

## Zoznam publikačnej činnosti

RNDr. Peter Matúš, PhD.

### ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách

- ABA01 Matúš, Peter 99% [3,01AH] - Kubová, Jana 1% [0,02AH] : Recent developments in the determination, fractionation and speciation analysis of aluminium by spectrochemical analytical methods and computer modelling  
Lit.: 198 záz. n.  
In: Soil Contamination: New Research. - New York : Nova Science Publishers, 2008. - S. 43-72 [3,03 AH]. - ISBN 978-1-60456-144-9  
*Ohlasy (1):*  
[o1] 2010 Tejada, M. - Gomez, I. - Hernandez, T. - Garcia, C.: Ecotoxicology and Environmental Safety, Vol. 73, No. 8, 2010, s. 1944-1949 - SCI
- ABA02 Kališ, Milan 90% [3,15 AH] - Matúš, Peter 10% [0,35 AH] : Štúdium chemických foriem a distribúcie tália  
Lit.: 98 záz. n.  
In: Kapitoly z environmentálnej geochemie 1 [elektronický zdroj]. - Ostrava : VŠB-Technická univerzita, 2011. - S. 427-494 [3,5 AH] [CD-ROM]. - ISBN 978-80-248-2528-1  
URL: <https://stella.uniba.sk/epc/PR/2011/vtIs000253253.pdf>  
Bujdoš, Marek [rec.]  
Kubová, Jana [rec.]
- ABA03 Hagarová, Ingrid 34% [1,06 AH] - Bujdoš, Marek 33% [1,03 AH] - Matúš, Peter 33% [1,03 AH] : The Use of Titanium Dioxide for Separation/ Preconcentration of Aluminium, Antimony and Platinum Species in Synthetic and Natural Waters before their Determination by Atomic Spectrometry Methods  
Lit.: 91 záz. n., 25 obr., 23 tab.  
In: Titanium Dioxide: Applications, Synthesis and Toxicity. - New York : Nova Science Publishing, 2013. - S. 167-209 [3,12 AH]. - ISBN 978-1-62417-024-9  
URL: <https://stella.uniba.sk/epc/PR/2013/vtIs000270572.pdf>  
POZNÁMKA: vyšlo aj v elektronickej verzii  
[https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=37706](https://www.novapublishers.com/catalog/product_info.php?products_id=37706) - ISBN 978-1-62417-027-0  
Anonymné recenzné konanie zo strany vydavateľa [rec.]

### ABB Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v domácich vydavateľstvách

- ABB01 Matúš, Peter 78% [3,6 AH] - Bujdoš, Marek 22% [1 AH] : Špeciácia, špeciálna analýza a frakcionácia hliníka  
Lit.: 186 záz. n.  
In: Špeciácia, špeciálna analýza a frakcionácia chemických prvkov v životnom prostredí. - Bratislava : Univerzita Komenského, 2008. - S. 155-203 [4,6 AH]. - ISBN 978-80-223-2540-0  
Matherny, Mikuláš [rec.]  
Plško, Eduard [rec.]  
Mackových, Daniela [rec.]

### ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách

- ABD01 Matúš, Peter 30% [0,33 AH] - Hagarová, Ingrid 30% [0,33 AH] - Bujdoš, Marek 40% [0,44 AH] : Prehľad chemických metód laboratórneho výskumu

In: Aktuálne problémy geológie. Inovácia odbornopredmetových kompetencií. - Bratislava : Iris, 2008. - S. 239-250 [1,1AH]. - ISBN 978-80-89238-21-7

Matejka, Dobroslav [rec.]

Bizubová, Mária [rec.]

### ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Dlapa, Pavel - Kubová, Jana - Matúš, Peter - Streško, Vladimír : Chemical and physical aluminium speciation in soil solutions

Lit.: 5 záz.

In: Fresenius Environmental Bulletin. - Vol. 11, No. 9B (2002), s. 626-630

IF (JCR) 2002=0,309 [2012-0,641]

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ADC02 Matúš, Peter - Kubová, Jana : Špeciácia hliníka vo vodách a pôdnych roztokoch, [Speciation of Aluminium in Waters and Soil Solutions]

Lit.: 120 záz.

In: Chemické listy. - Vol. 96, No. 4 (2002), s. 174-181

IF (JCR) 2002=0,336 [2012-0,453]

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[o1] 2010 Vojteková, V. - Majchrák, A. - Mackových, D. - Blašková, J.: Chemické listy, Vol. 104, No. 11, 2010, s. 1047-1052 - SCOPUS

[o1] 2010 Tejada, M. - Gomez, I. - Hernandez, T. - Garcia, C.: Ecotoxicology and Environmental Safety, Vol. 73, No. 8, 2010, s. 1944-1949 - SCOPUS

ADC03 Kubová, Jana - Streško, Vladimír - Bujdoš, Marek - Matúš, Peter - Medved', Ján : Fractionation of various elements in CRMs and its polluted soils

In: Analytical and Bioanalytical Chemistry. - Vol. 379, No. 1 (2004), s. 108-114

IF (JCR) 2004=2,098 [2012-3,659]

[Spectroscopicum International Colloquium. 33rd, Granada, 7.-12.9.2003]

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[o1] 2008 Bacon, J.R. - Davidson, C.M.: Analyst, Vol. 133, No. 1, 2008, s. 25-46 - SCI

[o1] 2008 Rao, C.R.M. - Sahuquillo, A. - Sanchez, J.F.L.: Water Air and Soil Pollution, Vol. 189, No. 1-4, 2008, s. 291-333 - SCI

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[o1] 2008 Fedotov, P.S. - Spivakov, B.Y.: Static and dynamic methods of fractionation of forms of the elements in soils, silts and bottom sediments. In: Uspekhi Khimii, Vol. 77, No. 7, 2008, s. 690-703 - SCI

[o1] 2008 Rubio, R. - Lopez-Sanchez, J.F.: Assessment of inorganic priority pollutants in contaminated soils: Harmonization of analytical protocols for heavy metal extraction: Analytical speciation. In: Soil Chemical

Pollution, RiskAssessment, Remediation and Security. Book Series: NATO Science for Peace and Security Series C - Environmental Security. Dordrecht : Springer, 2008, S. 95-116 - BKCI-S

[o1] 2008 Fedotov, P.S. - Spivakov, B.Y.: Fractionation of elements in soils, sludges and sediments: Batch and dynamic methods. In: Russian Chemical Reviews, Vol. 77, No. 7, 2008, s. 649-660 - SCOPUS

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ADC04 Matúš, Peter - Kubová, Jana - Bujdoš, Marek - Streško, Vladimír - Medved', Ján : Chemical partitioning of aluminium in rocks, soils, and sediments acidified by mining activity

In: Analytical and Bioanalytical Chemistry. - Vol. 379, No. 1 (2004), s. 96-103

IF (JCR) 2004=2,098 [2012-3,659]

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ADC05 Medved', Ján - Bujdoš, Marek - Matúš, Peter - Kubová, Jana : Determination of trace amounts of gold in acid-attacked environmental samples by atomic absorption spectrometry with electrothermal atomization after preconcentration

In: Analytical and Bioanalytical Chemistry. - Vol. 379, No. 1 (2004), s. 60-65

IF (JCR) 2004=2,098 [2012-3,659]

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ADC06 Kubová, Jana - Matúš, Peter - Bujdoš, Marek - Medved', Ján : Influence of acid mining activity on release of aluminium to the environment

In: Analytica Chimica Acta. - Vol. 547, No. 1 (2005), s. 119-125

IF (JCR) 2005=2,760 [2012-4,387]

[Aegean Analytical Chemistry Days Congress. 4th, Kusadasi, 3.9.-3.10.2004]

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ADC07 Matúš, Peter - Kubová, Jana - Bujdoš, Marek - Medveď, Ján : Determination of operationally defined fractions of aluminium in reference materials and acid attacked environmental samples

Lit.: 44 záz. n.

In: Analytica Chimica Acta. - Vol. 540, No. 1 (2005), s. 33-43

IF (JCR) 2005=2,760 [2012-4,387]

[International Symposium Analytical Forum 2004, Warsaw, 4.-8.7.2004]

POZNÁMKA: Vyšlo aj ako abstrakt - Analytical Forum 2004. - Warsaw : BEL Studio Sp., 2004. - S.

WE16/P/28. - ISBN 83-88442-84-8

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In: Journal of Inorganic Biochemistry. - Vol. 99, No. 9 (2005), s. 1769-1778

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Lit.: 65 zázn.

In: Analytica Chimica Acta. - Vol. 573, July, Spec. Iss. (2006), s. 474-481

IF (JCR) 2006=2,894 [2012-4,387]

[International Conference on Instrumental Methods of Analysis. 4th, Iraklion. 2.-6.10.2005]

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Lit.: 65 zázn.

In: Talanta. - Vol. 70, No. 5 (2006), s. 996-1005

IF (JCR) 2006=2,810 [2012-3,498]

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ADC11 Kališ, Milan 40% - Matúš, Peter 30% - Bujdoš, Marek 20% - Medveď, Ján 10% : Frakcionácia, špeciálna analýza a stanovenie tália v environmentálnych vzorkách, [Fractionation, speciation analysis and determination of thallium in environmental samples]

Lit.: 86 zázň.

In: *Chemické listy*. - Vol. 101, No. 10 (2007), s. 782-789

IF (JCR) 2007=0,683 [2012-0,453]

ADC12 Matúš, Peter : Evaluation of separation and determination of phytoavailable and phytotoxic aluminium species fractions in soil, sediment and water samples by five different methods

In: *Journal of Inorganic Biochemistry*. - Vol. 101, No. 9 (2007), s. 1214-1223

IF (JCR) 2007=3,663 [2012-3,197]

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ADC13 Hagarová, Ingrid 40% - Kubová, Jana 20% - Matúš, Peter 20% - Bujdoš, Marek 20%: Speciation of inorganic antimony in natural waters by electrothermal atomic absorption spectrometry after selective separation and preconcentration of antimony (III) with cloud point extraction

Lit.: 28 zázn.

In: Acta Chimica Slovenica. - Vol. 55, No. 3 (2008), s. 528-534

IF (JCR) 2008=0,909 [2012-1,135]

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ADC14 Kubová, Jana 30% - Matúš, Peter 30% - Bujdoš, Marek 20% - Hagarová, Ingrid 10% - Medved', Ján 10% : Utilization of optimized BCR three-step sequential and dilute HCl single extraction procedures for soil-plant metal transfer predictions in contaminated lands

Lit.: 63 zázn.

In: Talanta. - Vol. 75, No. 4 (2008), s. 1110-1122

IF (JCR) 2008=3,206 [2012-3,498]

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- [o1] 2013 Baraud, F. - Leleyter, L.: Use of herbicide (Roundup®): Potential influence on soil metals lability and on radish metal uptake. In: Legumes: Types, Nutritional Composition and Health Benefits. Hauppauge : Nova Science Publishers, 2013. S. 241-256 - SCOPUS

ADC15 Diviš, Pavel - Szkandera, Roman - Brulík, Lukáš - Dočekalová, Hana - Matúš, Peter 10% - Bujdoš, Marek 10% : Application of New Resin Gels for Measuring Mercury by Diffusive Gradients in a Thin-films Technique  
Lit.: 18 záz.

In: Analytical Sciences. - Vol. 25, No. 4 (2009), s. 575-578

IF (JCR) 2009= 1,526 [2012-1,569]

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[o1] 2011 Fernandez-Gomez, C. - Dimock, B. - Hintelmann, H. - Diez, S.: Chemosphere, Vol. 85, Iss. 9, 2011, s. 1452-1457 - SCI

[o1] 2012 Mengistu, H. - Roeyset, O. - Tessema, A. - Abiye, T.A. - Demlie, M.B.: Water SA, Vol. 38, No. 1, 2012, s. 15-22 - SCI ; SCOPUS

[o1] 2012 Pescim, G.F. - Marrach, G. - Vannuci-Silva, M. - Souza, L.A. - Menegário, A.A.: Analytical and Bioanalytical Chemistry, Vol. 404, No. 5, 2012, s. 1581-1588 - SCI ; SCOPUS

[o1] 2012 Colaco, C.D. - Yabuki, L.N.M. - Alcantara, A.L. - Menegário, A.A.: Quimica Nova, Vol. 35, No. 7, 2012, s. 1360-1364 - SCI ; SCOPUS

[o1] 2012 Fernández-Gómez, C. - Bayona, J.M. - Díez, S.: International Journal of Environmental Analytical Chemistry, Vol. 92, No. 15, 2012, s. 1689-1698 - SCI ; SCOPUS

[o1] 2013 Gericke, M. - Trygg, J. - Fardim, P.: Chemical Reviews, Vol. 113, No. 7, 2013, s. 4812-4836 - SCOPUS

[o1] 2013 Hsu-Kim, H. - Kucharzyk, K.H. - Zhang, T. - Deshusses, M.A.: Environmental Science and Technology, Vol. 47, No. 6, 2013, s. 2441-2456 - SCOPUS

ADC16 Matúš, Peter 30% - Hagarová, Ingrid 30% - Bujdoš, Marek 20% - Kubová, Jana 10% - Diviš, Pavel 10% : Determination of trace amounts of total dissolved cationic aluminium species in environmental samples by solid phase extraction using manometer-sized titanium dioxide and atomic spectrometry techniques  
Lit. 36 záz., 7 obr., 9 tab.

In: Journal of Inorganic Biochemistry. - Vol. 103, No. 11, Spec. Iss. (2009), s. 1473-1479

IF (JCR) 2009=3,252 [2012-3,197]

*Ohlasy (12):*

[o1] 2010 Tejada, M. - Gomez, I. - Hernandez, T. - Garcia, C.: Ecotoxicology and Environmental Safety, Vol. 73, No. 8, 2010, s. 1944-1949 - SCI

[o1] 2010 Qian, S. H. - Huang, Z. - Fu, J. Q. - Kuang, J. - Hu, C. Z.: Analytical Methods, Vol. 2, No. 8, 2010, s. 1140-1143 - SCI

[o1] 2010 Huang, Y. R. - Zhou, Q. X. - Xiao, J. P. - Xie, G. H.: Journal of Separation Science, Vol. 33, No. 14, 2010, s. 2184-2190 - SCI

[o1] 2011 Liu, X.-Y. - Yang, L.-J. - Jin, Y.-L. - Zhang, L. - Xu, T.-C. - Li, N.: Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals, Vol. 21, No. 11, 2011, s. 2971-2977 - SCOPUS

[o1] 2011 Fathi, M.R. - Pourreza, N. - Ardan, Z.: Quimica Nova, Vol. 34, No. 3, 2011, s. 404-407 - SCI

[o1] 2012 Panther, J.G. - Bennett, W.W. - Teasdale, P.R. - Welsh, D.T. - Zhao, H.: Environmental Science and Technology, Vol. 46, No. 4, 2012, s. 2267-2275 - SCI ; SCOPUS

[o1] 2012 Demarchi, C.A. - Debrassi, A. - Rodrigues, C.A.: Coloration Technology, Vol. 128, No. 3, 2012, s. 208-217 - SCI ; SCOPUS

[o1] 2012 Yalnkaya, Ö. - Erdogan, H. - Ciftci, H. - Türker, A.R.: Spectroscopy Letters, Vol. 45, No. 5, 2012, s. 344-351 - SCI ; SCOPUS

[o1] 2012 Jiang, X. - Huang, K. - Deng, D. - Xia, H. - Hou, X. - Zheng, C.: TrAC - Trends in Analytical Chemistry, Vol. 39, Spec. Iss., 2012, s. 38-59 - SCI ; SCOPUS

- [o1] 2013 Kilinc, E. - Dändarb, A. - Özdemir, S. - Okumusc, V.: Atomic Spectroscopy, Vol. 34, No. 3, 2013, s. 78-88 - SCOPUS
- [o1] 2013 Shakerian, F. - Dadfarnia, S. - Shabani, A.M.H.: Journal of the Iranian Chemical Society, Vol. 10, No. 4, 2013, s. 669-676 - SCOPUS
- [o1] 2013 Frankowski, M. - Ziola-Frankowska, A. - Siepak, J.: Journal of Environmental Management, Vol. 127, September, 2013, s. 1-9 - SCOPUS

- ADC17 Čanecká, Lucia 40% - Bujdoš, Marek 40% - Matúš, Peter 10% - Hagarová, Ingrid 10% : Kinetic sorption study of arsenic, antimony and phosphorus onto synthetic iron oxides  
Lit.: 13 záz. n.  
In: Fresenius Environmental Bulletin. - Vol. 20, No. 12A (2011), s. 3401-3404  
IF (JCR) 2011=0,660 [2012-0,641]
- ADC18 Fargašová, Agáta 40% - Šmelková, Monika 30% - Matúš, Peter 30% : Sinapis alba Reactions on the Stress Induced by Chromium and Nickel  
Lit.: 47 záz. n., 3 obr., 2 tab.  
In: Fresenius Environmental Bulletin. - Vol. 20, No. 12A (2011), s. 3374-3380  
IF (JCR) 2011=0,660 [2012-0,641]
- ADC19 Hagarová, Ingrid 35% - Bujdoš, Marek 20% - Čanecká, Lucia 10% - Matúš, Peter 35% : Reliability of arsenic speciation analysis in four reaction media by hydride generation atomic absorption spectrometry  
Lit.: 15 záz. n.  
In: Fresenius Environmental Bulletin. - Vol. 20, No. 11 (2011), s. 2927-2931  
IF (JCR) 2011=0,660 [2012-0,641]
- ADC20 Hagarová, Ingrid 70% - Kubová, Jana 10% - Bujdoš, Marek 10% - Matúš, Peter 10% : Stanovenie platiny v krvnom sére onkologických pacientov metódou atómovej absorpčnej spektrometrie s elektrotermickou atomizáciou  
In: Chemické listy. - Vol. 105, No. 10 (2011), s. 773-777  
IF (JCR) 2011=0,529 [2012-0,453]
- ADC21 Hagarová, Ingrid 70% - Bujdoš, Marek 15% - Matúš, Peter 15% : Evaluation of electrothermal atomic absorption spectrometry for trace determination of antimony in different environmental samples using chemical modification  
Lit.: 18 záz. n.  
In: Fresenius Environmental Bulletin. - Vol. 20, No. 10A (2011), s. 2710-2715  
IF (JCR) 2011=0,660 [2012-0,641]
- ADC22 Kolenčík, Marek 55% - Urík, Martin 15% - Gardošová, Katarína 5% - Littera, Pavol 10% - Matúš, Peter 15% : Chemické a mikrobiálne lúhovanie zinku a arzenu z adamitu, [Biological and chemical leaching of arsenic and zinc from adamite]  
Lit.: 31 záz. n.  
In: Chemické listy. - Vol. 105, No. 12 (2011), s. 961-965  
IF (JCR) 2011=0,529 [2012-0,453]
- ADC23 Kořenková, Lucia 90% - Matúš, Peter 5% - Urík, Martin 5% : Effects of laboratory heating on water repellent forest soils of the White Carpathian Mts. and Myjavská pahorkatina upland  
Lit.: 37 záz. n.  
In: Fresenius Environmental Bulletin. - Vol. 20, No. 12A (2011), s. 3394-3400  
IF (JCR) 2011=0,660 [2012-0,641]  
*Ohlasy (1):*

[o1] 2013 Czachor, H. - Lichner, L.: Journal of Hydrology and Hydromechanics, Vol. 61, No. 1, 2013, s. 84-87 - SCOPUS

ADC24 Bujdoš, Marek 60% - Hagarová, Ingrid 10% - Matúš, Peter 10% - Čanecká, Lucia 10% - Kubová, Jana 10% : Optimization of Determination of Platinum Group Elements in Airborne Particulate Matter by Inductively Coupled Plasma Mass Spectrometry

Lit.: 12 zázň., 2 obr., 5 tab.

In: Acta Chimica Slovenica. - Vol. 59, No. 1 (2012), s. 124-128

IF (JCR) 2012=1,135

*Ohlasy (1):*

[o2] 2013 Jandacka, D.: Komunikácie, roč. 15, č. 3, 2013, s. 96-101 - SCOPUS

ADC25 Hagarová, Ingrid 60% - Bujdoš, Marek 15% - Matúš, Peter 15% - Čanecká, Lucia 10% : Využitie dvoch extrakčných postupov v spojení s elektrotermickou atómovou absorpčnou spektrometriou pri špeciách anorganického antimónu v prírodných vodách, [The Use of Two Extraction Procedures in Combination with Electrothermal AAS for Speciation of Inorganic Antimony in Natural Waters]

Lit.: 18 zázň., 8 tab.

In: Chemické listy. - Vol. 106, No. 2 (2012), s. 136-142

IF (JCR) 2012=0,453

*Ohlasy (3):*

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[o1] 2013 Clough, R. - Harrington, C.F. - Hill, S.J. - Madrid, Y. - Tyson, J.F.: Journal of Analytical Atomic Spectrometry, Vol. 28, No. 8, 2013, s. 1153-1195 - SCI ; SCOPUS

[o1] 2014 Ferreira, S.L.C. - dos Santos, W.N.L. - dos Santos, I.F. - Junior, M.M.S. - Silva, L.O.B. - Barbosa, U.A. - de Santana, F.A. - Queiroz, A.F.D.S.: Microchemical Journal, Vol. 114, May, 2014, s. 22-31 - SCOPUS

ADC26 Hagarová, Ingrid 55% - Matúš, Peter 15% - Bujdoš, Marek 15% - Kubová, Jana 15% : Analytical Application of Nano-Sized Titanium Dioxide for the Determination of Trace Inorganic Antimony in Natural Waters

Lit.: 43 zázň.

In: Acta Chimica Slovenica. - Vol. 59, No. 1 (2012), s. 102-108

IF (JCR) 2012=1,135

*Ohlasy (1):*

[o1] 2013 Clough, R. - Harrington, C.F. - Hill, S.J. - Madrid, Y. - Tyson, J.F.: Journal of Analytical Atomic Spectrometry, Vol. 28, No. 8, 2013, s. 1153-1195 - SCI ; SCOPUS

ADC27 Hagarová, Ingrid 30% - Bujdoš, Marek 30% - Kubová, Jana 10% - Matúš, Peter 30% : Direct spectrochemical determination of carboplatin species in human blood serum after their chemotherapy application for pharmacokinetic study

Lit.: 28 zázň., 5 obr., 2 tab.

In: Fresenius Environmental Bulletin. - Vol. 21, No. 2 (2012), s. 343-350

IF (JCR) 2012=0,641

ADC28 Hagarová, Ingrid 60% - Bujdoš, Marek 20% - Matúš, Peter 20% : Platinum removal from aqueous solutions by sorption onto titanium dioxide

Lit.: 16 zázň., 9 obr., 7 tab.

In: Fresenius Environmental Bulletin. - Vol. 21, No. 11C (2012), s. 3568-3574

IF (JCR) 2012=0,641

ADC29 Littera, Pavol 17% - Urik, Martin 17% - Gardošová, Katarína 17% - Kolenčík, Marek 17% - Matúš, Peter 16% - Kořenková, Lucia 16% : Accumulation of antimony(III) by *Aspergillus niger* and its influence on fungal growth

Lit.: 20 zázň., 3 obr.

In: Fresenius Environmental Bulletin. - Vol. 21, No. 7 (2012), s. 1721-1724

IF (JCR) 2012=0,641

ADC30 Čanecká, Lucia 40% - Bujdoš, Marek 40% - Hagarová, Ingrid 10% - Matúš, Peter 10% : Štúdiu sorpcie oxoaniónov as(v), Sb(V) a P(V) a ich vzájomných zmesí na syntetický goethit, [Sorption of oxoanions of As(V), Sb(V) and p(v) and their mixtures on synthetic goethite]

Lit: 11 zázň., 3 obr.

In: Chemické listy. - Vol. 107, No. 4 (2013), s. 304-307

IF (JCR) 2012=0,453

ADC31 Hagarová, Ingrid 70% - Bujdoš, Marek 10% - Matúš, Peter 10% - Kubová, Jana 10% : Coacervative extraction of trace lead from natural waters prior to its determination by electrothermal atomic absorption spectrometry

Lit: 38 zázň., 2 tab.

In: Spectrochimica Acta Part B - Atomic Spectroscopy. - Vol. 88, October (2013), s. 75-79

IF (JCR) 2012=3,141

[o1] 2014 Wen, X. - Zhang, Y. - Li, C. - Fang, X. - Zhang, X.: Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, Vol. 123, April, 2014, s. 200-205 - SCOPUS

ADC32 Kolenčík, Marek 60% - Urík, Martin 30% - Čerňanský, Slavomír 4% - Molnárová, Marianna 3% - Matúš, Peter 3% : Leaching of zinc, cadmium, lead and copper from electronic scrap using organic acids and the Aspergillus niger strain

Lit.: 40 zázň., 3 obr., 2 tab.

In: Fresenius Environmental Bulletin. - Vol. 22, No. 12A (2013), s. 3673-3679

IF (JCR) 2012= 0,641

ADC33 Kolenčík, Marek 70% - Urík, Martin 10% - Bujdoš, Marek 4% - Gardošová, Katarína 2% - Littera, Pavol 2% - Puškelová, Ľubica 4% - Gregor, Miloš 4% - Matúš, Peter 4% : Lúhovanie hliníka, železa, cínu, kobaltu a zlata z elektronických odpadov pôsobením organických kyselín a mikroskopickéj vláknitej huby Aspergillus niger, [Leaching of Al, Fe, Sn, Co and Au from electronics wastes using organic acid and microscopic fibrous fungus Aspergillus niger]

Lit.: 14 zázň., 2 obr., 1 tab.

In: Chemické listy. - Vol. 107, Iss. 2 (2013), s. 182-185

IF (JCR) 2012= 0,453

ADC34 Urík, Martin 50% - Gardošová, Katarína 20% - Bujdoš, Marek 20% - Matúš, Peter 10% : Sorption of Humic Acids onto Fungal Surfaces and Its Effect on Heavy Metal Mobility

Lit.: 20 zázň., 6 obr., 2 tab.

In: Water, Air and Soil Pollution. - Vol. 225, No. 2 (2014), Art. No. 1839

IF (JCR) 2012= 1,748

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

ADD01 Matúš, Peter - Kubová, Jana - Streško, Vladimír : Utilization of Chelating Ion Exchange for Aluminium Speciation

Lit: 6 zázň.

In: Chemical papers. - Vol. 57, No. 3 (2003), s. 176-178

IF (JCR) 2003= 0,226 [2012-0,879]

[Slovak Spectroscopic Conference. 16th, Košice, 23.-27.6.2002]

POZNÁMKA:

Vyšlo aj - ICP Information Newsletter. - No. 2 (2002), s. 183

Vyšlo aj ako abstrakt - 16th Slovak Spectroscopic Conference. - Košice : SSS, 2002. - S. 38.

*Ohlasy (2):*

[o1] 2009 Safavi, A. - Momeni, S. - Saghir, N.: Journal of Hazardous Materials, Vol. 162, No. 1, 2009, s. 333-337 - SCI

[o1] 2011 Lu, J. - Tian, J. - Guo, N. - Wang, Y. - Pan, Y.: Journal of Hazardous Materials, Vol. 185, No. 2-3, 2011, s. 1107-114 - SCOPUS

ADD02 Medveď, Ján - Matúš, Peter - Bujdoš, Marek - Kubová, Jana : Gold and Silver Determination in Waters by SPHERON Thiol 1000 Preconcentration and ETAAS

Lit.: 11 záz. n.

In: Chemical papers. - Vol. 60, No. 1 (2006), s. 27-31

IF (JCR) 2006=0,360 [2012-0,879]

*Ohlasy (7):*

[o1] 2007 Farag, A.B. - Soliman, M.H. - Abdel-Rasoul, O.S. - El-Shahawi, M.S.: Analytica Chimica Acta, Vol. 601, No. 2, 2007, s. 218-229 - SCI

[o1] 2007 Turker, A.R.: Clean - Soil, Air, Water, Vol. 35, No. 6, 2007, s. 548-557 - SCOPUS

[o1] 2008 Thomas, A. M. - Murty, D. S. R.: Atomic Spectroscopy, Vol. 29, No. 2, 2008, s. 69-75 - SCI

[o1] 2009 Bashammakh, A. S. - Bahaffi, S. O. - Al-Shareef, F. M. - El-Shahawi, M. S.: Analytical Sciences, Vol. 25, No. 3, 2009, s. 413-418 - SCI

[o1] 2011 El-Shahawi, M.S. - Bashammakh, A.S. - Al-Sibaai, A.A. - Orief, M.I. - Al-Shareef, F.M.: International Journal of Mineral Processing, Vol. 100, No. 3-4, 2011, s. 110-115 - SCI

[o1] 2012 Ashkenani, H. - Taher, M.A.: Microchemical Journal, Vol. 103, July, 2012, s. 185-190 - SCI ; SCOPUS

[o1] 2013 Lotfi Zadeh Zhad, H.R. - Aboufazel, F. - Sadeghi, O. - Amani, V. - Najafi, E. - Tavassoli, N.: Journal of Chemistry, Vol. 2013, 2013, Art. No. 482793 - SCI ; SCOPUS

[o1] 2014 Taher, M.A. - Daliri, Z. - Fazlirad, H.: Chinese Chemical Letters, Vol. 25, No. 4, 2014, s. 649-654 - SCOPUS

ADD03 Medveď, Ján 20% - Kališ, Milan 20% - Hagarová, Ingrid 20% - Matúš, Peter 20% - Bujdoš, Marek 10% - Kubová, Jana 10% : Thallium fractionation in polluted environmental samples using a modified BCR three-step sequential extraction procedure and its determination by electrothermal atomic absorption spectrometry

Lit.: 28 záz. n.

In: Chemical papers. - Vol. 62, No. 2 (2008), s. 168-175

IF (JCR) 2008=0,758 [2012-0,879]

*Ohlasy (3):*

[o1] 2009 Xiong, Y.L.: Environmental Chemistry, Vol. 6, No. 5, 2009, s. 441-451 - SCI

[o1] 2010 Vanek, A. - Grygar, T. - Chrastny, V. - Tejnecky, V. - Drahota, P. - Komarek, M.: Journal of Hazardous Materials, Vol. 176, No. 1-3, 2010, s. 913-918 - SCI

[o1] 2010 Liu, J. A. - Wang, J. - Chen, Y. H. - Qi, J. Y. - Lippold, H. - Wang, C. L.: Clean-Soil Air Water, Vol. 38, No. 10, 2010, s. 909-915 - SCI

### **ADF Vedecké práce v ostatných domácich časopisoch**

ADF01 Kubová, Jana - Streško, Vladimír - Matúš, Peter : Analytical methodologies for Aluminium Speciation in Environmental Samples - a Review

In: Slovak Geological Magazine. - Vol. 9, No. 2-3 (2003), s. 125-127

ADF02 Matúš, Peter : State of the art in determination, fractionation and speciation analysis of aluminium in environmental samples by spectrochemical analytical methods

Lit.: 86 záz. n.

In: Transactions of the Universities of Košice. - Roč. 10, č. 2-3 (2006), s. 80-97



- ADF03 Matúš, Peter : Fractionation of aluminium by coupled separation and spectrometry detection techniques  
Lit.: 15 zázň.  
In: Transactions of the Universities of Košice. - Roč. 10, č. 2-3 (2006), s. 92-97,
- ADF04 Medveď, Ján - Kališ, Milan - Matúš, Peter - Bujdoš, Marek - Kubová, Jana : Fractionation and determination of thallium in soil samples by ETAAS  
Lit.: 20 zázň.  
In: Transactions of the Universities of Košice. - Roč. 10, č. 2-3 (2006), s. 98-104,
- ADF05 Matúš, Peter : Hliník v životnom prostredí - stanovenie jeho koncentrácie s využitím spektrochemických metód  
Lit.: 4 zázň.  
In: Spravodaj Slovenskej spektroskopickkej spoločnosti. - Roč. 15, č. 14 (2007), s. 58
- ADF06 Matúš, Peter 100%: Hliník v životnom prostredí II - špeciácia, špeciálna analýza a frakcionácia Al s využitím spektrochemických metód  
Lit.: 36 zázň.  
In: Spravodaj Slovenskej spektroskopickkej spoločnosti. - Roč. 15, č. 15 (2008), s. 10-13
- ADF07 Matúš, Peter 30% - Medveď, Ján 20% - Kališ, Milan 10% - Urík, Martin 10% - Hagarová, Ingrid 10% - Bujdoš, Marek 10% - Kubová, Jana 10% : Spektrometrické stanovenie tália v povrchových vodách, pôdach a pôdnych extraktoch  
Lit.: 4 zázň., 1 obr., 8 tab.  
In: Spravodaj Slovenskej spektroskopickkej spoločnosti. - Roč. 20, č. 2 (2013), s. 51-55
- ADF08 Miglierini, Marcel 80% - Matúš, Peter 20% : Využitie jadrového rezonančného dopredného žiarenia v geológii  
Lit.: 5 zázň., 6 obr., 1 tab.  
In: Spravodaj Slovenskej spektroskopickkej spoločnosti. - Roč. 20, č. 2 (2013), s. 32-35
- ADF09 Senila, Marin 40% - Senila, Lacrimioara 40% - Urík, Martin 10% - Matúš, Peter 10% : Evaluation of mercury bioavailability in soil samples using DGT and TD-AAS techniques: Case study of Baia Mare, NW Romania  
Lit.: 12 zázň., 2 obr., 1 tab.  
In: Mineralia Slovaca. - Vol. 45, No. 3 (2013), s. 121-124

### DAI Dizertačné a habilitačné práce

- DAI01 Matúš, Peter : Štúdium frakcionácie hliníka v geologických materiáloch. - Bratislava : [s.n.], 2006. - 145 s.  
Doktorandská dizertačná práca (Doktor; Dr., PhD.) - Univerzita Komenského, Bratislava, 2006

### Štatistika kategórií (Záznamov spolu: 243, z nich je v prehľade uvedených 52):

- ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách (3)  
ABB Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v domácich vydavateľstvách (1)  
ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách (1)  
ADC Vedecké práce v zahraničných karentovaných časopisoch (34)  
ADD Vedecké práce v domácich karentovaných časopisoch (3)  
ADF Vedecké práce v ostatných domácich časopisoch (9)  
DAI Dizertačné a habilitačné práce (1)

**Štatistika ohlasov na všetky práce (245):**

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (236)

[o2] Citácie v domácich publikáciách registrované v citačných indexoch (1)

[o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (8)

**Štatistika kategórií prác nezaradených do prehľadu (Záznamov spolu: 191):**

AFC Publikované príspevky na zahraničných vedeckých konferenciách (10)

AFD Publikované príspevky na domácich vedeckých konferenciách (62)

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (85)

AFH Abstrakty príspevkov z domácich vedeckých konferencií (19)

AFK Postery zo zahraničných konferencií (1)

AFL Postery z domácich konferencií (5)

BDE Odborné práce v ostatných zahraničných časopisoch (1)

BDF Odborné práce v ostatných domácich časopisoch (1)

BEE Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných) (1)

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...) (6)