60+ ions by electron impact on C60
Lit. 9 záz. n.
In: The sixth European Conference on Atomic & Molecular Physics : Book of Abstracts. - Sienna : University, 1998. - S. 9 [ECAMP 1998 : European Conference on Atomic & Molecular Physics. 6th, Siena, 16.-18.7.1998]
- 79 - [96] **AFG06** Foltinová, Janka - **Foltin, Viktor** - Neu, Eva - Seidenbusch, Walter - Žilínek, V.: Effect of environment on the macrophages in the respiratory system
In: Macrophage Biology-Keystone Symposia. - Colorado : [s.n.], 1999. - S. 53
[Macrophage Biology : Keystone Symposia. Colorado, 22.-28.1.1999]
- 80 - [97] **AFG07** Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Neu, Eva: Placenta, umbilical blood and polluted environment
In: International Congress on Environmental Health. - Hanover : Medical School, 2000. - S. 80
[Environmental Health : International Congress. Hanover, 1.-4.10.2000]
[Annual Meeting of the International Society of Environmental Medicine. 4th, Hanover, 1.-4.10.2000]
Ohlasy (2)
- 81 - [98] **AFG08** Foltinová, Janka - Neu, Eva - Seidenbusch, Walter - **Foltin, Viktor**: Respiratory system as a marker of character of pollution of the environment : Interdisciplinary study
In: Sborník lékařský. - Vol. 102, No. 2 (2001), s. 311
[Sjezd České anatomické společnosti s mezinárodní účastí. 39., Praha, 10.-12.9.2000]
POZNÁMKA:
Vyšlo aj - Abstrakta z 39. sjezdu České anatomické společnosti s mezinárodní účastí. - Praha : [s.n.], 2000. - S. 5
- 82 - [99] **AFG09** Foltinová, Janka - Schrott-Fischer, A. - Žilínek, V. - Bystrianská, S. - Neu, Eva - Freysinger, W. - **Foltin, Viktor**: Irradiation with 6 Gy and mucociliary clearance-A qualitative morphological study
In: GHU/ISEM 2001 : Programme and Abstracts. - [Neuherberg] : GSF-National Research Center for Environment and Health, 2001. - S. A 26
[Conference of the Gesellschaft für Hygiene und Umweltmedizin. 9th, Garmisch-Partenkirchen, 6.-8.9.2001]
[Conference of the International Society of Environmental Medicine. 5th, Garmisch-Partenkirchen, 6.-8.9.2001]
[Week on Environmental and Genetic Influences on Human Health : Conference. Garmisch-Partenkirchen, 2.-8.9.2001]
- 83 - [100] **AFG10** **Foltin, Viktor** - Bernstein, Elliot R.: Fluorescence excitation studies of the CH3O* radical interactions with CH4 and H2O
In: High Resolution Molecular Spectroscopy : Book of Abstracts of the 18th International Conference. - Praha : ICT Press, 2004. - S. 159. - ISBN 80-7080-547-1
[HRMS International Conference 2004 : High Resolution Molecular Spectroscopy : International Conference. 18th, Prague, 8.-12.9.2004]

84 - [101] AFG11 Neu, Eva - Michailov, Michael C. - Haerlin, Ulrich - **Foltin, Viktor** - Magour, Samir:
Pathophysiological vesical reactions on xenobiotics
In: Chinese Journal of Pathophysiology. - Vol. 22, No. 13, Suppl. (2006), s. 228
[International Congress of Pathophysiology. 5th, Beijing, 28.6.-1.7.2006]

85 - [102] AFG12 Neu, Eva - Michailov, Michael C. - **Foltin, Viktor** - Seidenbusch, Walter - Milbradt, Joachim - Stiglmayr, Jakob - Foltinová, Janka: On chemo-toxicology: Pathophysiological reactions on toxicants
In: Toxicology Letters. - Vol. 211, Suppl. (2012), s. S169
[Congress of the European Societies of Toxicology. 48th, Stockholm, 17.-20.6.2012]

AFH Abstrakty príspevkov z domácich vedeckých konferencií

86 - [103] AFH01 Foltinová, Janka - **Foltin, Viktor** - Zlatoš, Jozef : Rádioterapia v morfológickom obraze
In: Chirurgické ochorenia tenkého čreva. - Trnava : [s.n.], 2000. - S. [1]
[Chirurgický deň. 4., Dolná Krupá, 2.6.2000]

87 - [104] AFH02 Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Neu, Eva - Šimera, Michal - Lettrichová, Ivana: Lead-dangerous metal for the developing fetus. Interdisciplinary study
In: Morphology 2007. - Bratislava : Slovak Anatomical Society, 2007. - S. 39. - ISBN 978-80-89305-01-8
[International Congress of Slovak Anatomical Society 2007. 41st, Bratislava, 9.-12.9.2007]
[Lojda Symposium on Histochemistry. 44th, Bratislava, 9.-12.9.2007]
POZNÁMKA: Vyšlo aj - Acta Histochemica. - Vol. 111, No. 5 (2009), s. 433

88 - [105] AFH03 Morvová, Marcela - Kunecová, Daniela - **Foltin, Viktor** - Foltinová, Janka: Occurrence of arsenic and lead compounds in umbilical blood
Popis urobený 11.9.2007
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), S. 83, Art. No. PTh14-116
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]

AFK Postery zo zahraničných konferencií

89 - [106] AFK01 Machala, Zdenko - Leštinská, Lenka - Jedlovský, Igor - Janda, Mário - Hensel, Karol - Morvová, Marcela - Martišoviš, Viktor - **Foltin, Viktor** - Laux, Christophe O.: Emission spectroscopy-essential diagnostics tool of atmospheric pressure plasmas for environmental, bio-medical and industrial applications
Lit. 3 záz. n.
In: High Resolution Molecular Spectroscopy.- Praha: Vydavatelství VŠCHT, 2006. - S. 271. - ISBN 80-7080-612-5
[HRMS International Conference 2006 : High Resolution Molecular Spectroscopy : International Conference. 19th, Prague, 29.8.-2.9.2006]

90 - [107] AFK02 Michailov, Michael C. - Welscher, Ursula - Neu, Eva - **Foltin, Viktor** - Seidenbusch, Walter:
Integrative Angio-Radiology in UNO-Agenda 21
Popis urobený 27.4.2010
In: ICCR 2007 Documents [elektronický zdroj]. - [S.l.] : International Association for Radiation Research, 2007. - S. 76 [online]
[ICRR 2007 : International Congress of Radiation Research. 37th, San Francisco, 7.-8.7.2007]

AFL Postery z domácich konferencií

91 - [108] AFL01 Foltinová, Janka - Haraslinová, Viera - Schrott-Fischer, A. - **Foltin, Viktor** - Žilínek, V. - Freysinger, W. - Kolmannová, Hedviga: Prínos mikroskopickéj techniky v štúdiu mukociliárneho očisťovania
In: Laboratórna diagnostika nových a často sa vyskytujúcich ochorení. - Modra-Harmónia : SPAM, 2001. - S. [1]
[Laboratórna diagnostika nových a často sa vyskytujúcich ochorení. Modra-Harmónia, 14.-15.6.2001]

- 92 - [109] AFL02** Földes, Tomáš - Čermák, Peter - Macko, Martin - **Foltin, Viktor** - Veis, Pavel - Macko, Peter: Cavity ring-down spectroscopy of singlet oxygen generated in microwave plasma
Lit. 3 zázň., 2 obr.
In: SAPP : 16th Symposium on Application of Plasma Processes. - Bratislava : FMFI UK, 2007. - S. 161-162. - ISBN 978-80-89186-13-6
[SAPP 2007 : Symposium on Applications of Plasma Processes. 16th, Podbanské, 20.-21.1.2007]
[Research of Plasma Physics and Applications in Visegrad Countries 2007 : Workshop. Podbanské, 22.-25.1.2007]
- 93 - [110] AFL03** Leštinská, Lenka - **Foltin, Viktor** - Zahoran, Miroslav - Machala, Zdenko: Carbon beneficiation in atmospheric pressure microwave plasma
Lit. 2 zázň., 5 obr.
In: SAPP : 16th Symposium on Application of Plasma Processes. - Bratislava : FMFI UK, 2007. - S. 215-216. - ISBN 978-80-89186-13-6
[SAPP 2007 : Symposium on Applications of Plasma Processes. 16th, Podbanské, 20.-21.1.2007]
[Research of Plasma Physics and Applications in Visegrad Countries 2007 : Workshop. Podbanské, 22.-25.1.2007]
- 94 - [111] AFL04** Šimera, Michal - **Foltin, Viktor** - Morvová, Marcela - Neu, Eva - Foltinová, Janka: Interdisciplinary proof of lead in placenta - contribution for diagnostic practice
Lit. 13 zázň., 3 obr.
In: 3rd Slovak Biophysical Symposium. - Bratislava : FMFI UK, 2008. - S. 62-64. - ISBN 978-80-89186-31-0
[Slovak Biophysical Symposium 2008. 3rd, Bratislava, 18.-20.4.2008]

AGI Správy o vyriešených vedeckovýskumných úlohách

- 95 - [112] AGI01** - Machala, Zdenko - Hensel, Karol - Morvová, Marcela - Lukáč, Peter - Hajossy, Rudolf - **Foltin, Viktor** - Košinár, Ivan - Zahoran, Miroslav - Martišovitš, Viktor - Janda, Mário - Fógelová, Blanka - Jedlovský, Igor: Štúdium fyzikálnych vlastností jednosmerných elektrických výbojov pri atmosférickom tlaku nad vodnou hladinou a testovanie ich plazmochemických a biologických účinkov : Záverečná správa za celú dobu riešenie projektu. - Bratislava : [s.n.], 2008. - 166 s.
- 96 - [113] AGI02** - **Foltin, Viktor** - Macko, Peter - Morvová, Marcela - Jaroševič, Andrej - Kiliánová, Anna - Šimera, Michal - Lukáč, Peter: Štúdium dynamiky akínety reakcií v zhášanej plazme medzi dlho žijúcimi aktívnymi stavmi tranzientných molekúl a excitovaných radikálov vyskytujúcich sa v Dieselových motoroch a atmosférických procesoch. - Bratislava : [s.n.], 2009. - 12 s.

BDE Odborné práce v zahraničných nekarentovaných časopisoch

- 97 - [114] BDE01** - **Foltin, Viktor** - Rajzinger, Ján: Zemní plyn väzaný v hydrátech jako nový zdroj energie. In: TZB Haustechnik. - ISSN 1803-4802. - Roč. 6, č. 3 (2013), s. 44-46

EDJ Prehľadové práce, odborné práce, preklady noriem; odborné preklady v časopisoch, zborníkoch

- 98 - [115] EDJ01** Veis, Pavel - Macko, Peter - **Foltin, Viktor** - Jašík, Juraj - Varga, Juraj - Kötelesová, Z. - Krištof, Jaroslav - Guláš, Michal - Földes, Tomáš - Kyliánová, A. - Čermák, Peter: Optická spektroskopía plynov a plazmy
In: Československý časopis pro fyziku. - Sv. 55, č. 6 (2005), s. 509-510

GAI Správy

- 99 - [116] GAI01** - Machala, Zdenko - Hensel, Karol - Morvová, Marcela - Lukáč, Peter - Hajossy, Rudolf - **Foltin, Viktor** - Košinár, Ivan - Zahoran, Miroslav - Martišovitš, Viktor - Janda, Mário - Fógelová, Blanka - Jedlovský, Igor: Štúdium fyzikálnych vlastností jednosmerných elektrických výbojov pri atmosférickom tlaku nad vodnou hladinou a testovanie ich plazmochemických a biologických účinkov : Hodnotiaca správa projektu VEGA 1/2013/05. - Bratislava : [s.n.], 2006. - 86 s.

6.1.2. Listing monografií, kapitol v monografiách a kvalifikačných prác

Vysokoškolské učebnice - ACB:

- 1 - [1] ACB01 **Foltin, Viktor**: „Základy biológie pre zdravotnícke odbory – časť 1. Bunka a životné prostredie“
VŠ ZaSP sv. Alžbety, Bratislava, 1-145
Samostatný autor, 6 AH

Kapitoly v monografiách – AEC, AED:

□ Kapitoly v zahraničných recenzovaných vedeckých zborníkoch, monografiách

- 2 - [25] AEC01 Foltinová, Janka - Neu, Eva - Seidenbusch, Walter - **Foltin, Viktor** - Michailov, M.:
Metallic aerosols of the environment affecting the mucociliary clearance
Lit. 8 záz. n.
In: Relationships Between Respiratory Disease and Exposure to Air Pollution / Edit. U. Mohr.
ILSI Monographs, Washington: ILSI Press, 1998. - S. 325-328 - ISBN 1-57881-015-9
Spoluautor 0,45 AH podiel: 50%
- 3 - [26] AEC02 Foltinová, Janka - Neu, Eva - **Foltin, Viktor** - Seidenbusch, Walter - Reichrtová, E.:
Trachea from the polluted environment
Lit. 10 záz. n.
In: Relationship between acute and chronic effects of air pollution / Edit. U. Heinrich, U. Mohr.
ILSI Monographs, Washington: ILSI, 2000. - S. 362-365. - ISBN 1-57881-116-3
Spoluautor 0,45 AH podiel: 60%
- 4 - [27] AEC03 Foltinová, Janka - Neu, Eva - **Foltin, Viktor** - Seidenbusch, Walter - Žilínek, V.:
Effect of irradiation on the microscopic structure of certain tissues
Lit. 7 záz. n.
In: Relationship between acute and chronic effects of air pollution / Edit. U. Heinrich, U. Mohr.
ILSI Monographs, Washington: ILSI, 2000. - S. 367-372. - ISBN 1-57881-116-3
Spoluautor 0,5 AH podiel: 50%
- 5 - [28] AEC04 Foltinová, Janka - Schrott-Fischer, Annelies - **Foltin, Viktor** - Zlatoš, Jozef - Freysinger, Wolfgang:
Curshmann spirals, asthma bronchiale and the environment
Lit. 9 záz. n.,
In: Crucial Issues in Inhalation Research-Mechanistic, Clinical and Epidemiologic. - Hannover:
INIS Monographs, Fraunhofer IRB Verlag, 2002. - S. 185-190. - ISBN 3-8167-6176-3
Spoluautor 0,5 AH podiel: 50%
- 6 - [29] AEC05 **Foltin, Viktor**:
Lead – a key risk factor in development of ADHD.
In: IMCO Abstract Book, Babela R, Mrázová M, Czarnecki P, Tománek P (ed) Warsaw Management University
Publishing House Prof. Leszka J. Krzyżanowskiego, Poland, Warsaw, (2016) 84–85.
Samostatný autor 0,1 AH
- 7 - [30] AEC06 Hajj Ali, P - Mikolasova, G. - Kafkova, J. - Stanova, A. - Cervenkova, M. - Krcmery, V.- **Foltin, V.** -
Jackulikova, M. - Hajdenova, Z.- Peciar, A. - Babikova, B.- Trilisinckaja, J.- Trilinskij, V.- Gallova, A.- Laca, P.-
Mlinarcik, P.- Zacharova, E.- Belovicova, M.- Bartosovic, I. - Bryndzak, P.- Kmit, I.- Kovac, R.- Komlosi, M.-
Mulama, C.- Simonek, T.- Bibza, M. - Dudova, Z.- Dorko, D.- Durcova, B.- Galbava, A. - Herdics, G.- Hajdenova,
Z. - Bucko, L.- Palenikova, M.- Jancovic, M.- Rusnak, T.- Janovicova, L.- Zoller, K.- Slezáková, S. - Nogeová, A.-

Kováč, R.- Poloňová, J.- Radi, F.- Bundzelová, K.- Kukušková, E. - Arpová, A - Libová, L. - Matejová, A. - Sramkova, M.:

Meeting report: Emerging 10 problems in Tropical Infectious Diseases in Society Minutes of ID Week 2017

In: Nursing Public Health and Social Work Meeting Summary / Edit. Adriana Noge, Peri Haj Ali,

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Spoluautor 0,5 AH

□ Kapitoly v domácich recenzovaných vedeckých zborníkoch, monografiách

- 8 - [31] AED01 **Foltin, Viktor** - Stano, Michal - Lukáč, Peter - Matejčík, Štefan:
New crossed electron-molecule apparatus, electron attachment studies to SF₆, CCl₄, CCl₂F₂, CHCl₃ and CHBr₃
Lit. 22 záz. n.
In: Acta Physica Universitatis Comenianae-New Series, Vol. 42, No. 1&2. - Bratislava : Comenius University Press, 2001. - S. 53-62. - ISBN 80-223-1684-9
Prvý autor 0,7 AH, podiel 50%
- 9 - [32] AED02 Foltinová, Janka - **Foltin, Viktor** - Zlatoš, Jozef :
Rádioterapia v morfológickom obraze orgánov
Lit. 1 záz. n.
In: Patológia tenkého čreva. - Trnava : Trnavská Univerzita, 2002. - S. 84
- 10 - [33] AED03 Foltin, Martin - Lukáč, Peter - Morva, Imrich - **Foltin, Viktor**:
Model of the dissociative recombination of molecular ions based on the statistical "phase-space theory"
Lit. 10 záz. n., 8 obr.
In: Acta Physica Universitatis Comenianae-New Series, Vol. 44-45, No. 1&2. - Bratislava : Comenius University Press, 2004. - S. 37-45. - ISBN 80-223-2034-X
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- 11 - [34] AED04 **Foltin, Viktor**:
Supersonic expansion and LIF-fluorescence excitation study of the CH₃O radical and selected CH₃O based clusters
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In: Acta Physica Universitatis Comenianae-New Series, Vol. 44-45, No. 1&2. - Bratislava : Comenius University Press, 2004. - S. 53-60. - ISBN 80-223-2034-X
Samostatný autor 0,6 AH
- 12 - [35] AED05 Foltinová, Janka - Schrott-Fischer, Annelies - **Foltin, Viktor** - Žilínek, Viliam - Freysinger, Wolfgang:
Consequences of irradiation on the mucociliary clearance in lungs
Venované nedožitém narodeninám prof. MUDr. Ivana Staneka, DrSc
Lit. 21 záz. n.
In: Polák, Š. - Pospíšilová, V. - Varga, I. (Eds.) : Morfológia v súčasnosti. - Bratislava : Univerzita Komenského, 2006. - S. 152-156. - ISBN 80-223-2029-3
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- 13 - [36] AED06 **Foltin, Viktor**:
Studies of structure and growth of metal oxide clusters in gas phase
Lit. 13 záz. n.
In: Acta Physica Universitatis Comenianae-New Series, Vol. 46-47, No. 1&2 (2005-2006). - Bratislava : Comenius University Press, [2007]. - S. 39-51. - ISBN 978-80-223-2328-4
Samostatný autor 1 AH

- 14 - [37] AED07 Földes, Tomáš - **Foltin, Viktor** - Čermák, Peter - Veis, Pavel - Lukáč, Peter - Macko, Peter:
Cavity Ring-Down Spectrometer-new highly sensitive detection technique at Comenius University in Bratislava
Lit. 21 záz., 10 obr.
In: Acta Physica Universitatis Comenianae-New Series, Vol. 46-47, No. 1&2 (2005-2006). - Bratislava : Comenius University Press, [2007]. - S. 53-64. - ISBN 978-80-223-2328-4
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- 15 - [38] AED08 **Foltin, Viktor** - Jašík, Juraj - Varga, Juraj - Čermák, Peter - Macko, Peter - Veis, Pavel:
Study of N₂ plasma generated by RF discharge. Nitrogen-first negative and second positive system investigation
Lit. 22 záz., 4 obr.
In: Acta Physica Universitatis Comenianae-New Series, Vol. 46-47, No. 1&2 (2005-2006). - Bratislava : Comenius University Press, [2007]. - S. 65-72. - ISBN 978-80-223-2328-4
Spoluautor 0,7 AH, podiel 45%
- 16 - [39] AED09 Šimera, Michal - **Foltin, Viktor** - Lettrichová, Ivana - Grolmusová, Zuzana - Morvová, Marcela - Neu, Eva - Foltinová, Janka:
Výsledky interdisciplinárneho výskumu olova v placentе indikujú hyperkinetický syndróm u detí
Lit. 10 záz.
In: Aktuality súčasného biomedicínskeho výskumu I. - Bratislava : Asklepios, 2007. - S. 101-105. - ISBN 978-80-7167-120-6
Spoluautor 0,7 AH, podiel 45%
- 17 - [40] AED10 **Foltin, Viktor**:
The decisive role of physics in interdisciplinary research.
In: Scientific Proceedings Faculty of Mechanical Engineering STU Bratislava. - ISSN 1338-1954. - Vol. 20/2012. - Bratislava : Nakladateľstvo STU, 2012, s. 59-64,
Samostatný autor 0,5 AH

Kvalifikačné práce, monografie:

1. Viktor Foltin:
Diplomová práca: Produkcia a meranie nestabilnej fázy tenkej vrstvy Y-Ba-Cu-O so zvýšenou hodnotou T_c
Univerzita Komenského Bratislava. Rok 1993
2. Viktor Foltin
Thesis in Physics: Investigation of transport and optical properties of YBCO thin films
Leopold-Franzens Universität, Innsbruck. Rok 1997
3. Viktor Foltin
Bakalárska práca: Súčasný trendy formácie rodiny vo svete s možnou aplikáciou na Slovensko
Katolícka Univerzita v Ružomberku. Rok 2008
4. Viktor Foltin
Diplomová práca: katolícky model na sprevádzanie rodín cez finančnú krízu
Katolícka Univerzita v Ružomberku. Rok 2010
5. Viktor Foltin
Habilitačná práca: Životné prostredie a zdravie – kroky k poznaniu
VŠZaSP sv. Alžbety v Bratislave. Rok 2017

6.2 PREHLAD CITÁCIÍ A OHLASOV NA VEDECKÉ PRÁCE

Štatistika ohlasov (281):

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6.2.1 Rozpis citácií a ohlasov na vedecké práce

Syntax zápisu citovanosti: XYZ názov kategórie práce
 [číslo] XYZ = práca číslo zo zoznamu prác
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 Rozpis ohlasov

ADC Vedecké práce v zahraničných karentovaných časopisoch

[1]ADC01 **Foltin, Viktor** - Mačica, Štefan - Kúš, Peter - Foltin, Ján: On the role of twin boundaries in the enhancement of T_c of Y-Ba-Cu-O samples
In: Physica Status Solidi A - Applied Research. - Vol. 140, No. 2 (1993), s. K99-K102

Ohlasy (2):

[o1] 1995 Saiko, A. P. - Gusakov, V. E.: On a hypothetical explanation of a temperature hysteresis of the superconducting transition critical point. In: Fizika Nizkih Temperatur, Vol. 21, No. 11, 1995, s. 1178-1180 - SCI

[o1] 1996 Saiko, A. P. - Gusakov, V. E.: An explanation of the pressure dependence of T_c in HTS cuprates with different oxygen nonstoichiometry indexes. In: Fizika Nizkih Temperatur, Vol. 22, No. 7, 1996, s. 748-751 - SCI

[2] ADC02 **Foltin, Viktor** - Foltin, Martin - Matt, S. - Scheier, Paul - Becker, K. - Deutsch, H. - Märk, Tilman D.: Electron impact ionization of C₆₀ revisited: corrected absolute cross section functions
In: Chemical Physics Letters. - Vol. 289, No. 1-2 (1998), s. 181-188

Ohlasy (32):

[o1] 1999 Berkowitz, J.: Sum rules and the photoabsorption cross sections of C-60. In: Journal of Chemical Physics, Vol. 111, No. 4, 1999, s. 1446-1453 - SCI ; SCOPUS

[o1] 1999 Boltalina, O. V. - Gigli, G.: Mass spectrometry and thermodynamics of fullerenes. In: Recent Advances in the Chemistry and Physics of Fullerenes and Related Material, Vol 7 : Electrochemical Society Series, Vol. 99, No. 12. Pennington : Electrochemical Society, 1999, S. 451-452 - CPCI-S

[o1] 1999 Gigli, G.: Vapor pressure measurements on fullerenes and fluorofullerenes. In: Recent Advances in the Chemistry and Physics of Fullerenes and Related Material, Vol 7 : Electrochemical Society Series, Vol. 99, No. 12. Pennington : Electrochemical Society, 1999, S. 472-483 - CPCI-S

[o1] 1999 Keller, S. - Engel, E.: Quantum theory of fast electron impact ionization of C-60: Application of the spherical jellium model. In: Chemical Physics Letters, Vol. 299, No. 2, 1999, s. 165-170 - SCI ; SCOPUS

[o1] 2000 Campbell E. E. B. - Levine, R. D.: Delayed ionization and fragmentation en route to thermionic emission: Statistics and dynamics. In: Annual Review of Physical Chemistry, Vol. 51, 2000, s. 65-98 - SCI ; SCOPUS

[o1] 2000 Lifshitz, C.: C-2 binding energy in C-60. In: International Journal of Mass Spectrometry, Vol. 198, No. 1-2, 2000, s. 1-14 - SCI ; SCOPUS

[o1] 2000 Lifshitz, C.: Carbon clusters. In: International Journal of Mass Spectrometry, Vol. 200, No. 1-3, 2000, s. 423-442 - SCI ; SCOPUS

- [o1] 2000 Martin, S. - Chen, L. - Denis, A. - Bredy, R. - Bernard, J. - Desesquelles, J.: Excitation and fragmentation of C-60(r+) (r=3-9) in Xe30+-C-60 collisions. In: Physical Review A, Vol. 62, No. 2, 2000, Art. No. 022707 - SCI ; SCOPUS
- [o1] 2001 Kidun, O. - Berakdar, J.: Manifestation of charge-density fluctuations in metal clusters: Suppression of the ionization channel. In: Physical Review Letters, Vol. 87, No. 26, 2001, p. Art. No. 263401 - CPCI-S ; SCOPUS
- [o1] 2001 Kidun, O. - Berakdar, J.: On the role of screening in metallic clusters. In: Many-Particle Spectroscopy of Atoms, Molecules, Clusters and Surfaces. New York : Kluwer Academic/Plenum Publishing, 2001, S. 395-403 - SCI
- [o1] 2001 Nakai, Y.: Production of heavy fragment ions in collisions of C-60 with fast ions. In: Photonic, Electronic and Atomic Collisions. Princeton : Rinton Press, 2001, S. 665-674 - SCI
- [o1] 2001 Nakai, Y. - Kambara, T. - Itoh, A. - Tsuchida, H. - Yamazaki, Y.: Production of singly charged fullerenelike fragment ions in a fast He2+-C-60 collision. In: Physical Review A, Vol. 64, No. 4, 2001, Art. No. 043205 - SCI ; SCOPUS
- [o1] 2002 Kidun, O. - Berakdar, J.: Correlation effects in the (e, 2e) process on C-60. In: Physics of the Solid State, Vol. 44, No. 3, 2002, s. 596-597 - SCI ; SCOPUS
- [o1] 2002 Kidun, O. - Berakdar, J.: Excitation spectra of free fullerene clusters. In: Surface Science, Vol. 507, 2002, s. 662-665 - SCI ; SCOPUS
- [o1] 2003 Kidun, O. - Berakdar, J.: On the role of particle-hole excitations in large molecules and metal clusters on the ionization channel. In: Correlation and Polarization in Photonic, Electronic, and Atomic Collisions : AIP Conference Proceedings, Vol. 697, 2003, S. 95-101 - SCI
- [o1] 2004 Kidun, O. - Fominykh, N. - Berakdar, J.: Multi-electron emission from fullerenes upon a single photon absorption. In: Journal of Physics B-Atomic Molecular and Optical Physics, Vol. 37, No. 17, 2004, s. L321-L328 - SCI ; SCOPUS
- [o1] 2005 Hertel, I. V. - Laarmann, T. - Schulz, C. P.: Ultrafast excitation, ionization, and fragmentation of C60. In: Advances in Atomic, Molecular and Optical Physics, Vol. 50, 2005, s. 219-286 - SCOPUS
- [o1] 2005 Kidun, O. - Fominykh, N. - Berakdar, J.: Signature of electronic correlation in multi-electron emission from C-60. In: Chemical Physics Letters, Vol. 410, No. 4-6, 2005, s. 293-297 - SCI ; SCOPUS
- [o1] 2006 Hansen, K. - Campbell, E. E. B. - Echt, O.: The frequency factor in statistical fullerene decay. In: Journal of Mass Spectrometry, Vol. 252, No. 2, 2006, s. 79-95 - SCI ; SCOPUS
- [o1] 2006 Kidun, O. - Berakdar, J.: Mapping the electron-electron interaction in gas phase C-60. In: Philosophical Magazine, Vol. 86, No. 17-18, 2006, s. 2529-2536 - SCI ; SCOPUS
- [o1] 2006 Shchatsinin, I. - Laarmann, T. - Stibenz, G. - Steinmeyer, G. - Stalmashonak, A. - Zhavoronkov, N. - Schulz, C. P. - Hertel, I. V.: C-60 in intense short pulse laser fields down to 9 fs: Excitation on time scales below e-e and e-phonon coupling. In: Journal of Chemical Physics, Vol. 125, No. 19, 2006, Art. No. 194320 - SCI ; SCOPUS
- [o1] 2007 Oohara, W. - Kuwabara, Y. - Hatakeyama, R.: Collective mode properties in a paired fullerene-ion plasma. In: Physical Review E, Vol. 75, No. 5, Part 2, 2007, Art. No. 056403 - SCI ; SCOPUS
- [o1] 2007 Schulz, C. P. - Burnus, T. - Castro, A. - Gross, E. K. U. - Heidenreich, A. - Hertel, I. V. - Jortner, J. - Laarmann, T. - Last, I. - Levis, R. J. - Marques, M. A. L. - Romanov, D. A. - Saenz, A.: Molecules and clusters in strong laser fields. In: Analysis and Control of Ultrafast Photoinduced Reactions : Springer Series in Chemical Physics, Vol. 87. Berlin : Springer, 2007, S. 485-617 - BKCI-S ; SCOPUS
- [o1] 2008 Laarmann, T. - Schulz, C. P. - Hertel, I. V.: Excitation, fragmentation and control of large finite systems: C 60 in moderately strong laser fields. In: Progress in Ultrafast Intense Laser Science III : Springer Series in Chemical Physics, Vol. 89. Berlin : Springer, 2008, S. 129-148 - BKCI-S ; SCOPUS
- [o1] 2008 Martin, S. - Chen, L. - Salmoun, A. - Li, B. - Bernard, J. - Bredy, R.: Fragmentation patterns of multicharged C-60(r+) (r=3-5) studied with well-controlled internal excitation energy. In: Physical Review A, Vol. 77, No. 4, 2008, Art. No. 043201 - SCI ; SCOPUS
- [o1] 2009 Baltenkov, A. S. - Dolmatov, V. K. - Manson, S. T. - Msezane, A. Z.: Fast charged-particle impact ionization of endohedral atoms. In: Physical Review A, Vol. 79, No. 4, 2009, Art. No. 043201 - SCI ; SCOPUS

- [o1] 2009 Kumar, N. - Pal, S.: Evaluation of direct ionization cross sections for C60 by electron interaction. In: 14th International Conference on Physics of Highly Charged Ions :Journal of Physics Conference Series, Vol. 163. Brissstol : IOPPublishing, 2009, Art. No. 012029 - CPCI-S ; SCOPUS
- [o1] 2012 Niitsu, N. - Kikuchi, M. - Ikeda, H. - Yamazaki, K. - Kanno, M. - Kono, H. - Mitsuke, K. - Toda, M. - Nakai, K.: Nanosecond simulations of the dynamics of C 60 excited by intense near-infrared laser pulses: Impulsive Ramanexcitation, rearrangement, and fragmentation. In: Journal of Chemical Physics, Vol. 136, No. 16, 2012, Art. No. 164304 - SCI ; SCOPUS
- [o3] 2012 Niitsu, N. - Kikuchi, M. - Ikeda, H. - Yamazaki, K. - Kanno, M. - Kono, H. - Mitsuke, K. - Toda, M. - Nakai, K. - Irle, S.: Simulation of nuclear excitation by near-IR femtosecond laser pulses to subsequent nanosecond rearrangementand fragmentation. In: Quantum systems in chemistry and physics : Progress in Theoretical Chemistry and Physics, Vol. 26. Dordrecht : Springer, 2012, S. 176
- [o1] 2012 Pal, S. - Kumar, R. - Singh, R.: Electron impact ionization cross sections of the CO2 clusters. In: Journal of Electron Spectroscopy and Related Phenomena, Vol. 185, No. 12, 2012, s. 625-629 - SCI ; SCOPUS
- [o3] 2014 Kumar, N. - Singh, R. - Pal, S.: Ionization of molecules by electron collision. In: Electron collision processes in atomic and molecular physics. New Delhi : Narosa Publishing House, 2014, S. 153
- [o1] 2016 Itoh, N. - Itoh, C. - Kanasaki, J.: Comparison of Electronic-Excitation-Induced Structural Modification of Carbon-Based Nanomaterials with that of Semiconductor Surfaces. In: Nano, Vol. 11, No. 6, 2016, Art. No. 1630001 - SCI ;SCOPUS
- [4] ADC04 Fiegele, Thomas - Mason, Nigel J. - **Foltin, Viktor** - Lukáč, Peter - Stamatovič, Aleksandar - Scheier, Paul - Märk, Tilman D.: The energies of the triply excited n=2 intrashell He- resonances 2s22p and 2s2p2 revisited In: International Journal of Mass Spectrometry. - Vol. 209, No. 1 (2001), s. 23-29
Ohlasy (1):
- [o1] 2008 Mirsaleh-Kohan, N. - Robertson, W. D. - Compton, R. N.: Electron ionization time-of-flight mass spectrometry: Historical review and current applications. In: Mass Spectrometry Reviews, Vol. 27, No. 3, 2008, s. 237-285 - SCI ; SCOPUS
- [5] ADC05 Foltinová, Janka - Schrott-Fischer, A. - Žilínek, V. - **Foltin, Viktor** - Freysinger, W.: Is the trachea a marker of the type of environmental pollution? In: Laryngoscope. - Vol. 112, No. 4 (2002), s. 713-720
Indikátor časopisu:IF (JCR) 2002=1,384
Ohlasy (9):
- [o1] 2005 Beno, M. - Hurbankova, M. - Dusinska, M. - Cerna, S. - Volkovova, K. - Staruchova, M. - Barancokova, M. - Kazimirova, A. - Kovacikova, Z. - Mikulecky, M. - Kyrtopolos, S. A.: Multinucleate cells (MNC) as sensitive semiquantitativebiomarkers of the toxic effect after experimental fibrous dust and cigarette smoke inhalation by rats. In: Experimental and Toxicologic Pathology, Vol. 57, No. 1, 2005, s. 77-87 - SCI ; SCOPUS
- [o3] 2002<http://www.drugs-online-usa.com/ref-diagnostic-2/diagnostic-2-research-abs7.104.html>, 2002, [nestr.]
- [o3] 2002http://www.health.xq23.com/conditions/part_3/AIDS.html, 2002, [nestr.]
- [o1] 2006 Güven, G. - Ortug, C.: A scanning electron microscopic study of nasal respiratory epithelium in pregnant rats. In: Annals of Anatomy, Vol. 188, No. 5, 2006, s. 421-424 - SCI ; SCOPUS
- [o4] 2006 Vráblová, V. - Šimera, M. - Seidenbusch, W.: Investigation of the presence of lead in placenta. In: Morphology of today in memory of prof. Ivan Stanek 90th birthday anniversary. Bratislava : Univerzita Komenského, 2006, S. 88-92
- [o1] 2009 Karakis, I. - Kordysh, E. - Lahav, T. - Bolotin, A. - Glazer, Y. - Vardi, H. - Belmaker, I. - Sarov, B.: Life prevalence of upper respiratory tract diseases and asthma among children residing in rural area near a regional industrialpark: cross-sectional study. In: Rural and Remote Health, Vol. 9, No. 3, 2009, Art. No. 1092 - SCI
- [o1] 2014 Ferreira, L. E. N. - Muniz, B. V. - Bittar, T. O. - Berto, L. A. - Figueroba, S. R. - Groppo, F. C. - Pereira, A. C.: Effect of particles of ashes produced from sugarcane burning on the respiratory system of rats. In: EnvironmentalResearch, Vol. 135, 2014, s. 304-310 - SCI ; SCOPUS

[o3] 2014 Gaskell, S.: Indigenous farmworkers and vocal function disorders. In: Diverse Voices CSHA, No. 03, 2014, http://www.academia.edu/4082801/Indigenous_Farmworkers_and_Vocal_Function_Disorders

[o3] 2015 Gaskell, S.: Understanding the relationship between air quality seasonal environments by establishing a differentiation of the symptoms and causes of vocal function disorders when compared to pollution data, http://www.researchgate.net/publication/273487560_Understanding_the_Relationship_Between_Air_Quality_Seasonal_Environments_by_Establishing_a_Differentiation_of_the_Symptoms_and_Causes_of_Vocal_Function_Disorders_When_Compared_to_Pollution_Data

[6] ADC06 Matejčík, Štefan - **Foltin, Viktor** - Stano, Michal - Skalný, Ján D. : Temperature dependencies in dissociative electron attachment to CCl₄, CCl₂F₂, CHCl₃ and CHBr₃

In: International Journal of Mass Spectrometry. - Vol. 223-224, No. 1-3 (2003), s. 9-19

Ohlasy (15):

[o1] 2004 Perry, C. C. - Faradzhev, N. S. - Fairbrother, D. H. - Madey, T. E.: Electron-driven chemistry of halogenated compounds in condensed phases: Effects of solvent matrices on reaction dynamics and kinetics. In: International Reviews in Physical Chemistry, Vol. 23, No. 2, 2004, s. 289-340 - SCI ; SCOPUS

[o1] 2007 Denifl, S. - Mauracher, A. - Sulzer, P. - Bacher, A. - Mark, T. D. - Scheier, P.: Free electron attachment to the chloromethane CHCl₃. In: International Journal of Mass Spectrometry, Vol. 265, No. 2-3, 2007, s. 139-145 - SCI ; SCOPUS

[o1] 2007 Weeks, L. D. - Zhu, L. L. - Pellon, M. - Haines, D. R. - Arumainayagam, C. R.: Low-energy electron-induced oligomerization of condensed carbon tetrachloride. In: Journal of the Physical Chemistry C, Vol. 111, No. 12, 2007, s. 4815-4822 - SCI ; SCOPUS

[o1] 2008 Denifl, S. - Zappa, F. - Mahr, I. - Mauracher, A. - Probst, M. - Mark, T. D. - Scheier, P.: Inelastic electron interaction with chloroform clusters embedded in helium droplets. In: Journal of the American Chemical Society, Vol. 130, No. 15, 2008, s. 5065-5071 - SCI ; SCOPUS

[o1] 2008 Kopyra, J. - Szamrej, I. - Graupner, K. - Graham, L. M. - Field, T. A. - Sulzer, P. - Denifl, S. - Hotop, H.: Low-energy electron attachment to chloroform (CHCl₃) molecules: A joint experimental and theoretical study. In: International Journal of Mass Spectrometry, Vol. 277, No. 1-3, 2008, s. 130-141 - SCI ; SCOPUS

[o1] 2008 Rajappan, M. - Zhu, L. L. - Bass, A. D. - Sanche, L. - Arumainayagam, C. R.: Chemical synthesis induced by dissociative electron attachment. In: Journal of Physical Chemistry, Vol. 112, No. 44, 2008, s. 17319-17323 - SCI ; SCOPUS

[o1] 2010 Arumainayagam, C. R. - Lee, H. L. - Nelson, R. B. - Haines, D. R. - Gunawardane, R. P.: Low-energy electron-induced reactions in condensed matter. In: Surface Science Reports, Vol. 65, No. 1, 2010, s. 1-44 - SCI ; SCOPUS

[o1] 2010 Graupner, K. - Haughey, S. A. - Field, T. A. - Mayhew, C. A. - Hoffmann, T. H. - May, O. - Fedor, J. - Allan, M. - Fabrikant, I. I. - Illenberger, E. - Braun, M. - Ruf, M. W. - Hotop, H.: Low-Energy Electron Attachment to the Dichlorodifluoromethane (CCl₂F₂) Molecule. In: Journal of Physical Chemistry A, Vol. 114, No. 3, 2010, s. 1474-1484 - SCI ; SCOPUS

[o1] 2012 Borsdorf, H. - Mayer, T.: Temperature dependence of ion mobility signals of halogenated compounds. In: Talanta, Vol. 101, 2012, s. 17-23 - SCI ; SCOPUS

[o1] 2013 Mayer, T. - Borsdorf, H.: Mutual influences of halogenated compounds during atmospheric pressure chemical ionization. In: International Journal for Ion Mobility Spectrometry, Vol. 16, No. 3, 2013, s. 229-235 - SCOPUS

[o1] 2014 Lucas, C. B.: Atomic and Molecular Beams: Production and Collimation. Boca Raton : CRC Press, 2014, S. 1-346 - BKCI-S

[o1] 2014 Tanzer, K. - Pelc, A. - Huber, S. E. - Smialek, M. A. - Scheier, P. - Probst, M. - Denifl, S.: Low energy electron attachment to platinum(II) bromide (PtBr₂). In: International Journal of Mass Spectrometry, Vol. 365, 2014, s. 152-156 - SCI

[o1] 2015 Makarov, G.: Low energy methods of molecular laser isotope separation. In: Physics-Uspekhi, Vol. 58, No. 7, 2015, s. 670-700 - SCI ; SCOPUS

- [o1] 2015 Thorman, R. - Thorman, R. - Ragesh Kumar, T. - Howard Fairbrother, D. - Ingólfsson, O.: The role of low-energy electrons in focused electron beam induced deposition: Four case studies of representative precursors. In: Beilstein Journal of Nanotechnology, Vol. 6, No. 1, 2015, s. 1904-1926 - SCI ; SCOPUS
- [o1] 2018 Ragesh Kumar, T. P. - Brynjarsson, B. - Omarsson, B. - Hoshino, M. - Tanaka, H. - Limao-Vieira, P. - Jones, D. B. - Brunger, M. J. - Ingólfsson, O.: Negative ion formation through dissociative electron attachment to the group IV tetrachlorides: Carbon tetrachloride, silicon tetrachloride and germanium tetrachloride. In: International Journal of Mass Spectrometry, Vol. 426, 2018, s. 12-28 - SCI ; SCOPUS
- [7] ADC07 Stano, Michal - **Foltin, Viktor** - Matejčík, Štefan - Langer, Judith - Gohlke, Sascha - Illenberger, Eugen: A study of dissociative electron attachment to CHBr₃ and CHI₃
In: Journal of Physics B - Atomic Molecular and Optical Physics. - Vol. 36, No. 3 (2003), s. 443-452
Ohlasy (2):
- [o3] 2004 Perry, C. C. Faradzhev, N. S. Fairbrother, D. H. Madey, T. E.: Electron-driven chemistry of halogenated compounds in condensed phases: Effects of solvent matrices on reaction dynamics and kinetics. In: International Reviews in Physical Chemistry, Vol 23, No. 2, 2004, s. 289-340
- [o1] 2015 Das, S. - Sharma, P. - Badani, P. M. - Vatsa, R. K.: Ionisation of methyl iodide clusters using nanosecond laser pulses: detection of multiply charged positive ions, negative ions and energetic electrons. In: RSC Advances, Vol. 5, No. 12, 2015, s. 8887-8894 - SCI ; SCOPUS
- [8] ADC08 **Foltin, Viktor** - Leštinská, Lenka - Machala, Zdenko: Spectroscopic investigations of atmospheric pressure microwave torch nitrogen plasma jet
In: Czechoslovak Journal of Physics. - Vol. 56, Suppl. B (2006), s. B712-B719
Indikátor časopisu: IF (JCR) 2006=0,568
Ohlasy (5):
- [o1] 2007 Jiang, J. - Huan, Y. F. - Jin, W. - Feng, G. D. - Fei, Q. - Cao, Y. B. - Jin, Q. H.: Development of a high resolution simultaneous microwave plasma torch spectrometer. In: Spectroscopy and Spectral Analysis, Vol. 27, No. 11, 2007, s. 2375-2379 - SCI
- [o1] 2008 Nakayama, T. - Kawahara, N. - Tomita, E. - Ikeda, Y.: High temporally resolved optical measurement for laser ignition process of laminar premixed mixtures. In: Nihon Kikai Gakkai Ronbunshu B/Transactions of the Japan Society of Mechanical Engineers B, Vol. 74, No. 7, 2008, s. 1633-1640 - SCOPUS
- [o1] 2011 Nowakowska, H. - Jasinski, M. - Debicki, P. S. - Mizeraczyk, J.: Numerical analysis and optimization of power coupling efficiency in waveguide-based microwave plasma source. In: IEEE Transactions on Plasma Science, Vol. 39, No. 10, 2011, Art. No. 6003795, s. 1935-1942 - SCI ; SCOPUS
- [o1] 2016 Lee, J. H. - Om, J. Y. - Kim, Y. H. - Kim, K. M. - Choi, E. H. - Kim, K. N.: Selective Killing Effects of Cold Atmospheric Pressure Plasma with NO Induced Dysfunction of Epidermal Growth Factor Receptor in Oral Squamous Cell Carcinoma. In: Plos One, Vol. 11, No. 2, 2016, Art. No. e0150279 - SCI
- [o1] 2018 Ridenti, M. A. - Amorim, J.: CN (B I-2 Sigma(+)) -> X I-2 Sigma(+)) Violet System in a Cold Atmospheric-Pressure Argon Plasma Jet. In: Plasma Chemistry and Plasma Processing, Vol. 38, No. 2, 2018, s. 311-329 - SCI ; SCOPUS
- [9] ADC09 Langer, Judith - Stano, Michal - Gohlke, Sascha - **Foltin, Viktor** - Matejčík, Štefan - Illenberger, Eugen: Reactions in trifluoroacetic acid (CF₃COOH) induced by low energy electron attachment
In: Chemical Physics Letters. - Vol. 419, No. 1-3 (2006), s. 228-232
Ohlasy (13):
- [o1] 2009 Brooks, P. R.: Electron transfer collisions with oriented trifluoroacetic acid (CF₃CO₂H). In: Journal of Physical Chemistry A, Vol. 113, No. 52, 2009, s. 14296-14301 - SCI ; SCOPUS
- [o1] 2009 Freitas, T. C. - Varella, M. T. D. N. - Da Costa, R. F. - Lima, M. A. P. - Bettega, M. H. F.: Low-energy electron collisions with acetic acid. In: Physical Review A, Vol. 79, No. 2, 2009, Art. No. 022706 - SCI ; SCOPUS
- [o1] 2009 Lafosse, A. - Bertin, M. - Azria, R.: Electron driven processes in ices: Surface functionalization and synthesis reactions. In: Progress in Surface Science, Vol. 84, No. 5-6, 2009, s. 177-198 - SCI ; SCOPUS

- [o1] 2009 Park, H. - Vecitis, C. D. - Cheng, J. - Choi, W. - Mader, B. T. - Hoffmann, M. R.: Reductive defluorination of aqueous perfluorinated alkyl surfactants: Effects of ionic headgroup and chain length. In: Journal of Physical Chemistry A, Vol. 113, No. 4, 2009, s. 690-696 - SCI ; SCOPUS
- [o1] 2010 Arumainayagam, C. R. - Lee, H. L. - Nelson, R. B. - Haines, D. R. - Gunawardane, R. P.: Low-energy electron-induced reactions in condensed matter. In: Surface Science Reports, Vol. 65, No. 1, 2010, s. 1-44 - SCI ; SCOPUS
- [o1] 2012 Omarsson, B. - Bjarnason, E. H. - Ingolfsson, O. - Haughey, S. - Field, T. A.: Chemical control through dissociative electron attachment - A study on pentafluorotoluene, pentafluoroaniline and pentafluorophenol. In: Chemical Physics Letters, Vol. 539-540, 2012, s. 7-10 - SCI ; SCOPUS
- [o1] 2012 Omarsson, B. - Bjarnason, E. H. - Haughey, S. - Ingolfsson, O. - Field, T. A.: Bond formations and rearrangement reactions in DEA experiments. In: Journal of Physics: Conference Series, Vol. 388, Part 5, 2012, Art. No. 052020 - SCOPUS
- [o1] 2013 Houplin, J. - Amiaud, L. - Humblot, V. - Martin, I. - Matar, E. - Azria, R. - Pradier, C. M. - Lafosse, A.: Selective terminal function modification of SAMs driven by low-energy electrons (0-15 eV). In: Physical Chemistry Chemical Physics, Vol. 15, No. 19, 2013, s. 7220-7227 - SCI ; SCOPUS
- [o1] 2013 Omarsson, B. - Bjarnason, E. H. - Haughey, S. A. - Field, T. A. - Abramov, A. - Klupfel, P. - Jonsson, H. - Ingolfsson, O.: Molecular rearrangement reactions in the gas phase triggered by electron attachment. In: Physical Chemistry Chemical Physics, Vol. 15, No. 13, 2013, s. 4754-4766 - SCI ; SCOPUS
- [o1] 2014 Kopyra, J.: Electron driven processes in chlorodifluoroacetic acid methyl ester. In: European Physical Journal D, Vol. 68, No. 7, 2014, Art. No. 202 - SCI ; SCOPUS
- [o1] 2015 Shchukin, P. V. - Mikhailov, G. P. - Muftakhov, M. V.: Isotope effect in cross-section of (M-H/D)-negative ions formation from CF₃COOH and CF₃COOD. In: International Journal of Mass Spectrometry, Vol. 380, 2015, s. 1-6 - SCI ; SCOPUS
- [o1] 2017 Kvashnin, S. - Lupachev, E. - Lotkhov, V. - Kuritsyn, N. - Kulov, N.: Chemical equilibrium and the kinetics of transesterification reactions of fluoroorganic esters and acids. In: Theoretical Foundations of Chemical Engineering, Vol. 51, No. 6, 2017, s. 1012-1020 - SCI ; SCOPUS
- [o1] 2018 Sala, L. - Szymanska, I. B. - Dablemont, C. - Lafosse, A. - Amiaud, L.: Response under low-energy electron irradiation of a thin film of a potential copper precursor for focused electron beam induced deposition (FEBID). In: Beilstein Journal of Nanotechnology, Vol. 9, 2018, s. 57-65 - SCI ; SCOPUS
- [10] ADC10 Machala, Zdenko - Janda, Mário - Hensel, Karol - Jedlovský, Igor - Leštinská, Lenka - **Foltin, Viktor** - Martišoviš, Viktor - Morvová, Marcela: Emission spectroscopy of atmospheric pressure plasmas for bio-medical and environmental applications
In: Journal of Molecular Spectroscopy. - Vol. 243, No. 2 (2007), s. 194-201
Indikátor časopisu: IF (JCR) 2007=1,269
Ohlasy (174):
- [o1] 2007 Ratcliffe, L. V. - Rutten, F. J. M. - Barrett, D. A. - Whitmore, T. - Seymour, D. - Greenwood, C. - Aranda-Gonzalvo, Y. - Robinson, S. - McCoustra, M.: Surface Analysis under Ambient Conditions Using Plasma-Assisted Desorption/Ionization Mass Spectrometry. In: Analytical Chemistry, Vol. 79, No. 16, 2007, s. 6094-6101 - SCI ; SCOPUS
- [o1] 2007 Su, P. H. - Zhu, Y. M. - Chen, H. F.: Morphology determination of ionization region in multi-needle-to-plate negative corona discharge. In: Spectroscopy and Spectral Analysis, Vol. 27, No. 11, 2007, s. 2171-2174 - SCI
- [o1] 2008 Babou, Y. - Riviere, P. - Perrin, M.-Y. - Soufiani, A.: Spectroscopic study of microwave plasmas of CO₂ and CO₂-N₂ mixtures at atmospheric pressure. In: Plasma Sources Science and Technology, Vol. 17, No. 4, 2008, Art. No. 045010 - SCI ; SCOPUS
- [o1] 2008 Bruggeman, P. - Ribel, E. - Maslani, A. - Degroote, J. - Malesevic, A. - Rego, R. - Vierendeels, J. - Leys, C.: Characteristics of atmospheric pressure air discharges with a liquid cathode and a metal anode. In: Plasma Sources Science and Technology, Vol. 17, No. 2, 2008, Art. No. 025012 - SCOPUS

- [o1] 2008 Bruggeman, P. - Liu, J. - Degroote, J. - Kong, M. G. - Vierendeels, J. - Leys, C.: Dc excited glow discharges in atmospheric pressure air in pin-to-water electrode systems. In: Journal of Physics D-Applied Physics, Vol. 41, No. 21, 2008, Art. No. 215201 - SCI
- [o3] 2008 Černiak V. J. - Prisiažnevič, I. V. - Olševskij, S. V. - Juchimenko, V. V. - Ščedrin, A. I. - Levko, D. S. - Rjabcev, A. V.: Poperečnyje električeskije gazovyje razrjady dľa plazmo-židkostnych sistem. In: ISTAPC 2008: 5th International Symposium on Theoretical and Experimental Plasma Chemistry. Moskva : RAN, 2008, [S. 1-2]
- [o1] 2008 Guo, Y. F. - Liao, X. B. - Ye, D. Q.: Detection of hydroxyl radical in plasma reaction on toluene removal. In: Journal of Environmental Sciences-China, Vol. 20, No. 12, 2008, s. 1429-1432 - SCI ; SCOPUS
- [o3] 2008 Prysiazhnevych, I. - Chernyak, V. - Olszewski, S. - Yukhymenko, V.: Plasma properties of transverse ARC at atmospheric pressure. In: ELMECO-6: International Conference on Electromagnetic Devices and Processes in Environment Protection. Lublin : Lublin University of Technology, 2008, S. 23-24
- [o1] 2008 Prysiazhnevych, I. - Chernyak, V. - Olszewski, S. - Yukhymenko, V.: Plasma properties of transverse blowing ARC under atmospheric pressure. In: Chemické listy, Vol. 102, No. 16, Sp. Iss., 2008, s. s1403-s1407 - SCOPUS
- [o1] 2008 Shiki, H. - Ito, Y. - Takikawa, H. - Usuki, E. - Okawa, T. - Yamanaka, S. - Nishimura, Y. - Hishida, S.: Fundamental properties of 4-in-1 Plasma ENergized-Jet at atmospheric pressure. In: Vacuum, Vol. 83, No. 1, 2008, s. 29-33 - SCI; SCOPUS
- [o1] 2008 Su, P.-H. - Zhu, Y.-M. - Yang, S.: Using OES to measure distribution of energetic electron in multi-needle-to-plate corona discharge. In: Journal of Electrostatics, Vol. 66, No. 3-4, 2008, s. 193-196 - SCI ; SCOPUS
- [o3] 2009 Blajan, M. - Ishii, T. - Mimura, H. - Shimizu, K.: Emission spectrometry of microplasma for NOx removal process. In: ISPC 19: International Symposium on Plasma Chemistry: Proceedings. Bochum : Ruhr University, 2009, 4 s.
- [o1] 2009 Bruggeman, P. - Schram, D. - Gonzalez, M. A. - Rego, R. - Kong, M. G. - Leys, C.: Characterization of a direct dc-excited discharge in water by optical emission spectroscopy. In: Plasma Sources Science and Technology, Vol. 18, No.2, 2009, Art. No. 025017 - SCI ; SCOPUS
- [o1] 2009 Bruggeman, P. - Schram, D. C. - Kong, M. G. - Leys, C.: Is the Rotational Temperature of OH(A-X) for Discharges in and in Contact with Liquids a Good Diagnostic for Determining the Gas Temperature?. In: Plasma Processes and Polymers, Vol. 6, No. 11, 2009, s. 751-762 - SCI ; SCOPUS
- [o1] 2009 Garamoon, A. A. - El-zeer, D. M.: Atmospheric pressure glow discharge plasma in air at frequency 50 Hz. In: Plasma Sources Science & Technology, Vol. 18, No. 4, 2009, Ar. No. 045006 - SCI ; SCOPUS
- [o3] 2009 Chernyak, V. Ya. - Olszewskii, S. V. - Yukhymenko, V. v. - Shchedrin, A. I. - Levko, D. S. - Naumov, V. V. - Nedybalyuk, O. A. - Sidoruk, S. M. - Demchina, V. P. - Kudryavzev, V. S.: Plasma reforming of liquid hydrocarbons into free hydrogen for the use in the aerospace technologies. In: Bridging the Ukrainian Aeronautics Industry with the European Union. Kiev : Frantsevich Institute for Problems of Materials Science, 2009, [nestr.]
- [o3] 2009 Chernyak, V. - Shevchenko, T.: Electric discharge plasma reforming of liquid hydrocarbons into free hydrogen for the use in the aerospace technologies. In: Bridging the Ukrainian Aeronautics Industry with the European Union. Kiev : Frantsevich Institute for Problems of Materials Science, 2009, [nestr.]
- [o3] 2009 Jamroz, P.: The spectroscopic study of a glow discharge generated between pin electrode and water in open air atmosphere. In: ISPC 19: International Symposium on Plasma Chemistry: Proceedings. Bochum : Ruhr University, 2009, 4 s.
- [o1] 2009 Jin, J. - Kim, J. - Kim, Y.: Effect of duty cycle on atmospheric plasma generation using micromachined electrodes. In: Japanese Journal of Applied Physics, Vol. 48, No. 4, part 2 SI, 2009, Art. No. 04c196 - SCI
- [o1] 2009 Keskin, S. S. - Aslan, N. - Bayrakceken, N.: Optical properties and chemical behavior of Laser-dye Coumarin-500 and the influence of atmospheric corona discharges. In: Spectrochimica Acta Part A-Molecular and Biomolecular Spectroscopy, Vol. 72, No. 2, 2009, s. 254-259 - SCI ; SCOPUS
- [o1] 2009 Lu, X. P. - Xiong, Q. - Xiong, Z. L. - Hu, J. - Zhou, F. - Gong, W. W. - Xian, Y. B. - Zhou, C. L. - Tang, Z. Y. - Jiang, Z. H. - Pan, Y.: A cold plasma cross made of three bullet-like plasma plumes. In: Thin Solid Films, Vol. 518, No. 3, 2009, s. 967-970 - SCI ; SCOPUS

- [o1] 2009 Srivastava, N. - Wang, C. - Dibble, T. S.: A study of OH radicals in an atmospheric AC discharge plasma using near infrared diode laser cavity ringdown spectroscopy combined with optical emission spectroscopy. In: European Physical Journal D, Vol. 54, No. 1, 2009, s. 77-86 - SCI
- [o3] 2009 Vannini, L. - Montanari, C. - Berardinelli, A. - Ragni, L. - Sirri, F. - Guerzoni, M. E.: Assessment of the efficacy of a low-temperature gas plasma prototype for superficial decontamination of table eggs. In: 19th European Poultry Symposium on Quality of Poultry Meat. Turku : WPSA, 2009, Art. No. EO29, 8 s.
http://www.cabi.org/animalscience/Uploads/File/AnimalScience/additionalFiles/WPSATurku2009/47_eggmeat2009_vannini_EO29.pdf
- [o1] 2009 Wang, C. J. - Srivastava, N. - Scherrer, S. - Jang, P. R. - Dibble, T. S. - Duan, Y. X.: Optical diagnostics of a low power-low gas flow rates atmospheric-pressure argon plasma created by a microwave plasma torch. In: Plasma Sources Science & Technology, Vol. 18, No. 2, 2009, Art. No. 025030 - SCI ; SCOPUS
- [o3] 2009 Welzel, S.: New Enhanced Sensitivity Infrared Laser Spectroscopy Techniques Applied to Reactive Plasmas and Trace Gas Detection. Greiswald : Ernst-Moritz-Arndt-Universität, 2009, S. 68
- [o1] 2009 Xian, Y. B. - Lu, X. P. - Cao, Y. G. - Yang, P. - Xiong, Q. - Jiang, Z. H. - Pan, Y.: On plasma bullet behavior. In: IEEE Transactions on Plasma Science, Vol. 37, No. 10, Part 2, 2009, s. 2068-2073 - SCI
- [o1] 2010 Akishev, Y. - Grushin, M. - Karalnik, V. - Petryakov, A. - Trushkin, N.: Non-equilibrium constricted dc glow discharge in N₂ flow at atmospheric pressure: Stable and unstable regimes. In: Journal of Physics D, Vol. 43, No. 7, 2010, Art. No. 075202 - SCI ; SCOPUS
- [o1] 2010 Akishev, Y. - Grushin, M. - Karalnik, V. - Petryakov, A. - Trushkin, N.: On basic processes sustaining constricted glow discharge in longitudinal N₂ flow at atmospheric pressure. In: Journal of Physics D, Vol. 43, No. 21, 2010, Art.No. 215202 - SCI ; SCOPUS
- [o1] 2010 Asandulesa, M. - Topala, I. - Dumitrascu, N.: Effect of helium DBD plasma treatment on the surface of wood samples. In: Holzforschung, Vol. 64, No. 2, 2010, s. 223-227 - SCI ; SCOPUS
- [o1] 2010 Begliarbekov, M. - Tarnovsky, V. - Collins, T. - Kotowich, S.: Effects of microfilaments on DC plasma torches and afterglows. In: IEEE Transactions on Plasma Science, Vol. 38, No. 4, Part 4, 2010, s. 990-995 - SCI ; SCOPUS
- [o1] 2010 Blajan, M. - Umeda, A. - Muramatsu, S. - Shimizu, K.: Emission spectroscopy of pulsed powered microplasma for surface treatment of PEN film. In: Conference Record - IAS Annual Meeting. New York : IEEE, 2010, Art. No. 5614482 - SCI ; SCOPUS
- [o3] 2010 Blajan, M. - Muramatsu, S. - Ishii, T. - Mimura, H. - Shimizu, K.: Emission spectroscopy of microplasma driven by a pulsed power supply. In: Journal of the Institute of Electrostatics Japan, Vol. 34, No. 2, 2010, s. 99-104
- [o3] 2010 Blajan, M. - Shimizu, K.: Diagnostics of pulsed powered microplasma discharge in N₂ by emission spectroscopy. In: 7th ICRP and 63rd GEC 2010. Paris : CNRS, 2010, Art. No. SDTP-177, 2 s.
- [o1] 2010 Guo, Y. - Liao, X. - He, J. - Ou, W. - Ye, D.: Effect of manganese oxide catalyst on the dielectric barrier discharge decomposition of toluene. In: Catalysis Today, Vol. 153, No. 3-4, 2010, s. 176-183 - SCI ; SCOPUS
- [o1] 2010 Hrycak, B. - Jasinski, M. - Mizeraczyk, J.: Spectroscopic investigations of microwave microplasmas in various gases at atmospheric pressure. In: European Physical Journal D, Vol. 60, No. 3, 2010, s. 609-619 - SCI ; SCOPUS
- [o1] 2010 Pai, D. Z. - Lacoste, D. A. - Laux, C. O.: Nanosecond repetitively pulsed discharges in air at atmospheric pressure-the spark regime. In: Plasma Sources Science and Technology, Vol. 19, No. 6, 2010, s. Art. No. 065015 - SCI ; SCOPUS
- [o1] 2010 Park, H. - Jeong, J. - Kim, Y.: Current controlled Plasma-on-a-chip for atmospheric plasma generation. In: Technical Proceedings of the 2010 NSTI Nanotechnology Conference and Expo. Danville : NSTI, 2010, S. 356-359 - SCOPUS
- [o3] 2010 Pierce, D. K. - Mortenson, M. G. - Bryce, D. A.: Continuous methods for treating liquids and manufacturing certain constituents (e.g., nanoparticles) in liquids, apparatuses and nanoparticles and nanoparticle/liquid solution(s) resulting therefrom. In: National and PCT Collections, No. Patent WO/2009/009143. Geneva : World Intellectual Property Organization, 2009, 53 s.

- [o1] 2010 Ragni, L. - Berardinelli, A. - Vannini, L. - Montanari, C. - Sirri, F. - Guerzoni, M. E. - Guarnieri, A.: Non-thermal atmospheric gas plasma device for surface decontamination of shell eggs. In: Journal of Food Engineering, Vol. 100, No. 1, 2010, s. 125-132 - SCI ; SCOPUS
- [o1] 2010 Shimizu, K. - Yamada, M. - Kanamori, M. -, Blajan, M.: Basic study of bacteria inactivation at low discharge voltage by using microplasmas. In: IEEE Transactions on Industry Applications, Vol. 46, No. 2, 2010, s. 641-649 - SCI ; SCOPUS
- [o1] 2010 Shimizu, K. - Ishii, T. - Blajan, M.: Emission spectroscopy of pulsed power microplasma for atmospheric pollution control. In: IEEE Transactions on Industry Applications, Vol. 46, No. 3, 2010, s. 1125-1131 - SCI ; SCOPUS
- [o1] 2010 Walsh, J. L. - Iza, F. - Janson, N. B. - Law, V. J. - Kong, M. G.: Three distinct modes in a cold atmospheric pressure plasma jet. In: Journal of Physics D, Vol. 43, No. 7, 2010, Art. No. 075201 - SCI ; SCOPUS
- [o1] 2011 Blajan, M. - Umeda, A. - Shimizu, K.: Surface treatment of glass by microplasma. In: IAS Annual Meeting (IEEE Industry Applications Society). New York : IEEE, 2011, Art. No. 6074288 - SCOPUS
- [o1] 2011 Blajan, M. - Umeda, A. - Muramatsu, S. - Shimizu, K.: Emission spectroscopy of pulsed powered microplasma for surface treatment of PEN film. In: IEEE Transactions on Industry Applications, Vol. 47, No. 3, 2011, s. 1100-1108 - SCOPUS
- [o1] 2011 Blajan, M. - Muramatsu, S. - Shimizu, K.: Emission spectroscopy of pulsed powered microplasma. In: International Journal of Plasma Environmental Science and Technology, Vol. 5, No. 2, 2011, s. 202-208 - SCOPUS
- [o1] 2011 Ewais, E. M. M. - Barg, S. - Grathwohl, G. - Garamoon, A. A. - Morgan, N. N.: Processing of open porous zirconia via alkane-phase emulsified suspensions for plasma applications. In: International Journal of Applied Ceramic Technology, Vol. 8, No. 1, 2011, s. 85-93 - SCI ; SCOPUS
- [o1] 2011 Garamoon, A. A. - El-Zeer, D. M. - Abd El- Ghany, A. - Ghoneem, D. - El-Hossary, F.: Influences of the barrier types and arrangements on dielectric barrier discharge characteristics. In: European Physical Journal - Applied Physics, Vol. 53, No. 2, 2011, Art. No. 21001 - SCI ; SCOPUS
- [o3] 2011 Grigaitiene, V. - Tamosiunas, A. - Valincius, V.: Water vapour plasma generation for environmental purposes. In: Proceedings of the 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE11) and SECOTOX Conference. Thessaloniki : Grafima, 2011, S. 709
- [o1] 2011 Horvath, G. - Krcma, F. - Polachova, L. - Klohnova, K. - Mason, N. J. - Zahoran, M. - Matejcik, S.: 10 Organic chemistry of NH₃ and HCN induced by an atmospheric abnormal glow discharge in N₂-CH₄ mixtures. In: European Physical Journal - Applied Physics, Vol. 53, No. 1, 2011, Art. No. 11001 - SCI ; SCOPUS
- [o1] 2011 Ionita, M. D. - Teodorescu, M. - Acsente, T. - Bazavan, M. - Ionita, E. R. - Dinescu, G.: Remote surface modification of polymeric foils by expanding atmospheric pressure radiofrequency discharges. In: Romanian Journal in Physics, Vol. 56, 2011, s. 132-138 - SCI ; SCOPUS
- [o1] 2011 Jamroz, P. - Zyrnicki, W.: Spectroscopic characterization of miniaturized atmospheric-pressure dc glow discharge generated in contact with flowing small size liquid cathode. In: Plasma Chemistry and Plasma Processing, Vol. 31, No. 5, 2011, s. 681-696 - SCOPUS
- [o1] 2011 Jankowski, K. J. - Reszke, E.: Principles of operation and construction of microwave plasma cavities. In: Microwave Induced Plasma Analytical Spectrometry. Cambridge : Royal Society of Chemistry, 2011, S. 37-93 - SCI ; SCOPUS
- [o1] 2011 Julák, J. - Janoušková, O. - Scholtz, V. - Holada, K.: Inactivation of prions using electrical dc discharges at atmospheric pressure and ambient temperature. In: Plasma Processes and Polymers, Vol. 8, No. 4, 2011, s. 316-323 - SCI ; SCOPUS
- [o1] 2011 Kim, H. H. - Ogata, A.: Gas-to-particle conversion in surface discharge nonthermal plasmas and its implications for atmospheric chemistry. In: Sensors, Vol. 11, No. 3, 2011, s. 2992-3003 - SCI ; SCOPUS
- [o1] 2011 Mavadat, M. - Ricard, A. - Sarra-Bournet, C. - Laroche, G.: Determination of ro-vibrational excitations of N₂(B, v?) and N₂(C, v?) states in N₂ microwave discharges using visible and IR spectroscopy. In: Journal of Physics D: Applied Physics, Vol. 44, No. 15, 2011, Art. No. 155207 - SCI ; SCOPUS

- [o1] 2011 Nastuta, A. V. - Topala, I. - Grigoras, C. - Pohoata, V. - Popa, G.: Stimulation of wound healing by helium atmospheric pressure plasma treatment. In: Journal of Physics D: Applied Physics, Vol. 44, No. 10, 2011, Art. No. 105204 -SCI ; SCOPUS
- [o1] 2011 Nekahi, A. - Farzaneh, M.: Rotational temperature measurement of an arc formed over an ice surface. In: IEEE Transactions on Dielectrics and Electrical Insulation, Vol. 18, No. 3, 2011, s. 755-759 - SCI ; SCOPUS
- [o1] 2011 Pai, D. Z.: Nanomaterials synthesis at atmospheric pressure using nanosecond discharges. In: Journal of Physics D: Applied Physics, Vol. 44, No. 17, 2011, Art. No. 174024 - SCI ; SCOPUS
- [o1] 2011 Park, H. - Kim, Y.: Active-current-controlled atmospheric-plasma generation using a plasma-on-a-chip. In: IEEE Transactions on Plasma Science, Vol. 39, No. 4, Part 2, 2011, s. 1110-1113 - SCI
- [o1] 2011 Reghu, T. - Kumar, M. - Biswas, A. K. - Kukreja, L. M.: A sensitive arc detection technique for reliable operation of high repetition rate TEA CO₂ laser. In: Optics and Laser Technology, Vol. 43, No. 4, 2011, s. 904-910 - SCI ; SCOPUS
- [o3] 2011 Shimizu, K. - Komuro, Y. - Tatematsu, S. - Blajan, M.: Study of sterilization and disinfection in room air by using atmospheric microplasma. In: Pharmaceutica Analytica Acta, 2011, <http://www.omicsonline.org/2153-2435/2153-2435-S1-001.php>
- [o3] 2011 Shimizu, K.: Indoor air control by microplasma. In: Advanced air pollution. Rijeka : InTech, 2011, S. 534
- [o1] 2011 Srivastava, N. - Wang, C.: Determination of OH radicals in an atmospheric pressure helium microwave plasma jet. In: IEEE Transactions on Plasma Science, Vol. 39, No. 3, 2011, Art. No. 5702272, s. 918-924 - SCI ; SCOPUS
- [o1] 2011 Weng, G. - Ma, Z.: Plasma emission spectroscopy of methyl bromide. In: Qiangjiguang Yu Lizishu/High Power Laser and Particle Beams, Vol. 23, No. 12, 2011, s. 3391-3394 - SCOPUS
- [o1] 2012 Blajan, M. - Fukunaga, H. - Shimizu, K.: Spatial and temporal analysis of microplasma light emission. In: Materials Research Society Symposium Proceedings, Vol. 1469, 2012, s. 80-85 - SCOPUS
- [o1] 2012 Blajan, M. - Shimizu, K.: Spatial distribution of light emission in microplasma under 100 μ m gaps. In: Japanese Journal of Applied Physics, Vol. 51, No. 8, Part 2, 2012, Art. No. 08HC03 - SCOPUS
- [o1] 2012 Cai, Y. - Sun, C. - Wang, J. - Han, W.: Emission spectrum from dielectric barrier discharge plasma under atmosphere pressure. In: Jiangsu Daxue Xuebao (Ziran Kexue Ban)/Journal of Jiangsu University (Natural Science Edition), Vol.33, No. 5, 2012, s. 518-521+548 - SCOPUS
- [o1] 2012 El-Zeer, D. M. - Dawood, N. - Elakshar, F. - Garamoon, A. A.: The influence of the addition of argon gas to air DB discharge. In: EPJ Applied Physics, Vol. 58, No. 3, 2012, Art. No. 30801 - SCI ; SCOPUS
- [o1] 2012 Erofeev, M. V. - Lomaev, M. I. - Sorokin, D. A. - Tarasenko, V. F.: Emission of cyan upon excitation of nitrogen, air, and N₂-CH₄ mixture by discharge pulses in an inhomogeneous electric field. In: Optics and Spectroscopy, Vol.112, No. 1, 2012, s. 36-43 - SCI ; SCOPUS
- [o4] 2012 Foltinová, J. - Polák, Š.: Histológia pre poslucháčov biomedicínskej fyziky. Bratislava : Univerzita Komenského, 2012, S. 248
- [o1] 2012 Fricke, K. - Koban, I. - Tresp, H. - Jablonowski, L. - Schroder, K. - Kramer, A. - Weltmann, K. D. - von Woedtke, T. - Kocher, T.: Atmospheric pressure plasma: A high-performance tool for the efficient removal of biofilms. In: PLoSONE, Vol. 7, No. 8, 2012, Art. No. e42539 - SCI ; SCOPUS
- [o1] 2012 Hrycak, B. - Jasinski, M. - Mizeraczyk, J. - Hrycak, B. - Jasiński, M. - Mizeraczyk, J.: Spectroscopic characterization of nitrogen plasma generated by waveguide-supplied coaxial-line-based nozzleless microwave source. In: 12th High-Tech Plasma Processes Conference (HTPP-12) - Journal of Physics Conference Series, Vol. 406, 2012, Art. No. 012037 - CPCI-S ; SCOPUS
- [o1] 2012 Hueso, J. L. - Rico, V. J. - Yanguas-Gil, A. - Cotrino, J. - Gonzalez-Eliphe, A. R.: Optical Emission Spectroscopic Evaluation of different microwave plasma discharges and its potential application for sterilization processes. In: Plasma for Bio-decontamination, Medicine and Food Security : NATO Science for Peace and Security Series A. Dordrecht : Springer, 2012, S. 121-132 - SCOPUS
- [o1] 2012 Inokuchi, M. - Sakugawa, T. - Akiyama, H.: Spectroscopic observation of micro plasma jets generated by pulsed power. In: Proceedings of the 2012 IEEE International Power Modulator and High Voltage Conference. New York : IEEE, 2012, S. 504-507 - CPCI-S ; SCOPUS

- [o1] 2012 Julak, J. - Scholtz, V. - Kotucova, S. - Janouskova, O.: The persistent microbicidal effect in water exposed to the corona discharge. In: *Physica Medica*, Vol. 28, No. 3, 2012, s. 230-239 - SCI ; SCOPUS
- [o1] 2012 Mizeracyk, J. - Hrycak, B. - Jasinski, M. - Dors, M.: Spectroscopic investigations of plasma generated by waveguide-supplied. In: *International Journal of Plasma Environmental Science and Technology*, Vol. 6, No. 3, 2012, s. 239-245 -SCOPUS
- [o3] 2012 Mraih, A.: Realisation, caracterisation et bilan energetique de reacteurs corona mono et multi-pointes dans l'air a la pression atmospherique pour application a la decontamination. Toulouse : Université de Toulouse, 2012, S.138-139
- [o1] 2012 Nekahi, A. - Farzaneh, M.: A study of the emission spectra from discharges on an ice surface. In: *Annual Report - Conference on Electrical Insulation and Dielectric Phenomena, CEIDP*. New York : IEEE, 2012, S. 807-810 - CPCI-S ;SCOPUS
- [o1] 2012 Nijdam, S. - van Veldhuizen, E. - Bruggeman, P. - Ebert, U.: An Introduction to Nonequilibrium Plasmas at Atmospheric Pressure. In: *Plasma Chemistry and Catalysis in Gases and Liquids*, 2012, s. 1-44 - SCOPUS
- [o1] 2013 Baik, K. Y. - Kim, Y. H. - Ryu, Y. H. - Kwon, H. S. - Park, G. - Uhm, H. S. - Choi, E. H.: Feeding-gas effects of plasma jets on escherichia coli in physiological solutions. In: *Plasma Processes and Polymers*, Vol. 10, No. 3, 2013, s.235-242 - SCI ; SCOPUS
- [o1] 2013 Biganzoli, I. - Barni, R. - Riccardi, C. - Gurioli, A. - Pertile, R.: Optical and electrical characterization of a surface dielectric barrier discharge plasma actuator. In: *Plasma Sources Science and Technology*, Vol. 22, No. 2, 2013, Art. No. 025009 - SCI ; SCOPUS
- [o1] 2013 Blajan, M. - Umeda, A. - Shimizu, K.: Surface treatment of glass by microplasma. In: *IEEE Transactions on Industry Applications*, Vol. 49, No. 2, 2013, s. 714-720 - SCOPUS
- [o1] 2013 Blajan, M. - Shimizu, K.: Spatial and temporal distribution of microplasma in small discharge gaps. In: *IEEE Transactions on Industry Applications*, Vol. 49, No. 4, 2013, s. 1787-1792 - SCOPUS
- [o1] 2013 Donati, G. L. - Amais, R. S. - Schiavo, D. - Nobrega, J. A.: Determination of Cr, Ni, Pb and V in gasoline and ethanol fuel by microwave plasma optical emission spectrometry. In: *Journal of Analytical Atomic Spectrometry*, Vol. 28, No. 5, 2013, s. 755-759 - SCI ; SCOPUS
- [o1] 2013 Gerling, T. - Hoder, T. - Brandenburg, R. - Bussiahn, R. - Weltmann, K. D.: Influence of the capillary on the ignition of the transient spark discharge. In: *Journal of Physics D*, Vol. 46, No. 14, 2013, Art. No. 145205 - SCI ; SCOPUS
- [o1] 2013 Grigaitiene, V. - Tamosiunas, A. - Valincius, V.: Water vapour plasma generation for environmental purposes. In: *Fresenius Environmental Bulletin*, Vol. 22, No. 7 A, 2013, s. 2069-2073 - SCI ; SCOPUS
- [o1] 2013 Helmke, A. - Wandke, D. - Mahmoodzada, M. - Weltmann, K. D. - Viol, W.: Impact of electrode design, supply voltage and interelectrode distance on safety aspects and characteristics of a medical DBD plasma source. In: *Contributions to Plasma Physics*, Vol. 53, No. 9, 2013, s. 623-638 - SCI ; SCOPUS
- [o1] 2013 Hirschberg, J. - Omairi, T. - Mertens, N. - Helmke, A. - Emmert, S. - Viol, W.: Influence of excitation pulse duration of dielectric barrier discharges on biomedical applications. In: *Journal of Physics D*, Vol. 46, No. 16, 2013, Art.No. 165201 - SCI ; SCOPUS
- [o1] 2013 Jin, Y. - Li, Z. - Hu, L. - Shi, X. - Guan, W. - Du, Y.: Synthesis of chitosan-stabilized gold nanoparticles by atmospheric plasma. In: *Carbohydrate Polymers*, Vol. 91, No. 1, 2013, s. 152-156 - SCI ; SCOPUS
- [o1] 2013 Jo, J. O. - Kim, S. D. - Lim, B. J. - Hyun, Y. J. - Mok, Y. S.: Degradation of taste-and-odor compounds and toxins in water supply source using plasma. In: *Applied Chemistry for Engineering*, Vol. 24, No. 5, 2013, s. 518-524 - SCOPUS
- [o1] 2013 Lee, L. - Kim, Y.: Low-voltage atmospheric-plasma generation by utilizing afterglow initiation carrier. In: *IEEE Transactions on Plasma Science*, Vol. 41, No. 1, 2013, s. 155-158 - SCI ; SCOPUS
- [o1] 2013 Meir, Y. - Jerby, E. - Barkay, Z. - Ashkenazi, D. - Mitchell, J. B. - Narayanan, T. - Eliaz, N. - LeGarrec, J. L. - Sztucki, M. - Meshcheryakov, O.: Observations of ball-lightning-like plasmoids ejected from silicon by localizedmicrowaves. In: *Materials*, Vol. 6, No. 9, 2013, s. 4011-4030 - SCI ; SCOPUS

- [o1] 2013 Mols, M. - Mastwijk, H. - Nierop Groot, M. - Abee, T.: Physiological and transcriptional response of *Bacillus cereus* treated with low-temperature nitrogen gas plasma. In: *Journal of Applied Microbiology*, Vol. 115, No. 3, 2013, s.689-702 - SCI ; SCOPUS
- [o1] 2013 Pekarek, S.: Effect of magnetic field, airflow or combination of airflow with magnetic field on hollow needle-to-cylinder discharge regimes. In: *Journal of Physics D: Applied Physics*, Vol. 46, No. 50, 2013, Art. No. 505207 - SCI ; SCOPUS
- [o1] 2013 Smyaglikov, I. P. - Chekan, N. M. - Akula, I. P. - Pobal, I. L. - Rajczyk, J.: Spectroscopic diagnostics of a pulsed arc plasma in the presence of acetylene. In: *Vacuum*, Vol. 90, Spec. Iss, 2012, s. 165-169 - SCI ; SCOPUS
- [o1] 2013 Spencer, L. F. - Gallimore, A. D.: CO₂ dissociation in an atmospheric pressure plasma/catalyst system: A study of efficiency. In: *Plasma Sources Science and Technology*, Vol. 22, No. 1, 2013, Art. No. 015019 - SCOPUS
- [o1] 2013 Thiyagarajan, M. - Sarani, A. - Gonzales, X.: Atmospheric pressure resistive barrier air plasma jet induced bacterial inactivation in aqueous environment. In: *Journal of Applied Physics*, Vol. 113, No. 9, 2013, Art. No. 093302 - SCI ; SCOPUS
- [o1] 2013 Thiyagarajan, M. - Sarani, A. - Nicula, C. .: Optical emission spectroscopic diagnostics of a non-thermal atmospheric pressure helium-oxygen plasma jet for biomedical applications. In: *Journal of Applied Physics*, Vol. 113, No. 23, 2013, Art. No. 233302 - SCI ; SCOPUS
- [o1] 2013 Ziuzina, D. - Patil, S. - Cullen, P. J. - Keener, K. M. - Bourke, P.: Atmospheric cold plasma inactivation of *Escherichia coli* in liquid media inside a sealed package. In: *Journal of Applied Microbiology*, Vol. 114, No. 3, 2013, s.778-787 - SCI ; SCOPUS
- [o1] 2014 Barni, R. - Biganzoli, I. - Tassetti, D. - Riccardi, C.: Characterization of a plasma jet produced by spark discharges in argon air mixtures at atmospheric pressure. In: *Plasma Chemistry and Plasma Processing*, Vol. 34, No. 6, 2014, s. 1415-1431 - SCI ; SCOPUS
- [o1] 2014 Bashir, M. - Rees, J. M. - Bashir, S. - Zimmerman, W. B.: Characterization of atmospheric pressure microplasma produced from argon and a mixture of argon-ethylenediamine. In: *Physics Letters A*, Vol. 378, No. 32-33, 2014, s. 2395-2405- SCI ; SCOPUS
- [o1] 2014 Brown, S. - Ford, A. - Akpovo, C. C. - Martinez, J. - Johnson, L.: Matrix effects in laser ablation molecular isotopic spectrometry. In: *Spectrochimica Acta - Part B Atomic Spectroscopy*, Vol. 101, 2014, s. 204-212 - SCI ; SCOPUS
- [o1] 2014 Bruggeman, P. J. - Sadeghi, N. - Schram, D. C. - Linss, V.: Gas temperature determination from rotational lines in non-equilibrium plasmas: a review. In: *Plasma Sources Science & Technology*, Vol. 23, No. 2, 2014, Art. No. 023001 -SCI ; SCOPUS
- [o1] 2014 Du, Y. - Ding, Y. - Liu, Y. - Lan, L. - Peng, Z.: Calibration-free self-absorption model for measuring nitric oxide concentration in a pulsed corona discharge. In: *Applied Optics*, Vol. 53, No. 22, 2014, s. 4922-4929 - SCI ; SCOPUS
- [o3] 2014 Gerling, T. - Brandenburg, R. - Bussuahn, R. - Hoder, T. - Wilke, C. - Weltmann, K.-D.: Optical and electrical investigation of a transient spark discharge in argon at atmospheric pressure. In: *Young Professionals in MicroplasmaResearch*. Bochum : Ruhr-Universität, 2014, S. 1
- [o1] 2014 Hrycak, B. - Jasinski, M. - Mizeraczyk, J.: Spectroscopic Study of CO₂ Plasma in Microwave Source Designed for Hydrogen Production via Hydrocarbons Decomposition. In: *Acta Physica Polonica A*, Vol. 125, No. 6, 2014, s. 1326-1328 - SCI
- [o1] 2014 Jamroz, P. - Greda, K. - Pohl, P. - Zyrnicki, W.: Atmospheric pressure glow discharges generated in contact with flowing liquid cathode: Production of active species and application in wastewater purification processes. In: *Plasma Chemistry and Plasma Processing*, Vol. 34, No. 1, 2014, s. 25-37 - SCI ; SCOPUS
- [o1] 2014 Lee, J. H. - Kim, Y. H. - Choi, E. H. - Kim, K. M. - Kim, K. N.: Development of hydrophilic dental wax without surfactant using a non-thermal air atmospheric pressure plasma jet. In: *Journal of Physics D: Applied Physics*, Vol. 47, No. 23, 2014, Art. No. 235402 - SCI ; SCOPUS
- [o1] 2014 Maslani, A. - Sember, V.: Emission spectroscopy of OH radical in water-argon arc plasma jet. In: *Journal of Spectroscopy*, Vol. 2014, 2014, Art. No. 952138 - SCI ; SCOPUS

- [o1] 2014 Miotk, R. - Jasinski, M. - Mizeraczyk, J.: Optical emission spectroscopy of plasma generated by a waveguide-supplied microwave plasma source operated at 915 MHz. In: *Physica Scripta*, Vol. T161, 2014, Art. No. 014055 - SCI ; SCOPUS
- [o1] 2014 Misra, N. N. - Moiseev, T. - Patil, S. - Pankaj, S. K. - Bourke, P. - Mosnier, J. P. - Keener, K. M. - Cullen, P. J.: Cold Plasma in Modified Atmospheres for Post-harvest Treatment of Strawberries. In: *Food and Bioprocess Technology*, Vol. 7, No. 10, 2014, s. 3045-3054 - SCI ; SCOPUS
- [o1] 2014 Moiseev, T. - Misra, N. N. - Patil, S. - Cullen, P. J. - Bourke, P. - Keener, K. M. - Mosnier, J. P.: Post-discharge gas composition of a large-gap DBD in humid air by UV-Vis absorption spectroscopy. In: *Plasma Sources Science and Technology*, Vol. 23, No. 6, 2014, Art. No. 065033 - SCOPUS
- [o1] 2014 Rezaei, F. - Abbasi-Firouzjah, M. - Shokri, B.: Investigation of antibacterial and wettability behaviours of plasma-modified PMMA films for application in ophthalmology. In: *Journal of Physics D: Applied Physics*, Vol. 47, No. 8, 2014, Art. No. 085401 - SCI ; SCOPUS
- [o1] 2014 Sarani, A. - Nicula, C. - Gonzales, X. F. - Thiyagarajan, M.: Characterization of Kilohertz-Ignited Nonthermal He and He/O-2 Plasma Pencil for Biomedical Applications. In: *IEEE Transactions on Plasma Science*, Vol. 42, No. 10, 2014, s. 3148-3160 - SCI ; SCOPUS
- [o1] 2014 Su, L. - Kumar, R. - Ogungbesan, B. - Sassi, M.: Experimental investigation of gas heating and dissociation in a microwave plasma torch at atmospheric pressure. In: *Energy Conversion and Management*, Vol. 78, 2014, s. 695-703 - SCI ; SCOPUS
- [o1] 2014 Tamosiunas, A. - Valatkevicius, P. - Grigaitiene, V. - Valincius, V.: Operational parameters of thermal water vapor plasma torch and diagnostics of generated plasma jet. In: *Romanian Reports in Physics*, Vol. 66, No. 4, 2014, s. 1125-1136 - SCI ; SCOPUS
- [o1] 2015 Attri, P. - Kumar, N. - Park, J. H. - Yadav, D. K. - Choi, S. - Uhm, H. S. - Kim, I. T. - Choi, E. H. - Lee, W.: Influence of reactive species on the modification of biomolecules generated from the soft plasma. In: *Scientific Reports*, Vol. 5, 2015, Art. No. 8221 - SCI ; SCOPUS
- [o1] 2015 Bayram, S. B. - Arndt, P. T. - Freamat, M. V.: Rotational spectra of N-2(+): An advanced undergraduate laboratory in atomic and molecular spectroscopy. In: *American Journal of Physics*, Vol. 83, No. 10, 2015, s. 867-872 - SCI ; SCOPUS
- [o1] 2015 Belmonte, T. - Noel, C. - Gries, T. - Martin, J. - Henrion, G.: Theoretical background of optical emission spectroscopy for analysis of atmospheric pressure plasmas. In: *Plasma Sources Science & Technology*, Vol. 24, No. 6, 2015, Art.No. 064003 - SCI ; SCOPUS
- [o1] 2015 Bierstedt, A. - Panne, U. - Rurack, K. - Riedel, J.: Characterization of two modes in a dielectric barrier discharge probe by optical emission spectroscopy and time-of-flight mass spectrometry. In: *Journal of Analytical Atomic Spectrometry*, Vol. 30, No. 12, 2015, s. 2496-2506 - SCI ; SCOPUS
- [o1] 2015 Dahle, S. - Hirschberg, J. - Viöl, W. - Maus-Friedrichs, W.: Gas purification by the plasma-oxidation of a rotating sacrificial electrode. In: *Plasma Sources Science and Technology*, Vol. 24, No. 3, 2015, Art. No. 035021 - SCOPUS
- [o1] 2015 Elsaadany, M. - Subramanian, G. - Ayan, H. - Yildirim-Ayan, E.: Exogenous nitric oxide (NO) generated by NO-plasma treatment modulates osteoprogenitor cells early differentiation. In: *Journal of Physics D-Applied Physics*, Vol. 48, No. 34, 2015, Art. No. 345401 - SCI ; SCOPUS
- [o1] 2015 Hrycak, B. - Czyłkowski, D. - Miotk, R. - Dors, M. - Jasinski, M. - Mizeraczyk, J.: Hydrogen production from ethanol in nitrogen microwave plasma at atmospheric pressure. In: *Open Chemistry*, Vol. 13, No. 1, 2015, s. 317-324 - SCI
- [o1] 2015 Imai, S. I. - Kumagai, H. - Iwata, M. - Onodera, M. - Suzuki, M. A.: In-Water Plasma Generation on a Liquid Wall Using a Compact Device and Dedicated Power Supply. In: *IEEE Transactions on Plasma Science*, Vol. 43, No. 7, 2015, s. 2166-2173 - SCI ; SCOPUS
- [o1] 2015 Inokuchi, M. - Akiyama, M. - Shimizu, T. - Sakugawa, T. - Akiyama, H.: Characteristics of microplasma jet using air flow and pulsed power. In: *IEEJ Transactions on Fundamentals and Materials*, Vol. 135, No. 9, 2015, s. 522-528 - SCOPUS

- [o1] 2015 Li, W. - Yin, Z. - Cheng, X. - Hang, W. - Li, J. - Huang, B.: Pulsed microdischarge with inductively coupled plasma mass spectrometry for elemental analysis on solid metal samples. In: *Analytical Chemistry*, Vol. 87, No. 9, 2015, s.4871-4878 - SCI ; SCOPUS
- [o1] 2015 Mashayekh, S. - Rajaei, H. - Akhlaghi, M. - Shokri, B. - Hassan, Z. M.: Atmospheric-pressure plasma jet characterization and applications on melanoma cancer treatment (B/16-F10). In: *Physics of Plasmas*, Vol. 22, No. 9, 2015, Art. No.093508 - SCI ; SCOPUS
- [o1] 2015 Misra, N. - Cullen, P. - Barba, F. - Lik Hii, C. - Jaeger, H. - Schmidt, J. - Kovács, A. - Yoshida, H.: Emerging macroscopic pretreatment. In: *Food Waste Recovery: Processing Technologies and Industrial Techniques*, 2015, s. 197-225 -SCOPUS
- [o1] 2015 Nelson, J. - Gilleland, G. - Poirier, L. - Leong, D. - Hajdu, P. - Lopez-Linares, F.: Elemental Analysis of Crude Oils Using Microwave Plasma Atomic Emission Spectroscopy. In: *Energy & Fuels*, Vol. 29, No. 9, 2015, s. 5587-5594 - SCI; SCOPUS
- [o1] 2015 Ouf, S. A. - El-Adly, A. A. - Mohamed, A. A. H.: Inhibitory effect of silver nanoparticles mediated by atmospheric pressure air cold plasma jet against dermatophyte fungi. In: *Journal of Medical Microbiology*, Vol. 64, 2015, s.1151-1161 - SCI ; SCOPUS
- [o1] 2015 Palomares, J. M. - Kohut, A. - Galbacs, G. - Engeln, R. - Geretovszky, Z.: A time-resolved imaging and electrical study on a high current atmospheric pressure spark discharge. In: *Journal of Applied Physics*, Vol. 118, No. 23, 2015, Art. No. 233305 - SCI ; SCOPUS
- [o1] 2015 Prevosto, L. - Kelly, H. - Mancinelli, B. - Chamorro, J. C. - Cejas, E.: On the physical processes ruling an atmospheric pressure air glow discharge operating in an intermediate current regime. In: *Physics of Plasmas*, Vol. 22, No. 2, 2015, Art. No. 023504 - SCI ; SCOPUS
- [o1] 2015 Saad, N. - Mustaffa, M. - Nor, R. - Shahrman, A. - Akitsu, T.: Optical emission spectroscopy analysis of atmospheric plasma jet plume on bacteria inactivation. In: *Jurnal Teknologi*, Vol. 77, No. 6, 2015, s. 77-81 - SCOPUS
- [o1] 2015 Zhou, R. - Zhang, X. - Bi, Z. - Zong, Z. - Niu, J. - Song, Y. - Liu, D. - Yang, S.: Inactivation of *Escherichia coli* Cells in Aqueous Solution by Atmospheric-Pressure N₂, He, Air, and O₂ Microplasmas. In: *Applied and Environmental Microbiology*, Vol. 81, No. 15, 2015, s. 5257-5265 - SCI ; SCOPUS
- [o1] 2016 Anderson, C. - Cha, N. - Lindsay, A. - Clark, D. - Graves, D.: The Role of Interfacial Reactions in Determining Plasma Liquid Chemistry. In: *Plasma Chemistry and Plasma Processing*, Vol. 36, No. 6, 2016, s. 1393-1415 - SCI ; SCOPUS
- [o1] 2016 Demkin, V. - Melnichuk, S. - Demkin, O. - Kingma, H. - Van De Berg, R.: Spectroscopic studies of non-thermal plasma jet at atmospheric pressure formed in low-current nonsteady-state plasmatron for biomedical applications. In: *Physics of Plasmas*, Vol. 23, No. 4, 2016, Art. No. 043509 - SCOPUS
- [o1] 2016 Du, Y. - Peng, Z. - Ding, Y. - Sadeghi, N. - Bruggeman, P. J.: Is it possible to deduce the ground state OH density from relative optical emission intensities of the OH(A(2)Sigma(+)-X(2)Pi(i)) transition in atmospheric pressure non-equilibrium plasmas?-An analysis of self-absorption. In: *Plasma Sources Science & Technology*, Vol. 25, No. 4, 2016, Art. No. 04LT02 - SCI ; SCOPUS
- [o1] 2016 Jofre-Reche, J. - Pulpytel, J. - Arefi-Khonsari, F. - Miguel Martin-Martinez, J.: Increased adhesion of polydimethylsiloxane (PDMS) to acrylic adhesive tape for medical use by surface treatment with an atmospheric pressure rotating plasma jet. In: *Journal of Physics D-Applied Physics*, Vol. 49, No. 33, 2016, Art. No. 33400 - SCI ; SCOPUS
- [o1] 2016 Li, X. - Zhang, P. - Bao, W. - Jia, P. - Chu, J.: Two modes of a plasma jet excited by a direct current voltage. In: *Plasma Sources Science & Technology*, Vol. 25, No. 2, 2016, Art. No. 025022 - SCI ; SCOPUS
- [o1] 2016 Lowery, K. - McSweeney, T. - Adhikari, S. - Lachgar, A. - Donati, G.: Signal correction using molecular species to improve biodiesel analysis by microwave-induced plasma optical emission spectrometry. In: *Microchemical Journal*, Vol.129, 2016, s. 58-62 - SCI ; SCOPUS
- [o1] 2016 Lu, X. - Naidis, G. V. - Laroussi, M. - Reuter, S. - Graves, D. B. - Ostrikov, K.: Reactive species in non-equilibrium atmospheric-pressure plasmas: Generation, transport, and biological effects. In: *Physics Reports-Review Section of Physics Letters*, Vol. 630, 2016, s. 1-84 - SCI ; SCOPUS

- [o1] 2016 Misra, N. N. - Segat, A. - Cullen, P. J.: Atmospheric-Pressure Non-Thermal Plasma Decontamination of Foods. In: *Advances in Food Biotechnology*. Chichester : John Wiley & Sons Ltd, 2016, s. 565-574 - BKCI-S
- [o1] 2016 Park, J. H. - Kim, M. - Shiratani, M. - Cho, A. E. - Choi, E. H. - Attri, P.: Variation in structure of proteins by adjusting reactive oxygen and nitrogen species generated from dielectric barrier discharge jet. In: *ScientificReports*, Vol. 6, 2016, Art. No. 35883 - SCI ; SCOPUS
- [o1] 2016 Subannajui, K.: Super-fast synthesis of ZnO nanowires by microwave air-plasma. In: *Chemical Communications*, Vol. 52, No. 15, 2016, s. 3195-3198 - SCI ; SCOPUS
- [o1] 2016 Tiede, R. - Hirschberg, J. - Vioel, W. - Emmert, S.: A μ s-Pulsed Dielectric Barrier Discharge Source: Physical Characterization and Biological Effects on Human Skin Fibroblasts. In: *Plasma Processes and Polymers*, Vol. 13, No. 8, 2016, s. 775-787 - SCI ; SCOPUS
- [o1] 2016 Tyler, N. J. C. - Stokkan, K. A. - Hogg, C. R. - Nellemann, C. - Vistnes, A. I.: Cryptic impact: Visual detection of corona light and avoidance of power lines by reindeer. In: *Wildlife Society Bulletin*, Vol. 40, No. 1, 2016, s. 50-58- SCI ; SCOPUS
- [o1] 2016 Vorobioff, J. - Boggio, N. - Moncayo, S. - Caceres, J. O. - Rinaldi, C. A.: Corona discharge induced plasma spectroscopy (CDIPS) for quantitative analysis of gas mixtures. In: *Journal of Analytical Atomic Spectrometry*, Vol. 31, No.10, 2016, s. 2053-2059 - SCI ; SCOPUS
- [o1] 2016 Whitehead, J. C. - Prantsidou, M.: Investigation of hydrocarbon oil transformation by gliding arc discharge: comparison of batch and recirculated configurations. In: *Journal of Physics D-Applied Physics*, Vol. 49, No. 15, 2016, Art.No. 154001 - SCI ; SCOPUS
- [o1] 2016 Yamada, H. - Sakakita, H. - Kato, S. - Kim, J. - Kiyama, S. - Fujiwara, M. - Itagaki, H. - Okazaki, T. - Ikehara, S. - Nakanishi, H. - Shimizu, N. - Ikehara, Y.: Spectroscopy of reactive species produced by low-energyatmospheric-pressure plasma on conductive target material surface. In: *Journal of Physics D-Applied Physics*, Vol. 49, No. 39, 2016, Art. No. 394001 - SCI ; SCOPUS
- [o1] 2016 Yao, S. - Weng, S. - Tang, Y. - Zhao, C. - Wu, Z. - Zhang, X. - Yamamoto, S. - Kodama, S.: Characteristics of OH production by O-2/H2O pulsed dielectric barrier discharge. In: *Vacuum*, Vol. 126, 2016, s. 16-23 - SCI ; SCOPUS
- [o1] 2016 Yu, B. - Blaesi, A. H. - Casey, N. - Raykhtsaum, G. - Zazzeron, L. - Jones, R. - Morrese, A. - Dobrynin, D. - Malhotra, R. - Bloch, D. B. - Goldstein, L. E. - Zapol, W. M.: Detection and removal of impurities in nitric oxidegenerated from air by pulsed electrical discharge. In: *Nitric Oxide-Biology and Chemistry*, Vol. 60, 2016, s. 16-23 - SCI ; SCOPUS
- [o1] 2017 Bansode, A. S. - More, S. E. - Siddiqui, E. A. - Satpute, S. - Ahmad, A. - Bhoraskar, S. V. - Mathe, V. L.: Effective degradation of organic water pollutants by atmospheric non-thermal plasma torch and analysis of degradationprocess. In: *Chemosphere*, Vol. 167, 2017, s. 396-405 - SCI ; SCOPUS
- [o1] 2017 Belov, I. - Vanneste, J. - Aghae, M. - Paulussen, S. - Bogaerts, A.: Synthesis of Micro- and Nanomaterials in CO2 and CO Dielectric Barrier Discharges. In: *Plasma Processes and Polymers*, Vol. 14, No. 3, 2017, Art. No. 1600065 - SCI; SCOPUS
- [o1] 2017 Bansode, A. S. - More, S. E. - Siddiqui, E. A. - Satpute, S. - Ahmad, A. - Bhoraskar, S. V. - Mathe, V. L.: Effective degradation of organic water pollutants by atmospheric non-thermal plasma torch and analysis of degradation nprocess. In: *Chemosphere*, Vol. 167, 2017, s. 396-405 - SCI ; SCOPUS
- [o1] 2017 Belov, I. - Vanneste, J. - Aghae, M. - Paulussen, S. - Bogaerts, A.: Synthesis of Micro- and Nanomaterials in CO2 and CO Dielectric Barrier Discharges. In: *Plasma Processes and Polymers*, Vol. 14, No. 3, 2017, Art. No. 1600065 - SCI; SCOPUS
- [o1] 2017 Rezaei, F. - Dickey, M. - Bourham, M. - Hauser, P.: Surface modification of PET film via a large area atmospheric pressure plasma: An optical analysis of the plasma and surface characterization of the polymer film. In: *Surface and Coatings Technology*, Vol. 309, 2017, s. 371-381 - SCI ; SCOPUS
- [o1] 2017 Sarangapani, C. - Dixit, Y. - Milosavljevic, V. - Bourke, P. - Sullivan, C. - Cullen, P. J.: Optimization of atmospheric air plasma for degradation of organic dyes in wastewater. In: *Water Science and Technology*, Vol. 75, No. 1, 2017, s. 207-219 - SCI ; SCOPUS
- [o1] 2017 Sun, H. - Lee, J. - Im, S. K. - Bak, M. S.: Optical emission spectroscopic studies on atmospheric electrodeless microwave plasma in carbon dioxide-hydrogen mixture. In: *IEEE Transactions on Plasma Science*, Vol. 45, No. 12, 2017, s.3154-3159 - SCI ; SCOPUS

- [o1] 2017 Wang, B. - Liu, D. - Zhang, Z. - Li, Q. - Liu, Z. - Guo, L. - Wang, X. - Kong, M. G.: A novel large-scale plasma source: two discharge modes and their correlation to the production of aqueous reactive species. In: *Journal of Physics D- Applied Physics*, Vol. 50, No. 30, 2017, Art. No. 305202 - SCI ; SCOPUS
- [o1] 2017 Xu, L. - Garner, A. L. - Tao, B. - Keener, K. M.: Microbial inactivation and quality changes in orange juice treated by high voltage atmospheric cold plasma. In: *Food and Bioprocess Technology*, Vol. 10, No. 10, 2017, s. 1778-1791 -SCI ; SCOPUS
- [o1] 2017 Ye, Z. - Veerapandian, S. K. P. - Onyshchenko, I. - Nikiforov, A. - De Geyter, N. - Giraudon, J. M. - Lamonier, J. F. - Morent, R.: An in-depth investigation of toluene decomposition with a glass beads-packed bed dielectric barrier discharge reactor. In: *Industrial & Engineering Chemistry Research*, Vol. 56, No. 37, 2017, s. 10215-10226 - SCI ; SCOPUS
- [o1] 2017 Zeniou, A. - Puac, N. - Skoro, N. - Selakovic, N. - Dimitrakellis, P. - Gogolides, E. - Petrovic, Z.: Electrical and optical characterization of an atmospheric pressure, uniform, large-area processing, dielectric barrier discharge. In: *Journal of Physics D: Applied Physics*, Vol. 50, No. 13, 2017, Art. No. 135204 - SCI ; SCOPUS
- [o1] 2017 Zimmerman, J. W. - Palla, A. D. - Carroll, D. L. - Hristov, G. K. - Ansell, P. J.: Plasma actuator with arc breakdown in a magnetic field for active flow control applications. In: *48th AIAA Plasmadynamics and Lasers Conference, 2017*. Reston : AIAA, 2017, Art. No. 192609 - SCOPUS
- [o1] 2017 Abourayana, H. M. - Milosavljevic, V. - Dobbyn, P. - Dowling, D. P.: Evaluation of the effect of plasma treatment frequency on the activation of polymer particles. In: *Plasma Chemistry and Plasma Processing*, Vol. 37, No. 4, 2017, s.1223-1235 - SCI ; SCOPUS
- [o1] 2017 Almarashi, J. Q. M. - Alhazime, A. A. - Ellabban, M. A. - Mohamed, A. A. H.: Spectroscopic investigation of the plasma jet interaction with water. In: *Frontiers in Theoretical and Applied Physics/UAE 2017 : Journal of Physics Conference Series*, Vol. 869. Bristol : IOP Publishing, 2017, Art. No. 012072 - CPCI-S ; SCOPUS
- [o1] 2017 Dimitrakellis, P. - Gogolides, E. - Zeniou, A. - Awsuik, K. - Rysz, J. - Marzec, M. M.: Transition between stable hydrophilization and fast etching/hydrophilization of poly(methyl) methacrylate polymer using a novel atmospheric pressure dielectric barrier discharge source. In: *Journal of Vacuum Science & Technology A*, Vol. 35, No. 4, 2017, Art. No. 041303 - SCI ; SCOPUS
- [o1] 2017 Du, Y. - Nayak, G. - Oinuma, G. - Ding, Y. - Peng, Z. - Bruggeman, P. J.: Emission considering self-absorption of OH to simultaneously obtain the OH density and gas temperature: validation, non-equilibrium effects and limitations. In: *Plasma Sources Science & Technology*, Vol. 26, No. 9, 2017, Art. No. 095007 - SCI ; SCOPUS
- [o1] 2017 Kwon, S. K. - Park, S. J. - Won, I. H. - Ahn, C. - Sim, J. Y.: Microwave Plasma Generation With Resonance Frequency Tracking and Power Regulation. In: *IEEE Transactions on Plasma Science*, Vol. 45, No. 6, 2017, s. 925-931 - SCI ; SCOPUS
- [o1] 2017 Liao, Y. H. - Sun, M. C. - Lai, R. Y.: Application of Plasma Discharges to the Ignition of a Jet Diffusion Flame. In: *Proceedings of the Asme Fluids Engineering Division Summer Meeting, 2017, Vol 1c*. New York : ASME, 2017, Art. No. V01CT23A023 - CPCI-S ; SCOPUS
- [o1] 2017 Liu, S. - Cai, Y. - Yu, Y. L. - Wang, J. H.: A miniature liquid electrode discharge-optical emission spectrometric system integrating microelectrodialysis for potassium screening in serum. In: *Journal of Analytical Atomic Spectrometry*, Vol. 32, No. 9, 2017, s. 1739-1745 - SCI ; SCOPUS
- [o1] 2017 Mašláni, A. - Sember, V. - Hrabovský, M.: Spectroscopic determination of temperatures in plasmas generated by arc torches. In: *Spectrochimica Acta Part B-Atomic Spectroscopy*, Vol. 133, 2017, s. 14-20 - SCI ; SCOPUS
- [o1] 2017 Merola, S. S. - Di Iorio, S. - Irimescu, A. - Sementa, P. - Vaglieco, B. M.: Spectroscopic characterization of energy transfer and thermal conditions of the flame kernel in a spark ignition engine fueled with methane and hydrogen. In: *International Journal of Hydrogen Energy*, Vol. 42, No. 18, 2017, s. 13276-13288 - SCI ; SCOPUS
- [o1] 2017 Pachuiilo, M. V. - Stefani, F. - Bengtson, R. D. - Dipti, - Srivastava, R. - Raja, L. L.: Dynamics of surface streamer plasmas at atmospheric pressure: Mixtures of argon and methane. In: *IEEE Transactions on Plasma Science*, Vol. 45, No. 7, 2017, s. 1776-1787 - SCI ; SCOPUS
- [o1] 2018 Duan, Z. - He, F. - Si, X. - Bradley, J. W. - Ouyang, J.: Experimental study of atmospheric-pressure microplasmas for the ambient sampling of conductive materials. In: *Journal of Physics D: Applied Physics*, Vol. 51, No. 6, 2018, Art. No. 065201 - SCI ; SCOPUS
- [o1] 2018 He, Y. - Uehara, S. - Takana, H. - Nishiyama, H.: Experimental and theoretical study on chemical reactions and species diffusion by a nano-pulse discharged bubble for water treatment. In: *European Physical Journal D*, Vol. 72, No. 1, 2018, Art. No. 11 - SCI ; SCOPUS
- [o1] 2018 Hong, J. - Praver, S. - Murphy, A. B.: Plasma catalysis as an alternative route for ammonia production: status, mechanisms, and prospects for progress. In: *ACS Sustainable Chemistry and Engineering*, Vol. 6, No. 1, 2018, s. 15-31 - SCI ; SCOPUS

- [11] ADC11 Leštinská, Lenka - **Foltin, Viktor** - Machala, Zdenko: Atmospheric pressure nitrogen microwave plasma
In: IEEE Transactions on Plasma Science. - Vol. 36, No. 4 (2008), s. 962-963
Indikátor časopisu: IF (JCR) 2008=1,447
Ohlasy (4):
- [o1] 2011 Walsh J. L. - Kong M. G.: Portable nanosecond pulsed air plasma jet. In: Applied Physics Letters, Vol. 99, No. 8, 2011, Art. No. 081501 - SCI ; SCOPUS
- [o1] 2015 Li, S. Z. - Chen, C. J. - Zhang, J. - Wang, Y. X. - Li, H.: Characteristic investigation of an Atmospheric-Pressure Microwave N-2-Ar Plasma Torch. In: IEEE Transactions on Plasma Science, Vol. 43, No. 5, 2015, s. 1683-1687 - SCI ; SCOPUS
- [o1] 2015 Li, S. Z. - Chen, C. J. - Zhang, X. - Zhang, J. - Wang, Y. X.: Spectroscopic diagnosis of an atmospheric-pressure waveguide-based microwave N2-Ar plasma torch. In: Plasma Sources Science and Technology, Vol. 24, No. 2, 2015, Art. No.025003 - SCI ; SCOPUS
- [o1] 2017 Rosario, L. M. D. - Lee, H. V. ., J. - Penafiel, E. - Ramos, H. J. - Bo-ot, L. M. T. - Fischer, R. V. - Tumlos, R. B.: Characterization of a Microwave-Induced Atmospheric-Pressure Ar-N-2 Plasma Pencil. In: IEEE Transactions on PlasmaScience, Vol. 45, No. 2, 2017, s. 301-309 - SCI ; SCOPUS

ADE Vedecké práce v ostatných zahraničných časopisoch

- [16] ADE02 Foltinová, Janka - **Foltin, Viktor** - Neu, Eva: Occurrence of lead in placenta-important information for prenatal and postnatal development of child
In: Neuroendocrinology Letters. - Vol. 28, No. 4 (2007), s. 335-340
Indikátor časopisu: IF (JCR) 2007=1,443
Ohlasy (11):
- [o1] 2008 Bezek, S. - Ujhazy, E. - Dubovicky, M. - Mach, M.: Nongenomic memory of foetal history in chronic diseases development. In: Neuroendocrinology Letters, Vol. 29, No. 5, 2008, s. 620-626 - SCI ; SCOPUS
- [o1] 2008 Ferianec, V. - Redecha, M. - Brucknerova, I. - Holly, I. - Holoman, K.: An alternative management for growth retarded fetus with absent end-diastolic velocity in umbilical artery and normal cardiotocography. In: NeuroendocrinologyLetters, Vol. 29, No. 5, 2008, s. 635-638 - SCI ; SCOPUS
- [o3] 2008 Pebe, G. - Villa, H. - Escate, L. - Cervantes, G.: Niveles de plomo sanguíneo en recién nacidos de la oroya, 2004-2005. In: Revista Peruana de Medicina Experimental y Salud Publica, Vol. 25, No. 4, 2008, s. 355-360
- [o1] 2008 Nampoothiri, L. P. - Gupta, S.: Biochemical effects of gestational coexposure to lead and cadmium on reproductive performance, placenta, and ovary. In: Journal of Biochemical and Molecular Toxicology, Vol. 22, No. 5, 2008, s. 337-344- SCI ; SCOPUS
- [o1] 2008 Rokyta, R.: Fetal pain. In: Neuroendocrinology Letters, Vol. 29, No. 6, 2008, s. 807-814 - SCI ; SCOPUS
- [o1] 2009 Kovarova, J. - Celechovska, O. - Kizek, R. - Adam, V. - Harustiakova, D. - Svobodova, Z.: Effect of metals, with special attention of Cd, content of the Svitava and Svratka rivers on levels of thiol compounds in fish liver and their use as biochemical markers. In: Neuroendocrinology Letters, Vol. 30, Suppl. 1, 2009, s. 169-176 - SCI ; SCOPUS
- [o1] 2010 Hogberg, H. T. - Kinsner-Ovaskainen, A. - Coecke, S. - Hartung, T. - Bal-Price, A. K.: mRNA expression is a relevant tool to identify developmental neurotoxicants using an in vitro approach. In: Toxicological Sciences, Vol. 113, No.1, 2010, s. 95-115 - SCI ; SCOPUS
- [o2] 2011 Ptáček, R. - Kuželová, H.: Methylphenidate and growth in ADHD children. In: Activitas Nervosa Superior Rediviva, Vol. 53, No. 2, 2011, s. 45-48 - SCOPUS
- [o1] 2012 Huang, P. C. - Su, P. H. - Chen, H. Y. - Huang, H. B. - Tsai, J. L. - Huang, H. I. - Wang, S. L.: Childhood blood lead levels and intellectual development after ban of leaded gasoline in Taiwan: A 9-year prospective study. In: Environment International, vol. 40, no. 1, 2012, s. 88-96 - SCI ; SCOPUS
- [o1] 2013 Srikanth, K. - Pereira, E. - Duarte, A. C. - Ahmad, I.: Glutathione and its dependent enzymes' modulatory responses to toxic metals and metalloids in fish-a review. In: Environmental Science and Pollution Research, Vol. 20, No. 4, 2013, s. 2133-2149 - SCI ; SCOPUS

[o1] 2016 Viktorinova, A. - Ursinyova, M. - Trebaticka, J. - Uhnakova, I. - Durackova, Z. - Masanova, V.: Changed plasma levels of zinc and copper to zinc ratio and their possible associations with parent- and teacher-rated symptoms in children with attention-deficit hyperactivity disorder. In: Biological Trace Element Research, Vol. 169, No. 1, 2016, s. 1-7 - SCI ; SCOPUS

[17] ADE03 Foltinová, Janka - **Foltin, Viktor** - Morvová, Marcela - Neu, Eva - Šimera, Michal: Placenta and umbilical cord blood deserve attention

In: Neuroendocrinology Letters. - Vol. 31, No. 1 (2010), s. 47-55

Indikátor časopisu: IF (JCR) 2010=1,621

Ohlasy (2):

[o1] 2010 Milnerowicz-Nabzdyk, E. - Zimmer, M. - Tlodka, J. - Michiniewicz, J. - Pomorski, M. - Wiatrowski, A.: Umbilical cord morphology in pregnancies complicated by IUGR in cases of tobacco smoking and pregnancy-induced hypertension. In: Neuroendocrinology Letters, vol. 31, no. 6, 2010, s. 842-847 - SCI ; SCOPUS UKOLFUK

[o1] 2011 Ptáček, R. - Kuželová, H.: Activitas Nervosa Superior Rediviva, vol. 53, no. 2, 2011, s. 45-48 - SCOPUS UKOLFUK

[18] ADE04 **Foltin, Viktor** - Foltinová, Janka - Neu, Eva - Morvová, Marcela - Lettrichová, Ivana: Placenta - organ important for fetus and interesting for the rise of the Attention Deficit Hyperactivity Disorder Syndrome - interdisciplinary study

In: Neuroendocrinology Letters. - Vol. 32, No. 1 (2011), s. 44-50

Indikátor časopisu: IF (JCR) 2011=1,296

Ohlasy (3):

[o1] 2011 Ptacek, R. - Kuzelova, H. - Stefano, G. B.: Dopamine D4 receptor gene DRD4 and its association with psychiatric disorders. In: Medical Science Monitor, Vol. 17, No. 9, 2011, s. RA215-RA220 - SCI ; SCOPUS

[o1] 2014 Ptacek, R. - Kuzelova, H. - Stefano, G. B. - Raboch, J. - Kream, R. M. - Goetz, M.: ADHD and growth: questions still unanswered. In: Neuroendocrinology Letters, Vol. 35, No. 1, 2014, s. 1-6 - SCI ; SCOPUS

[o1] 2016 Gillio-Meina, C. - Zielke, H. R. - Fraser, D. D.: Translational Research in Pediatrics IV: Solid Tissue Collection and Processing. In: Pediatrics, Vol. 137, No. 1, 2016, Art. No. e20150490 - SCI ; SCOPUS

ADF Vedecké práce v ostatných domácich časopisoch

[22] ADF01 Rísová, Vanda - Foltinová, Janka - **Foltin, Viktor** - Morvová, Marcela: Interdisciplinary contribution to the study of placenta

In: Slovenská antropológia: bulletin Slovenskej antropológickej spoločnosti pri SAV. -Roč. 8, č.1 (2005), s.178-181

Ohlasy (1):

[o4] 2006 Tomo, I. M. - Varga, I. - Mikušová, R. - Polák, Š. - Tomo jr. I. - Tóth, F. - Kokavec, R. - Barteková-Tomová, S.: Extrémne faktory ovplyvňujúce normogénzu embrya a plodu. In: Verejné zdravotníctvo, No. 1, 2006, s. 8-14

AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch

[42] AEG08 Michailov, C. - Neu, Eva - **Foltin, Viktor** - Gormanns, R. - Seidenbusch, Walter - Welscher, U.: Complex cardiovascular reactions effects of drugs (anaesthetic and MEG) and X-irradiation on blood pressure, vasomotor and electrical activity(myocytes)

In: Fundamental & Clinical Pharmacology. - Vol. 18, Suppl. 1 (2004), s. 109

[Congress of the Federation of the European Pharmacological Societies. 4th, Porto, 17.-19.7.2004]

[Serotonin Satellite Meeting. Porto, 17.-19.7.2004]

Ohlasy (1):

[o4] 2012 Foltinová, J. - Polák, Š.: Histológia pre poslucháčov biomedicínskej fyziky. Bratislava : Univerzita Komenského, 2012, S. 248

- [46] **AEG12** Neu, Eva - Martin, Daniéle - **Foltin, Viktor** - Gornik, Erich - Seidenbusch, Walter - Michailov, Michael C.: Influence of Ba on electrical and motor vesical activity
In: European Biophysics Journal with Biophysics Letters. - Vol. 36, Suppl. 1 (2007), s. S151
[EBSA European Biophysics Congress 2007. 6th, London, 14.-18.7.2007]
[British Biophysical Society Congress 2007. London, 14.-18.7.2007]

Ohlasy (1):

[o4] 2012 Foltinová, J. - Polák, Š.: Histológia pre poslucháčov biomedicínskej fyziky. Bratislava : Univerzita Komenského, 2012, S. 248

AFB Publikované príspevky na zahraničných vedeckých konferenciách

- [62] **AFB09** Machala, Zdenko - Jedlovský, Igor - Hensel, Karol - Martišovitš, Viktor - **Foltin, Viktor**: Biological effects of DC discharges in atmospheric air with water
Lit. 9 záz., 6 obr.
In: HAKONE X : Contributed Papers. - Saga : Saga University, 2006. - S. 277-283
[HAKONE 2006 : International Symposium on High Pressure Low Temperature Plasma Chemistry. 10th, Saga, 4.-8.9.2006]

Ohlasy (1):

[o1] 2015 Merola, S. S. - Irimescu, A. - Tornatore, C. - Marchitto, L. - Valentino, G.: Split Injection in a DISI Engine Fuelled with Butanol and Gasoline Analyzed through Integrated Methodologies. In: SAE International Journal of Engines, Vol. 8, No. 2, 2015, s. 474-494 - SCOPUS

AFD Publikované príspevky na domácich vedeckých konferenciách

- [68] **AFD04** Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Zlatoš, Jozef - Neu, Eva: Placenta as a biomarker of polluted environment
Lit. 5 záz.
In: Zborník prác venovaných 80. narodeninám prof. MUDr. G. Čierneho, DrSc. - Bratislava : Asklepios, 2004. - S. 30-32. - ISBN 80-7167-071-5
[Slávnostný seminár venovaný 80. narodeninám prof. MUDr. G. Čierneho, DrSc. Bratislava, 22.1.2004]

Ohlasy (2):

[o4] 2006 Vráblová, V. - Šimera, M. - Seidenbusch, W.: Investigation of the presence of lead in placenta. In: Morphology of today in memory of prof. Ivan Stanek 90th birthday anniversary. Bratislava : Univerzita Komenského, 2006, S. 88-92

[o4] 2008 Vráblová-Risová, V.: Ľudská placenta - orgán, na ktorý je dnes sústredená pozornosť. In: Neonatologické zvesti, Roč. 12, č. 1, 2008, s. 10

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií

- [91] **AFG07** Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Neu, Eva: Placenta, umbilical blood and polluted environment
In: International Congress on Environmental Health. - Hanover : Medical School, 2000. - S. 80
[Environmental Health : International Congress. Hanover, 1.-4.10.2000]
[Annual Meeting of the International Society of Environmental Medicine. 4th, Hanover, 1.-4.10.2000]

Ohlasy (2):

[o4] 2006 Vráblová, V. - Šimera, M. - Seidenbusch, W.: Investigation of the presence of lead in placenta. In: Morphology of today in memory of prof. Ivan Stanek 90th birthday anniversary. Bratislava : Univerzita Komenského, 2006, S. 88-92

[o4] 2008 Vráblová-Risová, V.: Ľudská placenta - orgán, na ktorý je dnes sústredená pozornosť. In: Neonatologické zvesti, Roč. 12, č. 1, 2008, s. 10

6.3 Prehľad riešených výskumných úloh a projektov

Mgr. et Mgr. Viktor Foltin, PhD.

□ **Zodpovedný riešiteľ domácich projektov:**

(1) - VEGA 1/3043/06: Štúdium dynamiky a kinetiky reakcií v zhasanej plazme medzi dlho žijúcimi aktívnymi stavmi tranzientných molekúl a excitovaných radikálov vyskytujúcich sa v Dieselových motoroch a atmosférických procesoch.

(2) - 193/2002/UK: Vyšetrovanie disociatívneho elektrónového záchytu na halogénuhlovodíkových molekúlach pri nízkych energiách

□ **Spoluriešiteľ medzinárodných projektov:**

(3) -1. Aktion Austria-Slovakia, project 29s15: “Elektronenanlagerung an Cluster – Umweltapplikationen, Part II.”, project leader: Prof. RNDr. Ján D. Skalný, CSc. [during 2000-2001]

(4) -2. EUROATOM - EU, project Fixed Contribution Contract FU05-CT-2000-00011: “Electron impact ionization of edge plasma constituents and electron attachment of hydrogen compounds”, project leader: Prof. RNDr. Ján D. Skalný, CSc., [during 2000-2003]

(5) -3. Aktion Austria-Slovakia, 3 projekty: project 31s8, 33s8, 37s1: “Study of different changes of microscopic structure responsible for mucociliary clearance in the industrially polluted environment”, project leader: Doc MUDr. Janka Foltinová, CSc., [during 2000, 2001, 2002]

(6) -4. MAAE-IAEA (International Atomic Energy Agency) project RBF – 11726/RFB: “Electron impact ionization and electron attachment to edge plasma constituents ” project leader Doc. Dr. Štefan Matejčík [during 2001-2002]

(7) -5. EU network EPIC 5RP: “Electron and positron induced chemistry ”; project leader Doc. Dr. Štefan Matejčík [during 2002-2003]

(8) -6. USA - NSF project: “Radical chemistry for atmospheric and combustion systems ” project leader Prof. E.R. Bernstein; postdoctoral fellow Viktor Foltin, PhD [21.Sept 2002 – 31. Dec 2003];

(9) -7. Aktion Austria-Slovakia, project 39s8: “Systematic investigation about the energetics involved in electron attachment (EA) to a series of halohydrocarbons. A case study on the influence of the position of the curve crossing in dissociative EA: interplay between autodetachment and dissociation in EA.”, project leader: Prof. RNDr. Peter Lukáč, DrSc., [during 2002, 2003, 2004]

(10) -8. Environmental Medicine, ICSD project 07: “Integrative medicine - Oncotherapy”, project leader: Dr. med. Eva Neu; for physics: Prof. E. Gornik [during 2004, 2005, 2006]

□ **Spoluriešiteľ domácich projektov:**

(11) – 1. VEGA 1/0668/11: Mechanizmy interakcie plazmy s bunkou pre bio-dekontamináciu a medicínske aplikácie
projekt leader: Doc. RNDr., Zdenko, MachalaPhD., [during 2011, 2012, 2013]

6.4 Prehľad prednášok a prednáškových pobytov doma a v zahraničí

Prednášky boli realizované na univerzitných a klinických pracoviskách zapojených do riešenia interdisciplinárneho výskumu – predkladateľ habilitačného spisu je samostaným autorom, prvým autorom, resp. spoluautorom publikovaných výstupov v tomto spise už uvedených.

6.4.1. Príspevky na zahraničných konferenciách:

☐ Vedecké podujatia v zahraničí – aktívna účasť (pre danú kategóriu uvádzam výber publikovaných príspevkov zo zoznamu všetkých prác)

AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch

- (1) - **AEG01 Foltin, Viktor** - Seidenbusch, Walter - Foltinová, Janka: New approach to investigation of the particle deposition in lung : Biophysical study
In: Journal of Aerosol Medicine. - Vol. 8, No. 1 (1995) , s. 110
- (2) - **AEG02 Foltin, Viktor** - Seidenbusch, Walter - Foltinová, Janka: Evaluation of the effect of variously polluted environment on the respiratory system by biophysical methods
In: Progress in Biophysics & Molecular Biology. - Vol. 65, Suppl. 1 (1996), s. 209
[International Biophysics Congress. 12th, Amsterdam, 11.-16.8.1996]
- (3) - **AEG03 Foltinová, Janka** - Seidenbusch, Walter - **Foltin, Viktor**: Effect of polluted environment on the mucociliary clearance in the respiratory system : Interdisciplinary study
In: Allergy. - Vol. 51, No. 30 (1996), s. 62
- (4) - **AEG04 Michailov, M.** - Neu, Eva - Seidenbusch, Walter - Gormanns, R. - Bischof, R. - **Foltin, Viktor**: Thermo-induced changes in the electrical activity of myocytes
In: Progress in Biophysics & Molecular Biology. - Vol. 65, Suppl. 1 (1996), s. 205
[International Biophysics Congress. 12th, Amsterdam, 11.-16.8.1996]
- (5) - **[39] AEG05 Foltinová, Janka** - Schrott-Fischer, A. - **Foltin, Viktor** - Neu, E. - Žilínek, V. - Freysinger, W.: Dependence of the structure of cells on the changes of environment : Interdisciplinary study
In: Epidemiology. - Vol. 13, No. 4 (2002), s. 948
- (6) - **AEG06 Foltinová, Janka** - Schrott-Fischer, A. - Neu, Eva - Žilínek, V. - **Foltin, Viktor** - Freysinger, W.: Is picture of mucocilliary clearance after irradiation important for patient's prognosis ?
In: Journal of Allergy and Clinical Immunology. - Vol. 111, No. 2 (2003), s. S331
- (7) - **AEG07 Foltinová, Janka** - Schrott-Fischer, A. - Žilínek, V. - Freysinger, W. - **Foltin, Viktor**: Irradiation as a hazard for mucociliary clearance
In: Journal of Allergy and Clinical Immunology. - Vol. 113, No. 2, Suppl. (2004), s. 1125
[AAAAI : Annual Meeting. 60th, San Francisco, 19.-23.3.2004]
- (8) - **AEG08 Michailov, C.** - Neu, Eva - **Foltin, Viktor** - Gormanns, R. - Seidenbusch, Walter - Welscher, U.: Complex cardiovascular reactions effects of drugs (anaesthetic and MEG) and X-irradiation on blood pressure, vasomotor and electrical activity(myocytes)
In: Fundamental & Clinical Pharmacology. - Vol. 18, Suppl. 1 (2004), s. 109
[Congress of the Federation of the European Pharmacological Societies. 4th, Porto, 17.-19.7.2004]
[Serotonin Satellite Meeting. Porto, 17.-19.7.2004]
Ohlasy (1):
- (9) - **AEG09 Michailov, Michael C.** - Neu, E. - **Foltin, Viktor** - Broers, D. - Seidenbusch, Walter: Electrical and motor oscillations of vesical detrusor and trigone
In: European Biophysics Journal with Biophysics Letters. - Vol. 34, No. 6 (2005), s. 765
[International Biophysics Congress IUPAB. 15th, Montpellier, 27.8.-1.9.2005]
[International Biophysics Congress EBSA. 5th, Montpellier, 27.8.-1.9.2005]
POZNÁMKA: Vyšlo aj - 15th IUPAB & 5th EBSA International Biophysics Congress. - [Orsay] : [SFB], 2005. - S. 260
- (10) - **AEG10 Michailov, M.** - Neu, Eva - Martin, Danièle - Gornik, E. - **Foltin, Viktor** - Ernst, G. - Staehler, G.: On physiological fundamentals of vesical dysfunction
In: Urology. - Vol. 68, Suppl. 5A (2006), s. 78-79
[Congress of the Société Internationale d'Urologie. 28th, Cape Town, 12.-16.11.2006]

- (11) - **AEG12** Neu, Eva - Martin, Daniéle - **Foltin, Viktor** - Gornik, Erich - Seidenbusch, Walter - Michailov, Michael C.: Influence of Ba on electrical and motor vesical activity
In: European Biophysics Journal with Biophysics Letters. - Vol. 36, Suppl. 1 (2007), s. S151
[EBSA European Biophysics Congress 2007. 6th, London, 14.-18.7.2007]
[British Biophysical Society Congress 2007. London, 14.-18.7.2007]
Ohlasy (1)
- (12) - **AEG14** Foltinová, Janka - **Foltin, Viktor** - Neu, Eva: Calcium and lipids assisted transport of lead in placenta
In: Placenta. - Vol. 30, Iss. 9 (2009), s. A84
[IFPA Meeting. Adelaide, 6.-9.10.2009]
- (13) - **AEG15** M.C. Michailov, E. Neu, T. Senn, N. Moro, I. Ivanova, **V.Foltin**, U.Welscher, S. Ivanova, J. Foltinova, C. Lutge, G. Weber:
Philosophy and psychology in an integrative toxicology
In: Toxicology Letters 258S (2016) S188; Link na abstract: <http://dx.doi.org/10.1016/j.toxlet.2016.06.2116>
- (14) - **AEG16** E. Neu, M.C. Michailov, T. Senn, N. Moro, H. Danler Oppl, I. Ivanova, **V. Foltin**, U.Welscher, M. Bornhausen, D. Martin, E. Gornik, G. Hohlbrugger, H. Madersbacher, M. Schratz, G. Weber:
On education and research in context of integrative toxicology (I): Summary of systematic investigations (2016–1970)
In: Toxicology Letters 258S (2016) S304; Link na abstract: <http://dx.doi.org/10.1016/j.toxlet.2016.06.2116>

AFC Publikované príspevky na zahraničných vedeckých konferenciách

- (15) - **AFC01** Welscher, U. - Michailov, Michael C. - Seidenbusch, Walter - Weiss, D. G. - Magour, Samir - Neu, E. - Danler-Oppl, H. - **Foltin, Viktor** - Gornik, E.: Implications of vasomotor reactions for a combined oncotherapy including IORT : III. Oncell-physiological mechanisms in oncotherapy
In: Intraoperative Radiation Therapy in the Treatment of Cancer. - Basel : Karger, 1997. - S. 32-35. - ISBN 3-8055-6456-2
[Int. IORT Symposium. 6th, San Francisco, 22.-25.9.1996], [San Francisco Cancer Symposium. 31st, 22.-25.9.1996]
- (16) - **AFC03** Matt, S. - Muigg, Daniela - Denifl, Günter - Senn, Gilbert - Sonderegger, M. - Fiegele, Thomas - David, R. - **Foltin, Viktor** - Grill, V. - Scheier, Paul - Deutsch, H. - Becker, K. - Stamatovič, Aleksandar - Märk, Tilman D.: Electron ionization cross sections for atoms, molecules and molecular ions relevant to fusion edge plasmas: Experiment and theory
In: 1998 International Congress on Plasma Physics Combined with 25th European Physical Society Conference on Controlled Fusion and Plasma Physics : Contributed Papers [elektronický zdroj]. - Mulhouse : European Physical Society, 1998. - S. 137-140 [CDROM], [ICPP 1998 : International Congress on Plasma Physics. Praha, 29.6.-3.7.1998]
[Controlled Fusion and Plasma Physics 1998 : European Physical Society Conference. 25th, Praha, 29.6.-3.7.1998]
- (17) - **AFC04** Mikovíny, Tomáš - Holubčík, Lubomír - **Foltin, Viktor** - Matejčík, Štefan] - Jasinski, M. - Skalný, Ján D.: Dissociation of carbon dioxide in negative corona discharge: Simple kinetic model
In: HAKONE VII : Contributed Papers, Vol. 2. - Greifswald : Ernst-Moritz-Arndt-Universität, 2000. - S. 272-276. - ISBN 3-00-006603-9, [HAKONE 2000 : International Symposium on High Pressure Low Temperature Plasma Chemistry. 7th, Greifswald, 10.-13.9.2000]
- (18) - **AFC05** Ipolyi, Imre - Vašeková, Eva - **Foltin, Viktor** - Matejčík, Štefan: Crossed beam studies of electron attachment reactions to halomolecules
In: Physics of Plasmas and Ionized Media, Part II. - Prague : Charles University, 2001. - S. 332-335
[WDS 2001 : Week of Doctoral Students : Annual Conference of Doctoral Students. 10th, Prague, 12.-15.6.2001]
- (19) - **AFC07** Matejčík, Štefan - Ipolyi, Imre - Stano, Michal - **Foltin, Viktor**: Gas temperature effects in dissociative electron attachment to the molecules studied in a crossed beam experiment
In: Joint Conference ESCAMPIG 16-ICRP 5 : Conference Proceedings, Vol. 2. - Grenoble : Joseph Fourier University, 2002. - S. 13-14, [ESCAMPIG 2002 : Europhysics Conference on Atomic and Molecular Physics of Ionized Gases. 16th, Grenoble, 14.-18.7.2002], [ICRP 2002 : Joint International Conference on Reactive Plasma. 5th, Grenoble, 14.-18.7.2002]
- (20) - **AFC08** **Foltin, Viktor**: Pulsed laser systems in the spectroscopy of species in the gas phase
In: Moderní trendy ve fyzice plazmatu a pevných látek II. - Brno : Masarykova univerzita, 2006. - S. 17-23. - ISBN 80-210-4195-1
[Moderní trendy ve fyzice plazmatu a pevných látek 2006 : seminář. 2., Hustopeče, 19.10.2006]

- (21) - **AFC09** Machala, Zdenko - Jedlovský, Igor - Hensel, Karol - Martišovits, Viktor - **Foltin, Viktor**: Biological effects of DC discharges in atmospheric air with water
 In: HAKONE X : Contributed Papers. - Saga : Saga University, 2006. - S. 277-283
 [HAKONE 2006 : International Symposium on High Pressure Low Temperature Plasma Chemistry. 10th, Saga, 4.-8.9.2006]
Ohlasy (1)
- (22) - **AFC10** Machala, Zdenko - Janda, Mário - Leštinská, Lenka - Jedlovský, Igor - **Foltin, Viktor** - Hensel, Karol: Optical emission spectroscopy of atmospheric pressure plasma for biomedical, environmental, and industrial applications
 In: Moderní trendy ve fyzice plazmatu a pevných látek II. - Brno : Masarykova univerzita, 2006. - S. 72-76. - ISBN 80-210-4195-1
 [Moderní trendy ve fyzice plazmatu a pevných látek 2006 : seminář. 2., Hustopeče, 19.10.2006]
- (23) - **AFC11** Leštinská, Lenka - **Foltin, Viktor** - Zahoran, Miroslav - Machala, Zdenko: Spatial characteristics and application of atmospheric pressure microwave nitrogen plasma torch
 Recenzované
 In: 16th Annual Conference of Doctoral Students WDS '07, Part 2 : Physics of Plasmas and Ionized Media. - Praha : Matfyzpress, 2007. - S. 139-144. - ISBN 978-80-7378-024-1
 [WDS 2007 : Week of Doctoral Students : Annual Conference of Doctoral Students. 16th, Praha, 5.-8.6.2007]

AFA Publikované pozvané příspěvky na zahraničních vědeckých konferencích

- (24) - **AFA01** Matejčík, Štefan - **Foltin, Viktor** - Stano, Michal: Temperature dependencies in dissociative electron attachment to SF₆, CCl₄, CCl₂F₂ and CHCl₃
 In: Physics of Plasmas and Ionized Media, Part II. - Prague : Charles University, 2001. - S. 323-331
 [WDS 2001 : Week of Doctoral Students : Annual Conference of Doctoral Students. 10th, Prague, 12.-15.6.2001]
- (25) - **AFA02** Ipolyi, Imre - **Foltin, Viktor** - Stano, Michal - Matejčík, Štefan : Temperature dependencies in dissociative electron attachment to chloro-bromo methanes
 In: 13th Symposium on Atomic and Surface Physics and Related Topics : Contributions. - Innsbruck : Universität, 2002. - S. 33-36
 [SASP 2002 : Symposium on Atomic and Surface Physics and Related Topics. 13th, Going/Kitzbühel, 17.-23.2.2002]
- (26) - **AFA03** Michailov, Michael C. - Schratz, Michael - Seidenbusch, Walter - **Foltin, Viktor** - Martin, Danièle - Molnár, Stephen - Weber, Germain: Informatics in context of projects of ICSD
 In: Computer Science and Education : Proceedings. - Sofia : New Bulgarian University, 2005. - S. 35-38
 [Computer Science and Education : International Workshop. Borovetz-Sofia, 3.-5.2005]

AFE Abstrakty pozvaných príspevkov zo zahraničných konferencií

- (27) - **AFE01** Märk, Tilman D. - **Foltin, Viktor** - Kim, Y.-K: Recommended electron impact ionization cross sections for molecules
 Príspevok bol prednesený na dvoch konferenciách
 In: 1998 International Congress on Plasma Physics Combined with 25th European Physical Society Conference on Controlled Fusion and Plasma Physics : Abstracts of Invited and Contributed Papers, Part I. - Praha : European Physical Society, 1998. - S. 169
 [ICPP 1998 : International Congress on Plasma Physics. Praha, 29.6.-3.7.1998]
 [Controlled Fusion and Plasma Physics 1998 : European Physical Society Conference. 25th, Praha, 29.6.-3.7.1998]
 [Electron-Molecule-Collision Data for Modelling and Simulation of Plasma Processing 1998. Lyon, 21.-24.9.1998]
- (28) - **AFE02** Mikoviny, Tomáš - Holubčík, Lubomír - Matejčík, Štefan - **Foltin, Viktor** - Skalný, Ján D.: Simple kinetic model of CO₂ dissociation in negative corona discharge
 In: POSTER 2000 : Book of Extended Abstracts. - Prague : CTU, 2000. - S. NS 16
 [POSTER 2000 : International Student Conference on Electrical Engineering. 4th, Prague, 25.5.2000]

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií

- (29) - **AFG01** Foltinová, Janka - Seidenbusch, Walter - **Foltin, Viktor**: Consequences of various industrial pollutants in the air on tracheal relief and lung lavages : Morpho-physical study
In: Monaldi Archives for Chest Disease. - Vol. 50, No. 1 (1995), s. 87
[Lungs at Home : Meeting of the International Respiratory Care Club. 1st, Freiburg, 23.-25.3.1995]
- (30) - **AFG02** Michailov, Michael C. - Welscher, U. - Magour, Samir - Neu, E. - Bischof, R. - **Foltin, Viktor** - Foltinová, Janka: Photo-radiosensitization of excitable tissue
In: 12th International Congress of Photobiology. - Vienna : [s.n.], 1996. - S. 307
[ICP 1996 : International Congress of Photobiology. 12th, Vienna, 1.-6.9.1996]
- (31) - **AFG03** Foltinová, Janka - Neu, Eva - Seidenbusch, Walter - **Foltin, Viktor** - Michailov, M.: Mucociliary clearance of the respiratory tract in the environment of metallic aerosols : Interdisciplinary study In: Relationships Between Respiratory Disease and Exposure to Air Pollution. - Hannover : Hannover Medical School, 1997. - S. 65
[Relationships Between Respiratory Disease and Exposure to Air Pollution : International Inhalation Symposium. 6th, Hannover, 24.-28.2.1997]
- (32) - **AFG04** **Foltin, Viktor** - Foltinová, Janka - Seidenbusch, Walter - Neu, Eva: Effect of industrial aerosols on the organism- Interdisciplinary study
In: Umweltmedizin in Forschung und Praxis. - Vol. 3, No. 4 (1998), s. 240
[ISEM Jahrestagung. 2., Giessen, 28.-30.8.1998]
- (33) - **AFG05** Tarnovský, V. - Kurunczi, P. - Becker, K. - Deutsch, H. - Foltin, Martin - **Foltin, Viktor** - Matt, S. - Scheier, Paul - Märk, Tilman D.: Absolute cross sections for the formation of C60+ ions by electron impact on C60
Lit. 9 záz. n.
In: The sixth European Conference on Atomic and Molecular Physics : Book of Abstracts.- Sienna: University,1998. - S. 9
[ECAMP 1998 : European Conference on Atomic and Molecular Physics. 6th, Siena, 16.-18.7.1998]
- (34) - [90] **AFG06** Foltinová, Janka - **Foltin, Viktor** - Neu, Eva - Seidenbusch, Walter - Žilínek, V.: Effect of environment on the macrophages in the respiratory system
In: Macrophage Biology-Keystone Symposia. - Colorado : [s.n.], 1999. - S. 53
[Macrophage Biology : Keystone Symposia. Colorado, 22.-28.1.1999]
- (35) - [91] **AFG07** Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Neu, Eva: Placenta, umbilical blood and polluted environment
In: International Congress on Environmental Health. - Hanover : Medical School, 2000. - S. 80
[Environmental Health : International Congress. Hanover, 1.-4.10.2000]
[Annual Meeting of the International Society of Environmental Medicine. 4th, Hanover, 1.-4.10.2000]
Ohlasy (2):
- (36) - **AFG08** Foltinová, Janka - Neu, Eva - Seidenbusch, Walter - **Foltin, Viktor**: Respiratory system as a marker of character of pollution of the environment : Interdisciplinary study
In: Sborník lékařský. - Vol. 102, No. 2 (2001), s. 311
[Sjezd České anatomické společnosti s mezinárodní účastí. 39., Praha, 10.-12.9.2000]
- (37) - **AFG09** Foltinová, Janka - Schrott-Fischer, A. - Žilínek, V. - Bystrianská, S. - Neu, Eva - Freysinger, W. - **Foltin, Viktor**: Irradiation with 6 Gy and mucociliary clearance-A qualitative morphological study
In: GHU/ISEM 2001 : Programme and Abstracts. - [Neuherberg] : GSF-National Research Center for Environment and Health, 2001. - S. A 26
[Conference of the Gesellschaft für Hygiene und Umweltmedizin. 9th, Garmisch-Partenkirchen, 6.-8.9.2001]
[Conference of the International Society of Environmental Medicine. 5th, Garmisch-Partenkirchen, 6.-8.9.2001]
[Week on Environmental and Genetic Influences on Human Health : Conference. Garmisch-Partenkirchen, 2.-8.9.2001]
- (38) - **AFG10** **Foltin, Viktor** - Bernstein, Elliot R.: Fluorescence excitation studies of the CH3O* radical interactions with CH4 and H2O
In: High Resolution Molecular Spectroscopy : Book of Abstracts of the 18th International Conference. - Praha : ICT Press, 2004. - S. 159. - ISBN 80-7080-547-1
[HRMS International Conference 2004 : High Resolution Molecular Spectroscopy : International Conference. 18th, Prague, 8.-12.9.2004]

- (39) - **AFG11** Neu, Eva - Michailov, Michael C. - Haerlin, Ulrich - **Foltin, Viktor** - Magour, Samir: Pathophysiological vesical reactions on xenobiotics
In: Chinese Journal of Pathophysiology. - Vol. 22, No. 13, Suppl. (2006), s. 228
[International Congress of Pathophysiology. 5th, Beijing, 28.6.-1.7.2006]
- (40) - **AFG12** Neu, Eva - Michailov, Michael C. - **Foltin, Viktor** - Seidenbusch, Walter - Milbradt, Joachim - Stiglmayr, Jakob - Foltinová, Janka: On chemo-toxicology: Pathophysiological reactions on toxicants
In: Toxicology Letters. - Vol. 211, Suppl. (2012), s. S169
[Congress of the European Societies of Toxicology. 48th, Stockholm, 17.-20.6.2012]
- (41) - **AEG17** Neu, E - Michailov, M.Ch - **Foltin, Viktor** - Senn, T. - Welscher, U. - Foltinová, J - Graw, J - Hofstetter, A - Hohlbrugger, G - Madersbacher, H - Weissenbacher, ER - Weiss, DG: On importance of pathophysiology for an integrative toxicology
In: Toxicology Letters, Vol 280, Suppl 1, 20 October 2017, page S305
- (42) **AEG18** Neu, E - Michailov, MC - Welscher, U - Ernst, G - Senn, T - Lutge, C - Ivanova, I - von Brockdorff, MLG - Hofstetter, A - Weissenbacher, ER - Foltinová, J - **Foltin, Viktor** - Schratz, M - Weber, G: On moral and political philosophy of pathology in context of UNO-Agenda 21
In: Virchows Archiv, Meeting Abstract: PS-20-003, Pages: S245-S245, Suppl: 1 Publ: SEP 2017
- (43) **AEG19** Michailov, MC- Neu, E - Wilkowski, R - Ernst, G - Welscher, U - Bauer, HW - **Foltin, Viktor** - Foltinová, J - Hofstetter, A - Weber, G: On integrative pathology on example of radiogenic urinary bladder (UB)
In: Virchows Archiv, Meeting Abstract: PS-25-101, Pages: S284-S285, Suppl: 1 Publ: SEP 2017

AFK Postery zo zahraničných konferencií

- (44) - [100] **AFK01** Machala, Zdenko - Leštinská, Lenka - Jedlovský, Igor - Janda, Mário - Hensel, Karol - Morvová, Marcela - Martišoviš, Viktor - **Foltin, Viktor** - Laux, Christophe O.: Emission spectroscopy-essential diagnostics tool of atmospheric pressure plasmas for environmental, bio-medical and industrial applications
In: High Resolution Molecular Spectroscopy. - Praha : Vydavatelství VŠCHT, 2006. - S. 271. - ISBN 80-7080-612-5
[HRMS International Conference 2006 : High Resolution Molecular Spectroscopy : International Conference. 19th, Prague, 29.8.-2.9.2006]
- (45) - [101] **AFK02** Michailov, Michael C. - Welscher, Ursula - Neu, Eva - **Foltin, Viktor** - Seidenbusch, Walter: Integrative Angio-Radiology in UNO-Agenda 21
Popis urobený 27.4.2010
In: ICCR 2007 Documents [elektronický zdroj]. - [S.l.] : International Association for Radiation Research, 2007. - S. 76 [online]
[ICRR 2007 : International Congress of Radiation Research. 37th, San Francisco, 7.-8.7.2007]

6.4.2. Príspevky z pozvaných domácich podujatí:

□ Domáce vedecké podujatia – aktívna účasť (pre danú kategóriu vádzam výber publikovaných príspevkov zo zoznamu všetkých prác)

AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch

- (1) - **AEG11** Martin, Danièle - Gornik, E. - **Foltin, Viktor** - Seidenbusch, Walter - Michailov, Michael C. - Neu, Eva: K-influence on motor and electrical vesical oscillations: stretchdependent channels
Popis urobený 11.9.2007
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), S. 91, Art. No. PF18-147
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
- (2) - **AEG13** Welcher, U. - **Foltin, Viktor** - Wirth, M. - Neu, E. - Michailov, Michael C. - Seidenbusch, Walter: Ca-dependence of stretch-activated vesical channels
Popis urobený 11.9.2007
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), S. 52, Art. No. OF24-95
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]

AFD Publikované príspevky na domácich vedeckých konferenciách

- (3) - **AFD01** Fiegele, Thomas - Stano, Michal - Feketeová, Linda - Mikovíny, Tomáš - Skalný, Ján D. - **Foltin, Viktor** - Lukáč, Peter: High resolution electron ionization study of atoms molecules and clusters: appearance energies
In: Symposium on Application of Plasma Processes. - Bratislava : Comenius University, 2001. - S. 85-86. - ISBN 80-223-1573-7
[SAPP 2001 : Symposium on Application of Plasma Processes. 13th, Tále, 15.-21.1.2001]
- (4) - **AFD02** Stano, Michal - **Foltin, Viktor** - Ipolyi, Imre - Matejčík, Štefan: Dissociative electron attachment study to chlorinated halocarbons
In: Symposium on Application of Plasma Processes. - Bratislava : Comenius University, 2001. - S. 140-141. - ISBN 80-223-1573-7
[SAPP 2001 : Symposium on Application of Plasma Processes. 13th, Tále, 15.-21.1.2001]
- (5) - **AFD03** **Foltin, Viktor** - Cingel, Michal - Matejčík, Štefan - Cicman, Peter - Scheier, Paul - Lukáč, Peter - Märk, Tilman D.: Two crossed beam apparatuses for study of electron attachment reactions :Running project "Systematic investigation about the energetics involved in electron attachment (EA) to a series of halohydrocarbons"
In: 1st International Conference on Global Research and Education: Inter-Academia 2002. - Bratislava : Comenius University, 2002. - S. 198-201. - ISBN 80-968253-6-4
[Inter-Academia 2002 : Global Research and Education : International Conference. 1st, Bratislava, 23.-26.9.2002]
- (6) - **AFD04** Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Zlatoš, Jozef - Neu, Eva: Placenta as a biomarker of polluted environment In: Zborník prác venovaných 80. narodeninám prof. MUDr. G. Čierneho, DrSc. - Bratislava : Asklepios, 2004. - S. 30-32. - ISBN 80-7167-071-5
[Slávnostný seminár venovaný 80. narodeninám prof. MUDr. G. Čierneho, DrSc. Bratislava, 22.1.2004]
Ohlasy (2):
- (7) - **AFD05** **Foltin, Viktor** - Lukáč, Peter : Determining the dynamics of CH₂O-CH₄ complex interaction
In: 15th Symposium on Applications of Plasma Processes and 3rd EU-Japan Joint Symposium on Plasma Processing. - Bratislava : Comenius University Press, 2005. - S. 155-156. - ISBN 80-223-2018-8
[SAPP 2005 : Symposium on Applications of Plasma Processes. 15th, Podbanské, 15.-20.1.2005]
[EU-Japan JSPP 2005 : EU-Japan Joint Symposium on Plasma Processing. 3rd, Podbanské, 15.-20.1.2005]
- (8) - **AFD06** **Foltin, Viktor** - Morvová, Marcela - RISOVÁ, Vanda - Foltinová, Janka: Interdisciplinárny pohľad na kumuláciu olova v placente = Interdisciplinary view on the cumulation of lead in placenta
In: Príspevok k výskumu štruktúr organizmu. - Bratislava : Slovenská biologická spoločnosť SAV, 2005. - S. 11-13. -

ISBN 80-969225-1-3

[Príspevok k výskumu štruktúr organizmu : morfológický seminár venovaný 70. narodeninám prof. MUDr. Jozefa Zlatoša, DrSc. Bratislava, 19.5.2005]

- (9) - **AFD07** Lukáč, Peter - **Foltin, Viktor** - Morva, Imrich : Model of the dissociative recombination of Ne²⁺ ions based on the statistical "phase-space theory"
In: 15th Symposium on Applications of Plasma Processes and 3rd EU-Japan Joint Symposium on Plasma Processing. - Bratislava : Comenius University Press, 2005. - S. 205-206. - ISBN 80-223-2018-8
[SAPP 2005 : Symposium on Applications of Plasma Processes. 15th, Podbanské, 15.-20.1.2005]
[EU-Japan JSPF 2005 : EU-Japan Joint Symposium on Plasma Processing. 3rd, Podbanské, 15.-20.1.2005]
- (10) - **AFD08** **Foltin, Viktor** - Martišovitš, Viktor - Grolmusová, Zuzana - Rossi, Luciano - Macko, Peter - Lukáč, Peter - Veis, Pavel: New pulsed microwave afterglow system-test with Hg-Ar plasma
In: The 3rd Seminar on New Trends in Plasma Physics and Solid State Physics. - Bratislava : Knižničné a edičné centrum FMFI UK, 2007. - S. 25-29. - ISBN 978-80-89186-24-2
[New Trends in Plasma Physics and Solid State Physics 2007 : Seminar. 3rd, Bratislava, 4.10.2007]
- (11) - **[73] AFD09** Leštinská, Lenka - **Foltin, Viktor** - Zahoran, Miroslav - Machala, Zdenko:
Application of atmospheric microwave nitrogen plasma torch for carbon treatment
In: The 3rd Seminar on New Trends in Plasma Physics and Solid State Physics. - Bratislava : Knižničné a edičné centrum FMFI UK, 2007. - S. 79-81. - ISBN 978-80-89186-24-2
[New Trends in Plasma Physics and Solid State Physics 2007 : Seminar. 3rd, Bratislava, 4.10.2007]
- (12) - **AFD10** Leštinská, Lenka - **Foltin, Viktor** - Martišovitš, Viktor - Machala, Zdenko:
Spatial distribution of imission spectra of microwave torch plasma in atmospheric nitrogen
In: The 3rd Seminar on New Trends in Plasma Physics and Solid State Physics. - Bratislava : Knižničné a edičné centrum FMFI UK, 2007. - S. 74-78. - ISBN 978-80-89186-24-2
[New Trends in Plasma Physics and Solid State Physics 2007 : Seminar. 3rd, Bratislava, 4.10.2007]
- (13) - **AFD12** **Foltin, Viktor** - Rajzinger, Ján: Natural gas hydrates - challenge and opportunity. In: 32. stretnutie katedier Mechaniky tekutín a termomechaniky : zborník príspevkov. Tatranská Lomnica, 25.-28. 6. 2013. - Žilina : EDIS, 2013. - ISBN 978-80-554-0715-9. - S. 45-48
- (14) - **AFD13** **Foltin, Viktor** - Rajzinger, Ján - Juriga, Martin - Gužela, Štefan: Nové zdroje zemného plynu: bridlicový plyn a zemný plyn viazaný v hydrátoch. In: Vykurovanie 2013 : Zborník prednášok z 21. medzinárodnej konferencie na tému "Energetické, environmentálne a ekonomické aspekty pri prevádzke vykurovacích systémov". Ľubovnianske kúpele, SR, 4.-8.3.2012. - Bratislava : SSTP, 2013. - ISBN 978-80-89216-53-6. - S. 73-76
- (18) - **AFD14** **Foltin, Viktor** - Rajzinger, Ján: Proposal of a novel natural gas hydrate inhibition method using metastable states between competing clathrate phases. In: Energetické premeny v priemysle = Energy transformations in industry : 13. medzinárodná vedecká konferencia. Račkova dolina /SR/, 25.-27. 9. 2013. - Košice : Technická univerzita v Košiciach, 2013. - ISBN 978-80-553-1476-1. - S. 34-36
- (19) - **[79] AFD15** **Foltin, Viktor** - Rajzinger, Ján: Search for environmentally friendly natural gas hydrate formation inhibitors. In: Energetické premeny v priemysle = Energy transformations in industry : 13. medzinárodná vedecká konferencia. Račkova dolina /SR/, 25.-27. 9. 2013. - Košice : Technická univerzita v Košiciach, 2013. - ISBN 978-80-553-1476-1. - S. 37-39
- (20) - **[80] AFD16** **Foltin, Viktor** - Rajzinger, Ján - Ridzoň, František: Structural view to natural gas hydrates. In: The application of experimental and numerical methods in fluid mechanics and energetics 2014 : proceedings of the international conference. Liptovský Ján, Slovakia, 9-11 April, 2014. - Žilina : University of Žilina, 2014. - ISBN 978-80-554-0855-2. - S. 39-44
- (21) - **[81] AFD17** **Foltin, Viktor** - Neu, Eva.: Effects of long term human exposure to pollution and radiation studied at microscopic level
In: Abstracts and presented papers, Twenty-Eight **World Congress of SVU**, The World in a Time of Change; Czechoslovak Society of Arts and Sciences, INC P.O.Box 34617, Bethesda, MD 20827, USA, **ISSN 0036-2050**, (2016) 11.

- (22) - [82] AFD18 **Foltin, Viktor**: Natural gas hydrates – a promising fuel of the future
In: Abstracts and presented papers, Twenty-Eight **World Congress of SVU**, The World in a Time of Change; Czechoslovak Society of Arts and Sciences, INC P.O.Box 34617, Bethesda, MD 20827, USA, ISSN 0036-2050, (2016) 11–12.

AFH Abstrakty príspevkov z domácich vedeckých konferencií

- (23) - [97] AFH01 Foltinová, Janka - **Foltin, Viktor** - Zlatoš, Jozef : Rádioterapia v morfológickom obraze
In: Chirurgické ochorenia tenkého čreva. - Trnava : [s.n.], 2000. - S. [1]
[Chirurgický deň. 4., Dolná Krupá, 2.6.2000]
- (24) - [98] AFH02 Foltinová, Janka - Morvová, Marcela - **Foltin, Viktor** - Neu, Eva - Šimera, Michal - Lettrichová, Ivana:
Lead-dangerous metal for the developing fetus. Interdisciplinary study
In: Morphology 2007. - Bratislava : Slovak Anatomical Society, 2007. - S. 39. - ISBN 978-80-89305-01-8
[International Congress of Slovak Anatomical Society 2007. 41st, Bratislava, 9.-12.9.2007]
[Lojda Symposium on Histochemistry. 44th, Bratislava, 9.-12.9.2007]
POZNÁMKA: Vyšlo aj - Acta Histochemica. - Vol. 111, No. 5 (2009), s. 433
- (25) - [99] AFH03 Morvová, Marcela - Kunecová, Daniela - **Foltin, Viktor** - Foltinová, Janka: Occurrence of arsenic and lead compounds in umbilical blood
Popis urobený 11.9.2007
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), S. 83, Art. No. PTh14-116
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
URL: <http://www.joint.conference.sav.sk/docs/pdf/abstracts.pdf>

AFL Postery z domácich konferencií

- (26) - [102] AFL01 Foltinová, Janka - Haraslinová, Viera - Schrott-Fischer, A. - **Foltin, Viktor** - Žilínek, V. - Freysinger, W. - Kolmannová, Hedviga: Prínos mikroskopickej techniky v štúdiu mukociliárneho očisťovania
In: Laboratórna diagnostika nových a často sa vyskytujúcich ochorení. - Modra-Harmónia : SPAM, 2001. - S. [1]
[Laboratórna diagnostika nových a často sa vyskytujúcich ochorení. Modra-Harmónia, 14.-15.6.2001]
- (27) - [103] AFL02 Földes, Tomáš - Čermák, Peter - Macko, Martin - **Foltin, Viktor** - Veis, Pavel - Macko, Peter: Cavity ring-down spectroscopy of singlet oxygen generated in microwave plasma
Lit. 3 záz., 2 obr.
In: SAPP : 16th Symposium on Application of Plasma Processes. - Bratislava : FMFI UK, 2007. - S. 161-162. - ISBN 978-80-89186-13-6
[SAPP 2007 : Symposium on Applications of Plasma Processes. 16th, Podbanské, 20.-21.1.2007]
[Research of Plasma Physics and Applications in Visegrad Countries 2007 : Workshop. Podbanské, 22.-25.1.2007]
- (28) - [104] AFL03 Leštinská, Lenka - **Foltin, Viktor** - Zahoran, Miroslav - Machala, Zdenko: Carbon beneficiation in atmospheric pressure microwave plasma
In: SAPP : 16th Symposium on Application of Plasma Processes. - Bratislava : FMFI UK, 2007. - S. 215-216. - ISBN 978-80-89186-13-6
[SAPP 2007 : Symposium on Applications of Plasma Processes. 16th, Podbanské, 20.-21.1.2007]
[Research of Plasma Physics and Applications in Visegrad Countries 2007 : Workshop. Podbanské, 22.-25.1.2007]
- (29) - [105] AFL04 Šimera, Michal - **Foltin, Viktor** - Morvová, Marcela - Neu, Eva - Foltinová, Janka:
Interdisciplinary proof of lead in placenta - contribution for diagnostic practice
In: 3rd Slovak Biophysical Symposium. - Bratislava : FMFI UK, 2008. - S. 62-64. - ISBN 978-80-89186-31-0
[Slovak Biophysical Symposium 2008. 3rd, Bratislava, 18.-20.4.2008]