

## Zoznam publikačnej činnosti

**RNDr. Monika Jerigová, PhD.**

### ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Vollárová, Oľga [UKOPRCFZ] - Benko, Ján [UKOPRCFZ] - Jerigová, Monika [UKOPRCFZ]: Solubilities and Gibbs transfer energies of thiolato, sulfenato, suslfinato and tris(ethylenediamine)cobalt(III) complexes, as well as of perchlorate, from acetonitrile into its mixtures with water

Lit.: 19 záz.

In: Transition Metal Chemistry. - Vol. 28, No. 6 (2003), s. 722-726. - ISSN 0340-4285

*Indikátor časopisu:*

IF (JCR) 2003=0,840

*Ohlasy (1):*

[o1] 2006 Dolui, B. K. - Bhattacharya, S. K. - Kundu, K. K.: Indian Journal of Chemistry Section A-Inorganic Bio-Inorganic Physical Theoretical & Analytical Chemistry, Vol. 45, No. 12, 2006, s. 2607-2614 - SCI

ADC02 Jerigová, Monika [UKOPRCFZ] - Benko, Ján [UKOPRCFZ] - Vollárová, Oľga [UKOPRCFZ]: Kinetic and Thermodynamic Study of Thiolato and Sulfenato Co(III) Complexes in Water-Acetonitrile Mixtures

Lit. 21 záz.

In: International Journal of Chemical Kinetics. - Vol. 36, No. 1 (2004), s. 34-40. - ISSN 0538-8066

*Indikátor časopisu:*

IF (JCR) 2004=0,864

ADC03 Jerigová, Monika [UKOPRCFZ] - Vollárová, Oľga [UKOPRCFZ] - Benko, Ján [UKOPRCFZ] - Černušák, Ivan [UKOPRCFZ]: Intramolecular Hydrogen Bonds in Thiolato-, Sulfenato-, and Sulfinato-Co(III) Complexes

Lit.: 19 záz.

In: International Journal of Quantum Chemistry. - Vol. 106, No. 1 (2006), s. 747-763. - ISSN 0020-7608

[European Conference on Computational Chemistry. 5th, La Londe les Maures, 15.-20.6.2004]

*Indikátor časopisu:*

IF (JCR) 2006=1,182

POZNÁMKA:

Publikované aj ako abstrakt z konferencie. Proceedings from the 5th European Conference on Computational Chemistry. International Journal of Quantum Chemistry, Vol. 106, Sp. Iss., 2006, sign. 14/06 -

ADC04 Jerigová, Monika [UKOPRCFZ] - Chorvátová, Alžbeta [UKOEXFM] - Chorvát, Dušan [UKOEXFM] (15%) - Biró, Csaba - Velič, Dušan [UKOPRCFZ]: Analysis of cardiac tissue by gold cluster ion bombardment

Lit. 8 záz.

In: Applied Surface Science. - Vol. 252, No. 19, Sp. Iss. (2006), s. 6782-6785. - ISSN (print) 0169-4332

*Indikátor časopisu:*

IF (JCR) 2006=1,436

*Ohlasy (3):*

[o1] 2008 Wada, M. - Hashino, T. - Hirata, F. - Kasuya, T. - Sakamoto, Y. - Nishiura, M.: Compact E×B mass separator for heavy ion beams. In: Review of Scientific Instruments, Vol. 79, No. 2, 2008, Art. No. 02B501 - SCI ; SCOPUS

[o1] 2009 Fabiano, E. - Piacenza, M. - Della Sala, F.: Structural and electronic properties of gold microclusters: Assessment of the localized Hartree-Fock method. In: Physical Chemistry Chemical Physics, Vol. 11, No. 40, 2009, s. 9160-9169 -SCI ; SCOPUS

[o1] 2010 Mahoney, C. M.: Cluster secondary ion mass spectrometry of polymers and related materials. In: Mass Spectrometry Reviews, Vol. 29, No. 2, 2010, s. 247-293 - SCI ; SCOPUS

ADC05 Rabara, L. - Jerigová, Monika [UKOPRCFZ] - Velič, Dušan [UKOPRCFZ]: Supramolecular host-guest complexes based on cyclodextrin-diphenylhexatriene

Lit.: 11 záz.

In: Applied Surface Science. - Vol. 252, No. 19, Sp. Iss. (2006), s. 7000-7002. - ISSN (print) 0169-4332

[International Conference on Secondary Ion Mass Spectrometry (SIMS XV). 15th, Manchester, 12.-16.9.2005]

*Indikátor časopisu:*

IF (JCR) 2006=1,436

*Ohlasy (8):*

[o1] 2009 Lee, S. - Ahn, S. - Park, S. - Bin, Oh.H.: International Journal of Spectrometry, Vol. 279, No. 1, 2009, s. 47-52 - SCI

[o1] 2009 Lee, S. - Kwon, S. - Shin, H.J. - Cho, E. - Lee, K.R. - Jung, S.: Bulletin of the Korean Chemical Society, Vol. 30, No. 8, 2009, s. 1864-1866 - SCI

[o1] 2009 Fan, L.Y. - Yan, W. - Cao, C.X. - Zhang, W. - Chen, Q.: Analytica Chimica Acta, Vol. 650, No. 1, 2009, s. 111-117 - SCI

[o1] 2010 Uyar, T. - Havelund, R. - Nur, Y. - Balan, A. - Hacaloglu, J. - Toppare, L. - Besenbacher, F. - Kingshott, P.: Journal of Membrane Science, Vol. 365, No. 1-2, 2010, s. 409-417 - SCI

[o1] 2011 Vasquez, S.O. - Gaete-Acuna, C.: Computational and Theoretical Chemistry, Vol. 965, No. 1, 2011, s. 1-6 - SCI

[o1] 2014 Lee, S. - Park, S. - Kim, J.Y. - Kim, H.R. - Lee, S. - Oh, H.B.: Physical Chemistry Chemical Physics, Vol. 16, No. 18, 2014, s. 8376-8383 - SCI ; SCOPUS

[o1] 2014 Fan, L.Y. - Luo, X.J. - Li, S. - Zhang, W. - Cao, C.X.: Analytical Methods, Vol. 6, No. 12, 2014, s. 4360-4365 - SCI ; SCOPUS

[o1] 2015 Staelens, N. - Leherte, L. - Vercauteren, D.P.: Supramolecular Chemistry, Vol. 27, No. 1-2, 2015, s. 90-109 - SCI

**ADC06 Jerigová, Monika [UKOPRCFZ] (20%) - Kopáni, Martin [UKOLFULFB] (20%) - Rychlý, Boris (20%) - Jakubovský, Ján [UKOLF] (20%) - Velič, Dušan [UKOPRCFZ] (20%): Behcet brain tissue identified with increased levels of Si and Al**

Lit.: 19 zázn.

In: Applied Surface Science. - Vol. 255, no. 4 (2008), s. 1123-1125. - ISSN (print) 0169-4332

*Registrované v:* scopus

*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2008=1,576

*Ohlasy (5):*

[o1] 2010 Goodwin, R.J.A. - Pitt, A.R.: Bioanalysis, Vol. 2, No. 2, 2010, s. 279-293 - SCI

[o1] 2010 Su, C.K. - Sun, Y.C. - Tzeng, S.F. - Yang, C.S. - Wang, C.Y. - Yang, M.H.: Mass Spectrometry, Vol. 29, No. 3, 2010, s. 392-424 - SCI

[o1] 2011 Exley, C. - House, E.R.: Monatshefte für Chemie, Vol. 142, No. 4, 2011, s. 357-363 - SCI ; SCOPUS

[o1] 2013 Gode, D. - Volmer, D.A.: Analyst, Vol. 138, No. 5, 2013, s. 1289-1315 - SCI ; SCOPUS

[o1] 2014 Exley, C. - House, E.R.: Aluminium in the human brain. In: Metal Ions in Neurological Systems. Wien : Springer, 2014, S. 95-101 - SCOPUS

**ADC07 Jerigová, Monika [UKOPRCFZ] (30%) - Michalka, Miroslav (10%) - Kopáni, Martin [UKOLFULFB] (20%) - Rychlý, Boris (15%) - Jakubovský, Ján [UKOLF] (10%) - Velič, Dušan [UKOPRCFZ] (15%): Microscopy and chemical imaging of Behcet brain tissue**

Lit.: 8 zázn.

In: Applied Surface Science. - Vol. 255, No. 4 (2008), s.1584-1587. - ISSN (print) 0169-4332

*Registrované v:* scopus

*Registrované v:* wos

*Indikátor časopisu:*

IF (JCR) 2008=1,576

*Ohlasy (5):*

[o1] 2010 Su, C.K. - Sun, Y.C. - Tzeng, S.F. - Yang, C.S. - Wang, C.Y. - Yang, M.H.: Mass Spectrometry Reviews, Vol. 29, No. 3, 2010, s. 392-424 - SCI ; SCOPUS

[o1] 2010 Goodwin, R.J.A. - Pitt, A.R.: Bioanalysis, Vol. 2, No. 2, 2010, s. 279-293 - SCI ; SCOPUS

[o1] 2011 Mains, J. - Wilson, C. - Urguhart, A.: European Journal of Pharmaceutics and Biopharmaceutics, vol. 79, no. 2, 2011, s. 328-333 - SCI ; SCOPUS

[o1] 2013 Gode, D. - Volmer, D.A.: Analyst, vol. 138, no. 5, 2013, s. 1289-1315 - SCI ; SCOPUS

[o1] 2014 Sávoly, Z. - Nagy, I.P. - Zárny, G.: Analytical methods for chemical characterization of nematodes. In: Nematodes: Comparative Genomics, Disease Management and Ecological Importance. New York : Nova Science Publishers, 2014, S.57-114 - SCOPUS

ADC08 Lorenc, D. - Jerigová, Monika [UKOPRCFZ] - Buczynski, R. - Stepien, R. - Bugár, I. - Vincze, A. - Velič, Dušan [UKOPRCFZ] (10%): Nonlinear refractive index of multicomponent glasses designed for fabrication of photonic crystal fibers

Lit.: 33 záz., 5 obr., 3 tab.

In: Applied Physics B-Lasers and Optics. - Vol. 93, No. 2-3, Sp. Iss. (2008), s. 531-538. - ISSN 0946-2171

*Indikátor časopisu:*

IF (JCR) 2008=2,167

*Ohlasy (17):*

[o1] 2011 Lin, C.G. - Calvez, L. - Ying, L. - Chen, F.F. - Song, B.A. - Shen, X. - Dai, S.X. - Zhang, X.H.: Applied Physics A-Materials Science & Processing, Vol. 104, No. 2, 2011, s. 615-620 - SCI

[o1] 2012 Li, Z.B. - Lin, C.G. - Nie, Q.H. - Xu, T.F. - Dai, S.X.: Acta Physica Sinica, Vol. 61, No. 10, 2012, Art. No. 104207 - SCI

[o1] 2013 Milenko, K. - Ertman, S. - Wolinski, T.R.: Numerical analysis of birefringence tuning in high index microstructured fiber selectively filled with liquid crystal. In: Fifth European Workshop on Optical Fibre Sensors. Bellingham :SPIE-INT Soc Optical Engineering, 2013, Art. No. 87942C - CPCI-S

[o1] 2014 Hu, H.Y. - Li, W.B. - Dutta, N.K.: Supercontinuum generation in tapered rib waveguide. In: Photonics Applications for Aviation, Aerospace, Commercial, and Harsh Environments 5. Book Series: Proceedings of SPIE-INT Soc Optical Engineering, Vol. 9202. Bellingham : SPIE-INT, 2014, Art. No. 92021C - CPCI-S

[o1] 2014 Hu, H.Y. - Li, W.B. - Dutta, N.K.: Optics Communications, Vol. 324, August, 2014, s. 252-257 - SCI

[o1] 2014 Milenko, K. - Ertman, S. - Wolinski, T.R.: Molecular Crystals and Liquid Crystals, Vol. 596, No. 1, 2014, s. 5-11 - SCI

[o1] 2016 Klenner, A. - Mayer, A.S. - Johnson, A.R. - Luke, K. - Lamont, M.R.E. - Okawachi, Y. Lipson, M. - Gaeta, A.L. - Keller, U.: Optics Express, Vol. 24, No. 10, 2016, s. 11043-11053 - SCI ; SCOPUS

[o1] 2016 Zhang, X. - Hu, H. - Li, W. - Dutta, N.K.: Supercontinuum generation in dispersion-varying microstructured optical fibers. In: Proceedings of SPIE - The International Society for Optical Engineering, Vol. 9834. [S.l.] : Spie, 2016, Art. No. 98340F - SCOPUS

[o1] 2017 Gstalter, M. - Chabrol, G. - Bahouka, A. - Serreau, L. - Heitz, J.L. - Taupier, G. - Dorkenoo, K.D. - Rehspringer, J.L. - Lecler, S.: Applied Physics A: Materials Science and Processing, Vol. 123, No. 11, 2017, Art. No. 714 - SCI ; SCOPUS

[o1] 2017 Yao, C. - Zhao, Z. - Jia, Z. - Li, Q. - Qin, G. - Ohishi, Y. - Qin, W.: Applied Physics Letters, Vol. 111, No. 15, 2017, Art. No. 151103 - SCI ; SCOPUS

[o1] 2015 Hu, H.Y. - Zhang, X. - Li, W.B. - Dutta, N.K.: Applied Optics, Vol. 54, No. 11, 2015, s. 3448-3454 - SCI

[o1] 2015 Rajalingam, S. - Alex, Z.C.: Optoelectronics and Advanced Materials-Rapid Communications, Vol. 9, No. 9-10, 2015, s. 1208-1213 - SCI

[o1] 2016 Klenner, A. - Mayer, A.S. - Johnson, A.R. - Luke, K. - Lamont, M.R.E. - Okawachi, Y. - Lipson, M. - Gaeta, A.L. - Keller, U.: Optics Express, Vol. 24, No. 10, 2016, nestr. - SCI

[o1] 2017 Yao, C.F. - Zhao, Z.P. - Jia, Z.X. - Li, Q. - Qin, G.S. - Ohishi, Y. - Qin, W.P.: Applied Physics Letters, Vol. 111, No. 15, 2017, Art. No. 151103 - SCI

[o1] 2017 Gstalter, M. - Chabrol, G. - Bahouka, A. - Serreau, L. - Heitz, J.L. - Taupier, G. - Dorkenoo, K.D. - Rehspringer, J.L. - Lecler, S.: Applied Physics A-Materials Science & Processing, Vol. 123, No. 11, 2017, Art. No. 714 - SCI

[o1] 2019 He, J. - Zhan, H. - Lin, A.: Optical Materials, Vol. 96, 2019, Art. No. UNSP 109280 - SCI

[o1] 2019 Rajaofara, Z. - Leproux, P. - Capitaine, E. - Kano, H. - Hayakawa, T. - Thomas, P. - Duclere, J.R. - Couderc, V.: AIP Advances, Vol. 9, No. 10, 2019, Art. No. 105301 - SCI

ADC09 Lorenc, D. - Bugár, I. - Jerigová, Monika [UKOPRCFZ] - Buczynski, Ryszard - Pysz, Dariusz - Velič, Dušan [UKOPRCFZ] (10%) - Chorvát, Dušan [UKOMFKJFB]: Linear and nonlinear properties of multicomponent glass photonic crystal fibers

Lit.: 22 záz.

In: Laser Physics. - Vol. 18, No. 3 (2008), s. 270-276. - ISSN 1054-660X

*Indikátor časopisu:*

IF (JCR) 2008=0,777

*Ohlasy (2):*

[o1] 2010 Santos, C.C. - Guedes, I. - Siqueira, J.P. - Misoguti, L. - Zilio, S.C. - Boatner, L.A.: Applied Physics B-Lasers and Optics, Vol. 99, No. 3, 2010, s. 559-563 - SCI

[o1] 2014 Berghmans, F. - Geernaert, T. - Baghdasaryan, T. - Thienpont, H.: Laser and Photonics Reviews, Vol. 8, No. 1, 2014, s. 27-52 - SCI

ADC10 Černušák, Ivan [UKOPRCFZ] (40%) - Jerigová, Monika [UKOPRCFZ] (10%) - Vollárová, Oľga [UKOPRCFZ] (10%) - Velič, Dušan [UKOPRCFZ] (10%) - Kirdajová, Oľga (20%) - Benko, Ján [UKOPRCFZ] (10%):

Interaction of Monovalent Cations with Acetonitrile

Lit.: 44 záz. , 4 obr. , 4 tab.

In: International Journal of Quantum Chemistry. - Vol. 109, No. 11 (2009), s. 2365-2372. - ISSN 0020-7608

*Indikátor časopisu:*

IF (JCR) 2009=1,315

*Ohlasy (3):*

[o1] 2010 Eilmes, A. - Kubisiak, P.: Journal of Physical Chemistry A, Vol. 114, No. 2, 2010, s. 973-979 - SCI

[o1] 2010 Ilias, M. - Kello, V. - Urban, M.: Acta Physica Slovaca, Vol. 60, No. 3, 2010, s. 259-391 - SCI

[o1] 2011 Makshakova, O. - Chachkov, D. - Ermakova, E.: International Journal of Quantum Chemistry, Vol. 111, No. 11, Sp. Iss., 2011, s. 2525-2539 - SCI

ADC11 Novák, I. - Sysel, P. - Zemek, J. - Spirkova, M. - Velič, Dušan [UKOPRCFZ] (9%) - Jerigová, Monika [UKOPRCFZ] - Florian, S - Pollak, V. - Kleinová, A. - Lednický, F. - Janigova, I.: Surface and adhesion properties of poly(imide-siloxane) blockcopolymers

Lit.: 23 záz.

In: European Polymer Journal. - Vol. 45, No. 1 (2009), s. 57-69. - ISSN 0014-3057

*Indikátor časopisu:*

IF (JCR) 2009=2,310

*Ohlasy (27):*

[o1] 2010 Weidner, S.M. - Trimpin, S.: Analytical Chemistry, Vol. 82, No. 12, 2010, s. 4811-4829 - SCI

[o1] 2010 June, S.M. - Suga, T. - Heath, W.H. - Long, T.E. - Lin, Q. - Puligadda, R.: Journal of Adhesion, Vol. 86, No. 10, Sp. Iss., 2010, s. 1012-1028 - SCI

[o1] 2011 Hamciuc, C. - Hamciuc, E. - Serbezeanu, D. - Vlad-Bubulac, T. - Cazacu, M.: Polymer International, Vol. 60, No. 2, 2011, s. 312-321 - SCI

[o1] 2011 Hamciuc, C. - Hamciuc, E. - Okrasa, L.: Macromolecular Research, Vol. 19, No. 3, 2011, s. 250-260 - SCI

[o1] 2011 Ghosh, A. - Banerjee, S. - Komber, H. - Haussler, L. - Schneider, K. - Voit, B.: Macromolecular Materials and Engineering, Vol. 296, No. 5, 2011, s. 391-400 - SCI

[o1] 2011 Gao, Q.S. - Qi, S.L. - Wu, Z.P. - Wu, D.Z. - Yang, W.T.: Thin Solid Films, Vol. 519, No. 19, 2011, s. 6499-6507 - SCI

[o1] 2011 Song, X.H. - Gunawan, P. - Jiang, R.R. - Leong, S.S.J. - Wang, K.A. - Xu, R.: Journal of Hazardous Materials, Vol. 194, 2011, s. 162-168 - SCI

[o1] 2011 Pei, X.L. - Chen, G.F. - Fang, X.Z.: High Performance Polymers, Vol. 23, No. 8, 2011, s. 625-632 - SCI

[o1] 2012 Ghosh, A. - Sen, S.K. - Banerjee, S. - Voit, B.: RSC Advances, Vol. 2, No. 14, 2012, s. 5900-5926 - SCI

[o1] 2012 Ghosh, A. - Banerjee, S. - Wang, D.Y. - Komber, H. - Voit, B.: Journal of Applied Polymer Science, Vol. 123, No. 5, 2012, s. 2959-2967 - SCI

[o1] 2013 Rafiemanzelat, F. - Khoshfetrat, S.M. - Kolahdoozan, M.: Journal of Applied Polymer Science, Vol. 127, No. 4, 2013, s. 2371-2379 - SCI

[o1] 2013 Pei, X. - Chen, G. - Fang, X.: Journal of Applied Polymer Science, Vol. 129, No. 6, 2013, s. 3718-3727 - SCI ; SCOPUS

[o1] 2013 Jo, N.-J. - Chun, J.H. - Lim, K.T. - Jang, E.-S. - Lee, W.-K.: Macromolecular Research, Vol. 21, No. 7, 2013, s. 821-825 - SCI ; SCOPUS

[o1] 2013 Gao, Q.-S. - Tian, G.-F. - Qi, S.-L. - Wu, Z.-P. - Wu, D.-Z.: Chinese Journal of Polymer Science (English Edition), Vol. 31, No. 3, 2013, s. 427-433 - SCI ; SCOPUS

[o1] 2013 Fukukawa, K.-I. - Okazaki, M. - Sakata, Y. - Urakami, T. - Yamashita, W. - Tamai, S.: Polymer (United Kingdom), Vol. 54, No. 3, 2013, s. 1053-1063 - SCI ; SCOPUS

[o1] 2013 Halim, A. - Gurr, P.A. - Blencowe, A. - Bryant, G. - Kentish, S.E. - Qiao, G.G.: Polymer (United Kingdom), Vol. 54, No. 2, 2013, s. 520-529 - SCI ; SCOPUS

- [o1] 2014 Wang, X.Y. - Ma, J.X. - Li, C.G. - Wang, H.X.: Applied Surface Science, Vol. 299, April, 2014, s. 73-80 - SCI ; SCOPUS
- [o1] 2014 Zhang, L.L. - Tian, G.F. - Wang, X.D. - Qi, S.L. - Wu, Z.P. - Wu, D.Z.: Composites Part B: Engineering, Vol. 56, Januar, 2014, s. 808-814 - SCI ; SCOPUS
- [o1] 2015 Glaris, P. - Coulon, J.-F. - Dorget, M. - Poncin-Epaillard, F.: Composites Part B: Engineering, Vol. 69, February, 2015, s. 6-12 - SCI ; SCOPUS
- [o1] 2016 Yan, Y.B. - Dai, Y.H. - Wang, S.C. - Jia, X.L. - Yu, H. - Yang, Y.H.: Applied Catalysis B-Environmental, Vol.184, May, 2016, s. 104-118 - SCI ; SCOPUS
- [o1] 2016 Sun, P.P. - Zhang, K.T. - Shang, S.B. - Song, J. - Wang, D.: RSC Advances, Vol.6, No. 98, 2016, s. 95656-95662 - SCI ; SCOPUS
- [o1] 2017 Zhong, X.Q. - Pei, X.L. - He, L. - Zhai, W.T. - Zheng, W.E.: Journal of Sol-Gel Science and Technology, Vol. 81, January, 2017, s. 220-225 - SCI ; SCOPUS
- [o1] 2017 Li, L.S. - Xu, Y. - Che, J.F. - Su, X. - Song, C.R. - M.X.P.: Macromolecular Research, Vol. 25, No. 11, 2017, s. 1076-1084 - SCI
- [o1] 2018 Mondal, S. - Derebe, A.T. - Wang, K.: Korean Journal of Chemical Engineering, Vol. 35, No. 1, 2018, s. 147-152 - SCI
- [o1] 2018 Hamciuc, C. - Lisa, G. - Hamciuc, E. - Tudorachi, N.: Journal of Analytical and Applied Pyrolysis, Vol. 129, January, 2018, s. 204-214 - SCI
- [o1] 2019 Zhao, D. - Chen, W. - Qu, C. - Liu, C. - Cui, B. - Li, G. - Song, J. - Li, L. - Zheng, S. - Chang, J. - Tang, Y. - Shang, L. - Zhang, H.: Journal of Applied Polymer Science, Vol. 136, No. 43, 2019, Art. No. 48148 - SCI ; SCOPUS
- [o1] 2019 Yang, T. - Hu, Y.H. - Deng, S.F. - Du, L. - Zhou, J.L. - Hu, J.J. - Jian, X.: High Performance Polymers, Vol. 31, No. 9-10, 2019, s. 1259-1271 - SCI

ADC12 Talian, Ivan [UKOPRCAL] (30%) - Jerigová, Monika [UKOPRCFZ] (20%) - Oriňak, Andrej (10%) - Velič, Dušan [UKOPRCFZ] (5%) - Haško, Daniel (5%) - Kaniansky, Dušan [UKOPRCAL] (5%) - Oriňaková, Renáta [UKOEXRP] (20%) - Hübner, Jörg (5%): Functionality of novel black silicon based nanostructured surfaces studied by TOF SIMS = Funkcionalita nových nanoštrukturovaných povrchov na báze čierneho oxidu kremičitého študovaná pomocou TOF SIMS

Lit.: 12 zázň., 7 obr., 1 tab.

In: Applied Surface Science. - Vol. 256, No. 7 (2010), s. 2147-2154. - ISSN (print) 0169-4332

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2010=1,795

Ohlasy (8):

- [o1] 2010 Gal, M. - Hives, J. - Sokolova, R. - Hromadova, M. - Bulickova, J. - Kolivoska, V. - Pospisil, L.: Electrochemistry of Selected Radiosensitizer-Etanidazole. In: Modern Electrochemical Methods 30. Ústí nad Labem : Lenka Srsenova-BestServis, 2010, S. 55-59 - CPCI-S
- [o1] 2012 Gal, M. - Kolivoska, V. - Kavan, L. - Bulickova, J. - Pospisil, L. - Hromadova, M. - Zukalova, M. - Sokolova, R. - Kielar, F: Fullerenes Nanotubes and Carbon Nanostructures, Vol. 20, No. 8, 2012, s. 737-742 - SCI ; SCOPUS
- [o1] 2012 Funk, C. - Dietrich, P.M. - Gross, T. - Min, H.G. - Unger, W.E.S. - Weigel, W.: Surface and Interface Analysis, Vol. 44, No. 8, Sp. Iss., 2012, s. 890-894 - SCI
- [o1] 2013 Wang, D.P. - Wang, Z.B. - Zhang, Z. - Yue, Y. - Li, D.Y. - Maple, C.: Applied Surface Science, Vol. 282, October, 2013, s. 67-72 - SCI ; SCOPUS
- [o1] 2013 Wang, D.P. - Wang, Z.B. - Zhang, Z. - Yue, Y. - Li, D.Y. - Maple, C.: Applied Physics Letters, Vol. 102, No. 8, 2013, Art. No. 081903 - SCI ; SCOPUS
- [o1] 2014 Wang, D.P. - Wang, Z.B. - Zhang, Z. - Yue, Y. - Li, D.Y. - Qiu, R.X. - Maple, C.: Journal of Applied Physics, Vol. 115, No. 23, 2014, Art. No. 233101 - SCI ; SCOPUS
- [o1] 2016 Srisuai, N. - Horprathum, M. - Eiamchai, P. - Chindaudom, P. - Boonruang, S. - Denchitcharoen, S.: Development of nanohole array patterned by laser interference lithography technique. In: 2nd International Conference on Applied Physics and Material Applications : ICAPMA 2015. Stafa-Zurich : Trans Tech Publications, 2016, S. 41-44 - SCOPUS
- [o1] 2019 Liu, L.-H. - Cui, S.-H. - Fu, T.-Z. - Yuan, Y. - Li, C.-B.: Applied Surface Science, Vol. 464, January, 2019, s. 337-343 - SCI ; SCOPUS

ADC13 Boča, Miroslav (40%) - Moncol, Ján (5%) - Netriová, Zuzana (34%) - Velič, Dušan [UKOPRCFZ] (3%) - Jerigová, Monika [UKOPRCFZ] (3%) - Nunnery, Tim S. (3%) - Baily, Christopher J. (3%) - Kubíková, Blanka (3%) - Šimko, František (3%) - Janderka, Pavel(3%): Variation of oxygen content in selected potassium fluorido-oxido-tantalate phases

Lit.: 43 zázň., 4 obr., 3 tab.

In: Solid State Sciences. - Vol. 13, No. 12 (2011), s. 2190-2195. - ISSN 1293-2558

*Indikátor časopisu:*

IF (JCR) 2011=1,856

*Ohlasy (6):*

[o1] 2016 Dolmatov, V.S. - Kuznetsov, S.A.: Russian Metallurgy, Vol. 8, August, 2016, s. 756-762 - SCI ; SCOPUS

[o1] 2017 Yue, X. - Zhong, C.Y. - Huang, S.L. - Jin, Y.S. - He, C.Y. - Chen, Y.P. - Shen, P.K.: Electrochimica Acta, Vol. 245, August, 2017, s. 185-192 - SCI ; SCOPUS

[o1] 2017 Kuznetsov, S.A.: Journal of the Electrochemical Society, Vol. 164, No. 8, 2017, s. H5145-H5149 - SCI ; SCOPUS

[o1] 2017 Li, L. - Xu, Y. - Che, J. - Su, X. - Song, C. - Xiuping, M.: Macromolecular Research, Vol. 25, No. 11, 2017, s. 1076-1084 - SCI ; SCOPUS

[o1] 2018 Mondal, S. - Derebe, A.T. - Wang, K.: Korean Journal of Chemical Engineering, Vol. 35, No. 1, 2018, s. 147-152 - SCI ; SCOPUS

[o1] 2019 Zhou, Y. - Zhang, S. - Wang, X. - Jiao, H.: Inorganic Chemistry, Vol. 58, No. 7, 2019, s. 4412-4419 - SCI ; SCOPUS

**ADC14 Jerigová, Monika [UKOPRCFZ] (16%) - Biró, Csaba (14%) - Kirchnerová, Jana (14%) - Chorvátová, Alžbeta [UKOEXFM] (14%) - Chorvát, Dušan [UKOEXFM] (14%) - Lorenc, Dušan (14%) - Velič, Dušan [UKOPRCFZ] (14%): Chemical Imaging of Cardiac Cell and Tissue by Using Secondary Ion Mass Spectrometry**

Lit. 16 zázň., 6 obr., 1 tab.

In: Molecular Imaging and Biology. - Vol. 13, No. 6 (2011), s. 1067-1076. - ISSN 1536-1632

*Indikátor časopisu:*

IF (JCR) 2011=3,844

*Ohlasy (5):*

[o1] 2015 Weaver, E.M. - Hummon, A.B. - Keithley, R.B.: Analytical Methods, Vol. 7, No. 17, 2015, s. 7208-7219 - SCI ; SCOPUS

[o1] 2015 Schaepe, K. - Kokesch-Himmelreich, J. - Rohnke, M. Wagner, A.-S. - Schaaf, T. - Wensch, S. - Janek, J.: Biointerphases, Vol. 10, No. 1, 2015, Art. No. 019016 - SCI ; SCOPUS

[o1] 2016 Schaepe, K. - Kokesch-Himmelreich, J. - Rohnke, M. Wagner, A.-S. - Schaaf, T. - Henss, A. - Wensch, S. - Janek, J.: Biointerphases, Vol. 11, No. 2, 2016, Art. No. 02A313 - SCI

[o1] 2017 Tian, H. - Sparvero, L.J. - Amoscato, A.A. - Bloom, A. - Bayir, H. - Kagan, V.E. - Winograd, N.: Analytical Chemistry, Vol. 89, April, 2017, s. 4611-4619 - SCI ; SCOPUS

[o1] 2019 Mezger, S.T.P. - Mingels, A.M.A. - Bekers, O. - Cillero-Pastor, B. - Heeren, R.M.A.: Analytical and Bioanalytical Chemistry, Vol. 411, No. 17, 2019, s. 3709-3720 - SCI ; SCOPUS

**ADC15 Jerigová, Monika [UKOPRCFZ] (25%) - Stančíková, M. (25%) - Rovenský, J. (25%) - Velič, Dušan [UKOPRCFZ] (25%): Strontium distribution in bones and tissues of strontium ranelate-administrated rats**  
**Lit.: 15 zázň., 2 obr., 1 tab.**

**In: Surface and Interface Analysis. - Vol. 43, No. 1-2 (2011), s. 306-309. - ISSN 0142-2421**

*Indikátor časopisu:*

IF (JCR) 2011=1,180

*Ohlasy (4):*

[o1] 2012 Konicek, A.R. - Lefman, J. - Szakal, C.: Analyst, Vol. 137, No. 15, 2012, s. 3479-3487 - SCI

[o1] 2014 Górska, N. - Szostak, E. - Druzbecki, K. - Mikuli, E. - Inaba, A. - Hirao, Y.: Journal of Coordination Chemistry, Vol. 67, No. 19, 2014, s. 3135-3154 - SCI ; SCOPUS

[o1] 2014 Li, X. - Li, Y. - Jin, W. - Zheng, Y. - Rong, C. - Lyu, H. - Shen, H.: Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, Vol. 332, August, 2014, s. 321-325 - SCI ; SCOPUS

[o1] 2017 Amaravathy, P. - Kumar, T.S.S.: Journal of Biomimetics Biomaterials and Biomedical Engineering, Vol. 34, 2017, s. 57-67 - SCI

ADC16 Kuruc, Jozef [UKOPRCJD] (20%) - Harvan, Dávid (20%) - Galanda, Dušan [UKOPRCJD] (15%) - Mátel, Lubomír [UKOPRCJD] (15%) - Jerigová, Monika [UKOPRCFZ] (15%) - Velič, Dušan [UKOPRCFZ] (15%): Alpha spectrometry and secondary ion mass spectrometry of electrodeposited uranium films  
Lit.: 31 zázň., 9 obr., 2 tab.  
In: Journal of Radioanalytical and Nuclear Chemistry. - Vol. 289, No. 2 (2011), s. 611-615. - ISSN 0236-5731  
*Indikátor časopisu:*  
IF (JCR) 2011=1,520  
*Ohlasy (9):*  
[o1] 2012 Grahek, Z. - Nodilo, M.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 293, No. 3, 2012, s. 815-827 - SCI ; SCOPUS  
[o1] 2013 Dumitru, O.A. - Begy, R.C. - Nita, D.C. - Bobos, L.D. - Cosma, C.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 298, No. 2, 2013, s. 1335-1339 - SCI ; SCOPUS  
[o1] 2013 Jobbágy, V. - Teresa Crespo, M. - Van Ammel, R. - Marouli, M. - Moens, A. - Pommé, S. - García-Torano, E.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 298, No. 1, 2013, s. 345-352 - SCI ; SCOPUS  
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[o1] 2015 Adamska, A.M. - Bright, E.L. - Sutcliffe, J. - Liu, W. - Payton, O.D. - Picco, L. - Scott, T.B.: Thin Solid Film, Vol. 597, December, 2015, s. 57-64 - SCI ; SCOPUS  
[o1] 2015 Willingham, D. - Naes, B.E. - Fahey, A.J.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 303, No. 1, 2015, s. 655-662 - SCI ; SCOPUS  
[o1] 2016 Varshney, J. - Rajak, S. - Ghosh, S.K. - Vishwanadh, B. - Tewari, R. - Sastry, P.U. - Kain, V. - Dey, G.K.: RSC Advances, Vol. 6, 2016, s. 112646-112655 - SCI ; SCOPUS  
[o1] 2017 Díaz-Francés, J.A. - Cortés-Giraldo, M.A. - Jiménez-Ramos, M.C. - Hurtado-Bermúdez, S.: Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 875, December, 2017, s. 21-26 - SCI ; SCOPUS  
[o1] 2020 Wen, J. - Yang, Y.W. - Han, Z.J.; - Wen, Z.W. - Liu, R. - Chen, Q.P. - Liu, X.Y. - Wang, M.: Applied radiation and isotopes, Vol. 164, 2020, Art. No. 109300 - SCI ; SCOPUS

ADC17 Rábara, Ladislav (34%) - Jerigová, Monika [UKOPRCFZ] (33%) - Velič, Dušan [UKOPRCFZ] (33%): Thiolated cyclodextrin self-assembled monolayer-like characterized with secondary ion mass spectrometry  
Lit.: 39 zázň., 3 obr., 1 tab.  
In: Applied Surface Science. - Vol. 257, No. 6 (2011), s. 1886-1892. - ISSN (print) 0169-4332  
*Indikátor časopisu:*  
IF (JCR) 2011=2,103  
*Ohlasy (3):*  
[o1] 2015 Chen, L.Y. - Wang, C.W. - Yuan, Z.Q. - Chang, H.T.: Analytical Chemistry, Vol. 87, No. 1, Sp. Iss., 2015, s. 216-229 - SCI  
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ADC18 Stupavská, Monika [UKOPRCFZ] (34%) - Jerigová, Monika [UKOPRCFZ] (33%) - Velič, Dušan [UKOPRCFZ] (33%): Alkaline earth metal salts of CaCO<sub>3</sub>, BaCO<sub>3</sub>, and SrCO<sub>3</sub> as matrix for tryptophan SIMS analysis  
Lit.: 23 zázň., 3 obr.  
In: Surface and Interface Analysis. - Vol. 43, No. 1-2 (2011), s. 462-466. - ISSN 0142-2421  
*Indikátor časopisu:*  
IF (JCR) 2011=1,180

ADC19 Stupavská, Monika [UKOPRCFZ] (21%) - Jerigová, Monika [UKOPRCFZ] (13%) - Michalka, Miroslav (13%) -

Haško, Daniel (13%) - Szöcs, Vojtech [UKOPRCUS] (20%) - Velič, Dušan [UKOPRCFZ] (20%): Fullerenes, nanotubes, and graphite as matrices for collision mechanism in secondary ion mass spectrometry: determination of cyclodextrin

Lit.: 24 zázn., 5 obr., 2 tab.

In: Journal of the American Society for Mass Spectrometry. - Vol. 22, No. 12 (2011), s. 2179-2187. - ISSN 1044-0305

*Indikátor časopisu:*

IF (JCR) 2011=4,002

*Ohlasy (1):*

[o1] 2015 Suarez, M. - Maroto, E.E. - Filippone, S. - Martin, N. - Martinez-Alvarez, R.: Rapid Communications in Mass Spectrometry, Vol. 29, No. 6, 2015, s. 497-504 - SCI

ADC20 Kuruc, Jozef [UKOPRCJD] (15%) - Slimáková, Jana [UKOPRCJD] (15%) - Galanda, Dušan [UKOPRCJD] (15%) - Dulanská, Silvia [UKOLFULFB] (15%) - Mátel, Lubomír [UKOPRCJD] (13%) - Jerigová, Monika [UKOPRCFZ] (14%) - Velič, Dušan [UKOPRCFZ] (13%): Secondary ion mass spectrometry and alpha-spectrometry of electrodeposited thorium films

Lit.: 21 zázn., 12 obr., 4 tab.

In: Journal of Radioanalytical and Nuclear Chemistry. - Vol. 292, No. 3 (2012), s. 973-981. - ISSN 0236-5731

*Indikátor časopisu:*

IF (JCR) 2012=1,467

*Ohlasy (7):*

[o1] 2014 Zhang, S. - Ding, Y. - Gu, Z. - Wang, X. - Ye, G. - Wang, X. - Shen, X. - Qin, Z. - Zhao, Y. - Shi, Q. - Li, J.: Chemistry Bulletin/Huaxue Tongbao, Vol. 77, No. 7, 2014, s. 660-669 - SCOPUS

[o1] 2015 Willingham, D. - Naes, B.E. - Fahey, A.J.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 303, No. 1, 2015, s. 655-662 - SCI ; SCOPUS

[o1] 2016 Liu, N. - Wang, Y. - He, C.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 308, No. 2, 2016, s. 393-401 - SCOPUS ; SCI

[o1] 2016 Aggarwal, S.K.: Radiochimica Acta, Vol. 104, No. 7, 2016, s. 445-455 - SCI ; SCOPUS

[o1] 2017 Tan, J. - Wang, Y. - Liu, M. - He, C.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 314, No. 3, 2017, s. 2243-2252 - SCI ; SCOPUS

[o1] 2020 Ma, Z.L. - Wang, Y.F. - Luo, Y.G. - Xie, X.Q. - Xiong, Z.: Journal of radioanalytical and nuclear chemistry, Vol. 323, No. 2, 2020, s. 993-1002 - SCI ; SCOPUS

[o1] 2020 Ko, Y.G.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 326, No. 2, 2020, s. 861-877 - SCI ; SCOPUS

ADC21 Lorenc, Dušan (20%) - Jáné, Eduard [UKOPRCFZ] (20%) - Stupavská, Monika [UKOPRCFZ] (20%) - Jerigová, Monika [UKOPRCFZ] (20%) - Velič, Dušan [UKOPRCFZ] (20%): Infrared Femtosecond Laser Preionization in Secondary Ion Mass Spectrometry of Silver Surface

Lit.: 19 zázn., 3 obr.

In: Journal of the American Society for Mass Spectrometry. - Vol. 23, No. 7 (2012), s. 1266-1270. - ISSN 1044-0305

*Indikátor časopisu:*

IF (JCR) 2012=3,592

ADC22 Procházka, Michal [UKOPRCFZ] (60%) - Stupavská, Monika (15%) - Jerigová, Monika [UKOPRCFZ] (10%) - Velič, Dušan [UKOPRCFZ] (15%): TiO<sub>2</sub> photocatalytic degradation of cholesterol: SIMS study

Recenzované

Lit.: 10 zázn., 4 obr.

In: Surface and Interface Analysis. - Vol. 45, No. 1 (2013), s. 22-26. - ISSN 0142-2421

[SIMS 18. International Conference on Secondary Ion Mass Spectrometry. 18th, Riva del Garda, 18.-23.9.2011]

*Indikátor časopisu:*

IF (JCR) 2013=1,393

POZNÁMKA:

vyšlo aj online na <http://onlinelibrary.wiley.com/doi/10.1002/sia.v45.1/issuetoc> -

*Ohlasy (1):*



- [o1] 2015 Sinha, A. - Basiruddin, S.K. - Chakraborty, A. - Jana, N.R.: ACS Applied Materials and Interfaces, Vol. 7, No. 2, 2015, s. 1340-1347 - SCI ; SCOPUS
- ADC23 Stupavská, Monika (34%) - Jerigová, Monika [UKOPRCFZ] (33%) - Velič, Dušan [UKOPRCFZ] (33%): Matrix and primary ion-related aspects of tryptophan SIMS analysis  
Lit.: 15 zázň., 1 obr., 1 tab.  
In: Surface and Interface Analysis. - Vol. 45, No. 1 Sp. Iss. (2013), s. 68-71. - ISSN 0142-2421  
*Indikátor časopisu:*  
IF (JCR) 2013=1,393
- ADC24 Škantárová, Lenka [UKOPRCAL] (30%) - Oriňak, Andrej (30%) - Oriňaková, Renáta [UKOEXRP] (10%) - Jerigová, Monika [UKOPRCFZ] (10%) - Stupavská, Monika (10%) - Velič, Dušan [UKOPRCFZ] (10%): Functional silver nanostructured surfaces applied in SERS and SIMS = Funkčné strieborné nanoštrukturované vrstvy pre SERS a SIMS analýzu  
Lit.: 24 zázň., 7 obr., 4 tab.  
In: Surface and Interface Analysis. - Vol. 45, No. 8 (2013), s. 1266-1272. - ISSN 0142-2421  
*Registrované v:* wos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2013=1,393  
*Ohlasy (4):*  
[o1] 2014 Quyen, T.T.B. - Su, W.N. - Chen, C.H. - Rick, J. - Liu, J.Y. - Hwang, B.J.: Journal of Materials Chemistry B, Vol. 2, No. 34, 2014, s. 5550-5557 - SCI ; SCOPUS  
[o1] 2014 Mettela, G. - Siddhanta, S. - Narayana, C. - Kulkarni, GU.: Nanoscale, Vol. 6, No. 13, 2014, s. 7480-7488 - SCI ; SCOPUS  
[o1] 2017 Kogikoski, S. - Khanra, S. - Alves, W.A. - Guha, S.: Journal of Chemical Physics, Vol. 147, August, 2017, Art. No. 084703 - SCI ; SCOPUS  
[o1] 2019 Nowak, M. - Trojanowska, A. - Marciniak, L. - Binczyk, M. - Tylkowski, B. - Runka, T. - Jastrzab, R.: Applied Surface Science, Vol. 472, Sp. Iss., April, 2019, s. 93-98 - SCOPUS
- ADC25 Gregová Trenčanová, Marianna [UKOPRCFZ] (35%) - Szöcs, Vojtech [UKOPRCUS] (5%) - Halászová, Soňa [UKOPRCFZ] (5%) - Jerigová, Monika [UKOPRCFZ] (5%) - Haizer, Ľudovít [UKOMFKEFd] (5%) - Velič, Dušan [UKOPRCFZ] (35%) - Jáné, Eduard [UKOPRCFZ] (10%): Fluorescence Dynamics of Monocyclodextrin- and Bis(thiol-cyclodextrin)-Coumarin C153 Complexes  
Lit. 37 zázň., 6 obr., 1 tab.  
In: ChemPhysChem. - Vol. 16, No. 11 (2015), s. 2466-2473. - ISSN 1439-4235  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2015=3,138  
*Kvartil Q:*  
wos-jcr -- Q2 [chemistry, physical] ; Q1 [physics, atomic, molecular and chemical] -- 2015
- ADC26 Halászová, Soňa [UKOPRCFZ] (40%) - Jerigová, Monika [UKOPRCFZ] (5%) - Lorenc, Dušan (15%) - Velič, Dušan [UKOPRCFZ] (40%): Preparation of Cyclodextrin-Iron Species in Water by Laser Ablation: Secondary Ion Mass Spectrometry  
Lit.: 25 zázň., 2 obr., 1 tab.  
In: ChemPhysChem. - Vol. 16, No. 10 (2015), s. 2110-2113. - ISSN 1439-4235  
*Registrované v:* wos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2015=3,138  
*Kvartil Q:*  
wos-jcr -- Q2 [chemistry, physical] ; Q1 [physics, atomic, molecular and chemical] -- 2015  
*Ohlasy (1):*

[o1] 2018 Diamantis, D.A. - Ramesova, S. - Chatzigiannis, C.M. - Degano, I. - Gerogianni, P.S. - Karadima, K.E. - Perikleous, S. - Rekkas, D. - Gerothanassis, I.P. - Galaris, D. - Mavromoustakos, T. - Valsami, G. - Sokolova, R. - Tzakos, A.G.: *Biochimica et Biophysica Acta-General Subjects*, Vol. 1862, No. 9, 2018, s. 1913-1924 - SCI

ADC27 Halászová, Soňa [UKOPRCFZ] (40%) - Jerigová, Monika [UKOPRCFZ] (5%) - Lorenc, Dušan (10%) - Procházka, Michal [UKOPRCFZ] (5%) - Velič, Dušan [UKOPRCFZ] (40%): *Surface Nanostructures Composed of Thiolated Cyclodextrin/Au and Fe Species: Gas- and Liquid-Phase Preparation*  
Lit.: 34 zázň., 3 obr., 1 tab.  
In: *ChemPhysChem*. - Vol. 17, No. 5 (2016), s. 2295-2299. - ISSN 1439-4235  
*Registrované v:* scopus  
*Registrované v:* vos  
*Indikátor časopisu:*  
IF (JCR) 2016=3,075  
*Kvartil Q:*  
vos-jcr -- Q2 [chemistry, physical] ; Q1 [physics, atomic, molecular & chemical] -- 2016

ADC28 Jerigová, Monika [UKOPRCFZ] (20%) - Szöcs, Vojtech (20%) - Janek, Marián [UKOPRCFZs] (20%) - Lorenc, Dušan (20%) - Velič, Dušan [UKOPRCFZ] (20%): **Muscovite single layer resolution: Secondary ion mass spectrometry depth profile**  
Lit.: 12 zázň., 4 obr., 1 tab.  
In: *Applied Clay Science*. - Vol. 132-133, November, Sp. Iss. (2016), s. 621-625. - ISSN 0169-1317  
*Registrované v:* vos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2016=3,101  
*Kvartil Q:*  
vos-jcr -- Q2 [chemistry, physical] ; Q1 [materials science, multidisciplinary] ; Q1 [mineralogy] -- 2016

ADC29 Erdelyi, Branislav (32%) - Oriňak, Andrej (20%) - Oriňaková, Renáta (20%) - Lorinčík, Ján (4%) - Jerigová, Monika [UKOPRCFZ] (4%) - Velič, Dušan [UKOPRCFZ] (4%) - Mičušík, Matej (4%) - Omastová, Mária (4%) - Smith, Roger M. (4%) - Girman, Vladimír(4%): *Catalytic activity of mono and bimetallic Zn/Cu/MWCNTs catalysts for the thermocatalyzed conversion of methane to hydrogen*  
Lit.: 45 zázň., 13 obr.  
In: *Applied Surface Science*. - Vol. 396, February (2017), s. 574-581. - ISSN (print) 0169-4332  
*Registrované v:* vos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2017=4,439  
*Kvartil Q:*  
vos-jcr -- Q2 [chemistry, physical] ; Q1 [materials science, coatings and films] ; Q1 [physics, applied] ; Q2 [physics, condensed matter] -- 2017  
*Ohlasy (3):*  
[o1] 2019 Nasr-Esfahani, P. - Ensafi, A.A. - Rezaei, B.: *Electroanalysis* Vol. 31, No. 1, 2019, s. 40-49 - SCI ; SCOPUS  
[o1] 2019 Zhang, J. - Xie, W. - Li, X. - Hao, Q. - Chen, H. - Ma, X.: *International Journal of Hydrogen Energy*, Vol. 44, No. 5, 2019, s. 2633-2644 - SCI ; SCOPUS  
[o1] 2019 Abdolhi, N. - Aghaei, M. - Soltani, A. - Mighani, H. - Ghaemi, E.A. - Javan, M.B. - Khalaji, A.D. - Sharbati, S. - Shafipour, M. - Balakheyli, H.: *Journal of Structural Chemistry*, Vol. 60, No. 5, 2019, s. 845-853 - SCI ; SCOPUS

ADC30 Lorenc, Dušan (25%) - Jerigová, Monika [UKOPRCFZ] (25%) - Stupavská, Monika (25%) - Velič, Dušan [UKOPRCFZ] (25%): *Adaptive Control of Ion Yield in Femtosecond Laser Post-ionization for Secondary Ion Mass Spectrometry*  
Lit.: 35 zázň., 5 obr., 1 tab.  
In: *Scientific reports [elektronický dokument]*. - Vol. 7, No. 1 (2017), Art. No. 5953 [online] [7 s.]. - ISSN (online) 2045-2322

URL: <https://www.nature.com/articles/s41598-017-06562-9>

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2017=4,122

Kvartil Q:

wos-jcr -- Q1 [multidisciplinary sciences] -- 2017

ADC31 Lorencová, Lenka (14%) - Bertok, Tomáš (7%) - Došeková, Erika (7%) - Holazová, Alena (7%) - Paprčková, Darina (7%) - Vikartovská, Alica (7%) - Sasinková, Vlasta (7%) - Filip, Jaroslav (7%) - Kasák, Peter (7%) - Jerigová, Monika [UKOPRCFZ] (8%) - Velič, Dušan [UKOPRCFZ] (8%) - Mahmoud, Khaled A. (7%) - Tkáč, Ján (7%): Electrochemical performance of Ti3C2Tx MXene in aqueous media: towards ultrasensitive H2O2 sensing Lit.: 68 zázn., 10 obr.

In: *Electrochimica Acta*. - Vol. 235, May (2017), s. 471-479. - ISSN 0013-4686

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2017=5,116

Kvartil Q:

wos-jcr -- Q1 [electrochemistry] -- 2017

Ohlasy (37):

[o1] 2017 Zhu, X.L. - Liu, B.C. - Hou, H.J. - Huang, Z.Y. - Zeinu, K.M. - Huang, L. - Yuan, X.Q. - Guo, D.B. - Hu, J.P. - Yang, J.K.: *Electrochimica Acta*, Vol. 248, September, 2017, s. 46-57 - SCI ; SCOPUS

[o1] 2017 Zhu, J. - Ha, E. - Zhao, G. - Zhou, Y. - Huang, D. - Yue, G. - Hu, L. - Sun, N. - Wang, Y. - Lee, L.Y.S. - Xu, C. - Wong, K.-Y. - Astruc, D. - Zhao, P.: *Coordination Chemistry Reviews*, Vol. 352, December, 2017, s. 306-327 - SCI ; SCOPUS

[o1] 2018 Liu, J.B. - Yang, C. - Shang, Y.H. - Zhang, P. - Liu, J. - Zheng, J.B.: *Microchimica Acta*, Vol. 185, No. 3, 2018, Art. No. UNSP 172 - SCI

[o1] 2018 Wang, H. - Wu, Y. - Yuan, X.Z. - Zeng, G.M. - Zhou, J. - Wang, X. - Chew, J.W.: *Advanced Materials*, Vol. 30, No. 12, 2018, Art. No. 1704561 - SCI

[o1] 2018 Sun, S.J. - Liao, C. - Hafez, A.M. - Zhu, H.L. - Wu, S.P.: *Chemical Engineering Journal*, Vol. 338, April, 2018, s. 27-45 - SCI

[o1] 2018 Jiang, Y.J. - Zhang, X.N. - Pei, L.J. - Yue, S. - Ma, L. - Zhou, L.Y. - Huang, Z.H. - He, Y. - Gao, J.: *Chemical Engineering Journal*, Vol. 339, May, 2018, s. 547-556 - SCI

[o1] 2018 Zheng, J.S. - Wang, B. - Ding, A.L. - Weng, B. - Chen, J.C.: *Journal of Electroanalytical Chemistry*, Vol. 816, May, 2018, s. 189-194 - SCI

[o1] 2018 Lawal, A.T.: *Biosensors & Bioelectronics*, Vol. 106, May, 2018, s. 149-178 - SCI

[o1] 2018 Wu, L.X. - Lu, X.B. - Dhanjai - Wu, Z.S. - Dong, Y.F. - Wang, X.H. - Zheng, S.H. - Chen, J.P.: *Biosensors & Bioelectronics*, Vol. 107, June, 2018, s. 69-75 - SCI

[o1] 2018 Anichini, C. - Czepa, W. - Pakulski, D. - Aliprandi, A. - Ciesielski, A. - Samori, P.: *Chemical Society Reviews*, Vol. 47, No. 13, 2018, s. 4860-4908 - SCI

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[o1] 2019 Li, T. - Chen, L. - Yang, X. - Chen, X. - Zhang, Z. - Zhao, T. - Li, X. - Zhang, J.: *Journal of Materials Chemistry C*, Vol. 7, No. 4, 2019, s. 1022-1027 - SCI ; SCOPUS

[o1] 2019 Fan, M. - Wang, L. - Pei, C.-X. - Shi, W.-Q.: *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, Vol. 34, No. 1, 2019, s. 85-90 - SCI ; SCOPUS

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[o1] 2019 Zhang, H. - Wang, Z. - Zhang, Q. - Wang, F. - Liu, Y.: *Biosensors and Bioelectronics*, Vol. 124-125, January, 2019, s. 184-190 - SCI ; SCOPUS

- [o1] 2019 Gao, Y. - Cao, Y. - Gu, Y. - Zhuo, H. - Zhuang, G. - Deng, S. - Zhong, X. - Wei, Z. - Chen, J. - Pan, X. - Wang, J.-G.: Applied Surface Science, Vol. 465, January, 2019, s. 911-918 - SCI ; SCOPUS
- [o1] 2019 Xu, Y. - Ang, Y.S. - Wu, L. - Ang, L.K.: Nanomaterials, Vol. 9, No. 2, 2019, Art. No. 165 - SCI ; SCOPUS
- [o1] 2019 Zheng, J. - Wang, B. - Jin, Y. - Weng, B. - Chen, J.: Microchimica Acta, Vol. 186, No. 2, 2019, Art. No. 95 - SCI ; SCOPUS
- [o1] 2019 Wu, D. - Wu, M. - Yang, J. - Zhang, H. - Xie, K. - Lin, C.-T. - Yu, A. - Yu, J. - Fu, L.: Materials Letters, Vol. 236, February, 2019, s. 412-415 - SCI ; SCOPUS
- [o1] 2019 Raagulan, K. - Braveenth, R. - Lee, L.R. - Lee, J. - Kim, B.M. - Moon, J.J. - Lee, S.B. - Chai, K.Y.: Nanomaterials, Vol. 9, No. 4, 2019, Art. No. 519 - SCI ; SCOPUS
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- [o1] 2019 Li, S. - Wang, L. - Peng, J. - Zhai, M. - Shi, W.: Chemical Engineering Journal, Vol. 366, June, 2019, s. 192-199 - SCI ; SCOPUS
- [o1] 2019 Rasheed, P.A. - Pandey, R.P. - Jabbar, K.A. - Ponraj, J. - Mahmoud, K.A.: Analytical Methods, Vol. 11, No. 30, 2019, s. 3851-3856 - SCI ; SCOPUS
- [o1] 2019 Yu, H. - Wang, Y. - Jing, Y. - Ma, J. - Du, C.F. - Yan, Q.: Small, Vol. 15, No. 25, 2019, Art. No. 1901503 - SCI ; SCOPUS
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- [o1] 2019 Sun, X. - Gao, Y.J. - Zhao, C.X. - Deng, S.W. - Zhong, X. - Zhuang, G.L. - Wei, Z.Z. - Wang, J.-G.: Advanced Theory and Simulations, Vol. 2, No. 2, 2019, Art. No. 1800158 - SCI
- [o1] 2019 Peng, M. - Zhao, Y. - Chen, D.C. - Tan, Y.W.: Chemcatchem, Vol. 11, No. 17, 2019, s. 4222-4237 - SCI
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- [o1] 2019 Mohammadniaei, M. - Nguyen, H.V. - Tieu, M.V. - Lee, M.-H.: Micromachines, Vol. 10, No. 10, 2019, Art. No. 662 - SCI
- [o1] 2019 Kalambate, P.K. - Gadhari, N.S. - Li, X. - Rao, Z.X. - Navale, S.T. - Shen, Y. - Patil, V.R. - Huang, Y.H.: TRAC-Trends in Analytical Chemistry, Vol. 120, 2019, Art. No. 115643 - SCI
- [o1] 2019 Shahzad, F. - Iqbal, A. - Zaidi, S.A. - Hwang, S.-W. - Koo, C.M.: Journal of Industrial and Engineering Chemistry, Vol. 79, 2019, s. 338-344 - SCI
- [o1] 2019 Khan, K. - Tareen, A.K. - Aslam, M. - Zhang, Y.P. - Wang, R.H. - Ouyang, Z.B. - Gou, Z.Y. - Zhang, H.: Nanoscale, Vol. 11, No. 45, 2019, s. 21622-21678 - SCI
- [o1] 2019 Yu, T. - Breslin, C.B.: Journal of the Electrochemical Society, Vol. 167, No. 3, 2019, Art. No. 037514 - SCI
- [o1] 2019 Xia, F.J. - Lao, J.C. - Yu, R.H. - Sang, X.H. - Luo, J.Y. - Li, Y. - Wu, J.S.: Nanoscale, Vol. 11, No. 48, 2019, s. 23330-23337 - SCI
- [o1] 2020 Gao, Y.J. - Cao, Y.Y. - Zhuo, H. - Sun, X. - Gu, Y.B. - Zhuang, G.L. - Deng, S.W. - Zhong, X. - Wei, Z.Z. - Li, X.N. - Wang, J.-G.: Catalysis Today, Vol. 339, Sp. Iss., 2020, s. 120-126 - SCI

ADC32 Procházka, Michal (20%) - Stupavská, Monika (20%) - Halászová, Soňa (20%) - Jerigová, Monika [UKOPRCFZ] (20%) - Velič, Dušan [UKOPRCFZ] (20%): Ultraviolet photocatalytic degradation of cholesterol on TiO<sub>2</sub>: secondary ion mass spectrometry  
 Lit.: 18 zázň., 4 obr., 1 tab.  
 In: Surface and Interface Analysis. - Vol. 49, No. 4 (2017), s. 278-283. - ISSN 0142-2421  
*Registrované v:* wos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
 IF (JCR) 2017=1,263  
*Kvartil Q:*  
 wos-jcr -- Q4 [chemistry, physical] -- 2017

ADC33 Lorencová, Lenka (20%) - Bertók, Tomáš (10%) - Filip, Jaroslav (10%) - Jerigová, Monika [UKOPRCFZ] (10%) - Velič, Dušan [UKOPRCFZ] (10%) - Kasak, Peter (10%) - Mahmoud, Khaled A. (10%) - Tkač, Jan (20%): Highly stable Ti<sub>3</sub>C<sub>2</sub>Tx (MXene)/Pt nanoparticles-modified glassy carbon electrode for H<sub>2</sub>O<sub>2</sub> and small molecules sensing applications

Lit.: 33 zázn.

In: Sensors and Actuators B: Chemical. - Roč. 263 (2018), s. 360-368. - ISSN (print) 0925-4005

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2018=6.393

Kvartil Q:

wos-jcr -- Q1 [Chemistry, analytical] -- 2018

wos-jcr -- Q1 [Electrochemistry] -- 2018

wos-jcr -- Q1 [Instruments & instrumentation] -- 2018

Ohlasy (24):

[o1] 2018 Sinha, A. - Dhanjaib - Zhao, H. - Huang, Y. - Lu, X. - Chen, J. - Jain, R.: TrAC - Trends in Analytical Chemistry, Vol. 105, August, 2018, s. 424-435 - SCI ; SCOPUS

[o1] 2019 Zhang, H. - Wang, Z. - Zhang, Q. - Wang, F. - Liu, Y.: Biosensors and Bioelectronics, Vol. 124-125, Januar, 2019 pp. 184-190 - SCI ; SCOPUS

[o1] 2019 Lakhe, P. - Prehn, E.M. - Habib, T. - Lutkenhaus, J.L. - Radovic, M. - Mannan, M.S. - Green, M.J.: Industrial and Engineering Chemistry Research, Vol. 58, No. 4, 2019, s. 1570-1579 - SCI ; SCOPUS

[o1] 2019 Gao, Y. - Zhuo, H. - Cao, Y. - Sun, X. - Zhuang, G. - Deng, S. - Zhong, X. - Wei, Z. - Wang, J.: Cuihua Xuebao/Chinese Journal of Catalysis, Vol. 40, No. 2, 2019, s. 152-159 - SCI ; SCOPUS

[o1] 2019 Wang, J. - Liu, Y. - Yang, G.: Materials Research Express, Vol. 6, No. 2, 2019, Art. No. 025056 - SCI ; SCOPUS

[o1] 2019 Riaz, M.A. - Zhai, S. - Wei, L. - Zhou, Z. - Yuan, Z. - Wang, Y. - Huang, Q. - Liao, X. - Chen, Y.: Sensors and Actuators, B: Chemical, Vol. 283, March, 2019, s. 304-311 - SCI ; SCOPUS

[o1] 2019 Yang, J. - Bao, W. - Jaumaux, P. - Zhang, S. - Wang, C. - Wang, G.: Advanced Materials Interfaces, Vol. 6, No. 8, 2019, Art. No. 1802004 - SCI ; SCOPUS

[o1] 2019 Liu, Y. - Li, H. - Gong, S. - Chen, Y. - Xie, R. - Wu, Q. - Tao, J. - Meng, F. - Zhao, P.: Analytical Methods, Vol. 290, July, 2019, s. 249-257 - SCI ; SCOPUS

[o1] 2019 Kalambate, P.K. - Zote, S.W. - Shen, Y. - Navale, D.N. - Kulal, D.K. - Wu, J.Y. - Ranade, P.B. - Pothu, R. - Boddula, R. - Huang, Y.H.: MXene and its Sensing Applications. In: MXenes: Fundamentals and Applications. Millersville :Materials Research Forum, 2019, S. 204-215 - BKCI-S

[o1] 2019 Zhang, H. - Wang, Z. - Zhang, Q. - Wang, F. - Liu, Y.: Biosensors and Bioelectronics, Vol. 124-125, January, 2019, s. 184-190 - SCI

[o1] 2019 Lakhe, P. - Prehn, E.M. - Habib, T. - Lutkenhaus, J.L. - Radovic, M. - Mannan, M.S. - Green, M.J.: Industrial & Engineering Chemistry Research, Vol. 58, No. 4, 2019, s. 1570-1579 - SCI

[o1] 2019 Wang, J.X. - Liu, Y. - Yang, G.W.: Materials Research Express, Vol. 6, No. 2, 2019, Art. No. 025056 - SCI

[o1] 2019 Sun, X. - Gao, Y.J. - Zhao, C.X. - Deng, S.W. - Zhong, X. - Zhuang, G.L. - Wei, Z.Z. - Wang, J.G.: Theory and Simulations, Vol. 2, No. 2, 2019, Art. No. 1800158 - SCI

[o1] 2019 Gao, Y.J. - Zhuo, H. - Cao, Y.Y. - Sun, X. - Zhuang, G.L. - Deng, S.W. - Zhong, X. - Wei, Z.Z. - Wang, J.G.: Chinese Journal of Catalysis, Vol. 40, No. 2, 2019, s. 152-159 - SCI

[o1] 2019 Yang, J. - Bao, W.Z. - Jaumaux, P. - Zhang, S.T. - Wang, C.Y. - Wang, G.X.: Advanced Materials Interfaces, Vol. 6, No. 8, 2019, Art. No. 1802004 - SCI

[o1] 2019 Riaz, M.A. - Zhai, S.L. - Wei, L. - Zhou, Z. - Yuan, Z.W. - Wang, Y.Q. - Huang, Q.W. - Liao, X.Z. - Chen, Y.: Sensors and Actuators B-Chemical, Vol. 283, 2019, s. 304-311 - SCI

[o1] 2019 Liu, Y.Y. - Li, H.M. - Gong, S.P. - Chen, Y.N. - Xie, R.R. - Wu, Q.Q. - Tao, J. - Meng, F.L. - Zhao, P.: Sensors and Actuators B-Chemical, Vol. 290, 2019, s. 249-257 - SCI

[o1] 2019 Bolotsky, A. - Butler, D. - Dong, C.Y. - Gerace, K. - Glayin, N.R. - Muratore, C. - Robinson, J.A. - Ebrahimi, A.: ACS Nano, Vol. 13, No. 9, 2019, s. 9781-9810 - SCI

[o1] 2019 Ramachandran, R. - Zhao, C.H. - Rajkumar, M. - Rajavel, K. - Zhu, P.L. - Xuan, W.L. - Xu, Z.X. - Wang, F.: Electrochimica Acta, Vol. 322, 2019, Art. No. UNSP 134771 - SCI

[o1] 2019 Kalambate, P.K. - Gadhari, N.S. - Li, X. - Rao, Z.X. - Navale, S.T. - Shen, Y. - Patil, V.R. - Huang, Y.H.: TRAC-Trends In Analytical Chemistry, Vol. 120, 2019, Art. No. 115643 - SCI

[o1] 2019 Wu, Q. - Li, N.B. - Wang, Y. - Liu, Y. - Xu, Y.C. - Wei, S.T. - Wu, J.D. - Jia, G.R. - Fang, X.D. - Chen, F.F. - Cui, X.Q.: Biosensors & Bioelectronics, Vol. 144, 2019, Art. No. UNSP 111697 - SCI

[o1] 2019 Huang, R.M. - Chen, S.S. - Yu, J.G. - Jiang, X.Y.: Ecotoxicology and Environmental Safety, Vol. 184, 2019, Art. No. UNSP 109619 - SCI

[o1] 2019 Yu, T. - Breslin, C.B.: Journal of the Electrochemical Society, Vol. 167, No. 3, 2019, Art. No. 037514 - SCI

[o1] 2019 Yu, T. - Breslin, C.B.: Journal of the Electrochemical Society, Vol. 167, No. 1, 2019, Art. No. 037514 - SCI

ADC34 Gajdošová, Veronika [UKOPRBMB] (20%) - Lorencová, Lenka (20%) - Procházka, Michal (7%) - Omastová, Mária (7%) - Mičušík, Matej (7%) - Procházková, Simona (6%) - Květoň, Filip (6%) - Jerigová, Monika [UKOPRCFZ] (6%) - Velič, Dušan [UKOPRCFZ] (6%) - Kasak, Peter (5%) - Tkač, Jan (10%): Remarkable differences in the voltammetric response towards hydrogen peroxide, oxygen and Ru(NH<sub>3</sub>)(6)(3+) of electrode interfaces modified with HF or LiF-HCl etched Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> MXene

Lit.: 31 záz.

In: Microchimica Acta. - Roč. 187, č. 1 (2020), s. [1-8], art. no. 52. - ISSN (print) 0026-3672

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2019=6,232

Kvartil Q:

wos-jcr -- Q1 [Chemistry, analytical] -- 2019

ADC35 Jerigová, Monika [UKOPRCFZ] (34%) - Lorenc, Dušan [UKOPRCFZ] (33%) - Velič, Dušan [UKOPRCFZ] (33%): Two-color symmetry breaking in laser-based secondary neutral mass spectrometry

Lit.: 32 záz.

In: Rapid Communications in Mass Spectrometry. - Roč. 34, č. 17 (2020), s. [1-7], art. no. E8828. - ISSN (print) 0951-4198

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2019=2,200

Kvartil Q:

wos-jcr -- Q2 [Chemistry, analytical] -- 2019

ADC36 Kopáni, Martin [KAUT] [UKOLFULFB] (7.696%) - Mikula, Milan (7.692%) - Kosnáč, Daniel [UKOLFULFB] (7.692%) - Kováč, Jaroslav, ml. (7.692%) - Trnka, Michal [UKOLFULFB] (7.692%) - Greguš, Ján [UKOMAKIS] (7.692%) - Jerigová, Monika [UKOPRCFZ] (7.692%) - Jergel, Matej (7.692%) - Vavrinský, Erik (7.692%) - Bačová, Silvia (7.692%) - Zitto, Peter (7.692%) - Polák, Štefan [UKOLFUHE] (7.692%) - Pinčík, Emil (7.692%): Effect of etching time in hydrofluoric acid on the structure and morphology of n-type porous silicon

Lit.: 50 záz.

In: Applied Surface Science. - č. 532 (2020), s. [1-7], art. no. 147463. - ISSN (print) 0169-4332

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2019=6,182

Kvartil Q:

wos-jcr -- Q1 [Physics, applied] -- 2019

ADC37 Lorencová, Lenka (25%) - Gajdošová, Veronika [UKOPRBMB] (15%) - Hrončeková, Štefánia (5%) - Bertok, Tomáš (10%) - Jerigová, Monika [UKOPRCFZ] (5%) - Velič, Dušan [UKOPRCFZ] (5%) - Sobolciak, Patrik (5%) - Krupa, Igor (5%) - Kasak, Peter (10%) - Tkač, Jan (15%): Electrochemical Investigation of Interfacial Properties of Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> MXene Modified by Aryldiazonium Betaine Derivatives

Lit.: 40 záz.

In: Frontiers in Chemistry. - Roč. 8 (2020), s. [1-10], Art. No. 553. - ISSN (print) 2296-2646

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2019=3,693

Kvartil Q:

wos-jcr -- Q2 [Chemistry, multidisciplinary] -- 2019

ADC38 Nováková, Justína [UKOPRCFZ] (80%) - Jerigová, Monika [UKOPRCFZ] (5%) - Jané, Eduard (5%) - Szoecs, Vojtech (5%) - Velič, Dušan [UKOPRCFZ] (5%): Secondary Ion Mass Spectrometry as an advanced tool for meteorite classification

Lit.: 7 záz.

In: Planetary and Space Science. - Roč. 192 (2020), s. [1-5], art. no. 105012. - ISSN (print) 0032-0633

*Indikátor časopisu:*

IF (JCR) 2019=1,782

*Kvartil Q:*

wos-jcr -- Q3 [Astronomy & astrophysics] -- 2019

#### **ADD Vedecké práce v domácích karentovaných časopisoch**

ADD01 Otrubová, Oľga [UKOLFKPLT] (30%) - Jerigová, Monika [UKOPRCFZ] (30%) - Halászová, Soňa (10%) - Turecký, Ladislav [UKOLFULCH] (5%) - Muchová, Jana [KAUT] [UKOLFULCH] (20%) - Velič, Dušan [UKOPRCFZ] (5%): Rat liver intoxication with CCl<sub>4</sub>:biochemistry, histology, and mass spectrometry  
Oľga Otrubová and Monika Jerigová - equal contribution

Lit.: 32 záz.

In: General Physiology and Biophysics. - Roč. 37, č. 5 (2018), s. 527-535. - ISSN (online) 1338-4325

*Registrované v:* wos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2018=1,309

*Kvartil Q:*

wos-jcr -- Q4 [Biochemistry & molecular biology] -- 2018

*Ohlasy (1):*

[o1] 2020 Alrashood, S.T. - Al-Asmari, A.K. - Alotaibi, A.K. - Manthiri, R.A. - Rafatullah, S. - Hasanato, R.M. - Khan, H.A. - Ibrahim, K.E. - Wali, A.F.: Saudi Journal of Biological Science, vol. 27, no. 9, 2020, s. 2373-2379 - SCOPUS

#### **ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

ADM01 Květoň, Filip (20%) - Blšáková, Anna (10%) - Lorencová, Lenka (10%) - Jerigová, Monika [UKOPRCFZ] (10%) - Velič, Dušan [UKOPRCFZ] (10%) - Blixt, Ola (10%) - Jansson, Bo (10%) - Kasak, Peter (10%) - Tkáč, Ján (10%): A graphene-based glycan biosensor for electrochemical label-free detection of a tumor-associated antibody  
Lit.: 44 záz.

In: Sensors. - Roč. 19, č. 24 (2019), s. [1-13], Art. No. 5409. - ISSN (online) 1424-8220

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2019=3,275

*Kvartil Q:*

wos-jcr -- Q1 [Instruments & instrumentation] -- 2019

ADM02 Pavlinská, Zuzana (20%) - Chorvát, D. (15%) - Mateašik, Anton (15%) - Jerigová, Monika [UKOPRCFZ] (10%) - Velič, Dušan [UKOPRCFZ] (10%) - Ivošević deNardis, Nadica (5%) - Marček Chorvátová, Alžbeta (25%): Fluorescence responsiveness of unicellular marine algae *Dunaliella* to stressors under laboratory conditions  
[elektronický dokument]

KBIF 034

Lit.: 37 záz.

In: Journal of Biotechnology: X [elektronický dokument]. - Roč. 6 (2020), s. [1-10], art. no. 100018 [online]. - ISSN (online) 2590-1559

URL: <https://doi.org/10.1016/j.btex.2020.100018>

*Registrované v:* scopus

ADM03 Teplický, Tibor [UKOLFULFB] (25%) - Kalafutová, Adriana (25%) - Jerigová, Monika [UKOPRCFZ] (25%) - Čunderlíková, Beata [KAUT] [UKOLFULFB] (25%): Modulation of aminolevulinic acid-based photoinactivation efficacy by iron in vitro is cell typedependent  
Lit.: 32 zázn.  
In: Journal of Photochemistry and Photobiology B: Biology. - Roč. 213 (2020), s. [1-10], Art. No. 112048. - ISSN (print) 1011-1344  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2019=4,383  
*Kvartil Q:*  
wos-jcr -- Q1 [Biophysics] -- 2019

### **BCI Skriptá a učebné texty**

BCI01 Jerigová, Monika [UKOPRCFZ] (67% [4,02 AH]) - Benko, Ján (33%) : Pokročilé cvičenie z fyzikálnej chémie 2 [elektronický dokument]. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2021. - 129 s. [6 AH] [CD-ROM]  
ISBN 978-80-223-5085-3

### **Štatistika kategórií (Záznamov spolu: 141):**

ADC Vedecké práce v zahraničných karentovaných časopisoch (38)  
ADD Vedecké práce v domácich karentovaných časopisoch (1)  
ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (3)  
AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (1)  
AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (1)  
AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch (11)  
AFA Publikované pozvané príspevky na zahraničných vedeckých konferenciách (2)  
AFC Publikované príspevky na zahraničných vedeckých konferenciách (4)  
AFD Publikované príspevky na domácich vedeckých konferenciách (11)  
AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (34)  
AFH Abstrakty príspevkov z domácich vedeckých konferencií (19)  
AFK Postery zo zahraničných konferencií (3)  
AFL Postery z domácich konferencií (9)  
BCI Skriptá a učebné texty (1)  
BFB Abstrakty odborných prác z domácich podujatí (konferencie, ...) (2)  
GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup (1)  
GII Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií (1)

### **Štatistika ohlasov (194):**

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (194)