

List of the most important scientific achievements for 2013

Chemistry, Chemical Technology and Biotechnology

UKOPRCAL - Department of Analytical Chemistry
UKOPRCAG - Department of Inorganic Chemistry
UKOPRCBI - Department of Biochemistry
UKOPRCFZ - Department of Physical and Theoretical Chemistry
UKOPRCJD - Department of Nuclear Chemistry
UKOPRCOR - Department of Organic Chemistry
UKOPRCUS - Institute of Chemistry

Wang, Feng (4%) - Sambandan, Dhinakaran (4%) - Halder, Rajkumar (4%) - Wang, Jianing (3%) - Batt, Sarah M. (3%) - Weinrick, Brian (3%) - Ahmad, Insha (3%) - Yang, Pengyu (3%) - Zhang, Yong (3%) - Kim, John (3%) - Hassani, Morad (3%) - Huszar, Stanislav [UKOPRCBI] (4%) - Trefzer, Claudia (4%) - Ma, Zhenkun (4%) - Kaneko, Takushi (4%) - Mdluli, Khisi E. (4%) - Franzblau, Scott (4%) - Chatterjee, Arnab K. (4%) - Johnsson, Kai (4%) - Mikušová, Katarína [UKOPRCBI] (4%) - Besra, Gurdyal S. (4%) - Fuetterer, Klaus (4%) - Robbins, Scott H. (4%) - Barnes, S. Whitney (4%) - Walker, John R. (4%) - Jacobs, William R., Jr. (4%) - Schultz, Peter G. (4%) : Identification of a small molecule with activity against drug-resistant and persistent tuberculosis

Lit.: 30 zázn., 5 obr.

In: Proceedings of the National Academy of Sciences of the United States of America. - Vol. 110, No. 39 (2013), s. 15848-15848

Indikátor časopisu:

IF (JCR) **2013=9.809**

Deffieu, Maika (15%) - Bhatia, Ingrid [UKOPRCBI] (35%) - Salin, Bénédicte (10%) - Klionsky, Daniel J. (10%) - Pinson, Benoit (10%) - Manon, Stéphen (10%) - Camougrand, Nadine (10%) : Increased levels of reduced cytochrome b and mitophagy components are required to trigger nonspecific autophagy following induced mitochondrial dysfunction

Lit.: 72 zázn., 10 obr.

In: Journal of Cell Science. - Vol. 126, No. 2 (2013), s. 415-426

Indikátor časopisu:

IF (JCR) **2013=5,325**

Bučko, Tomáš [UKOPRCFZ] (70%) - Lebegue, Sebastien (10%) - Hafner, Jürgen (10%) - Ángyán, János G. (10%) : Improved Density Dependent Correction for the Description of London Dispersion Forces

Lit.: 36 zázn., 2 obr., 3 tab.

In: Journal of Chemical Theory and Computation. - Vol. 9, No. 10 (2013), s. 4293-4299

Indikátor časopisu:

IF (JCR) **2013=5,310**

Sedláč, Robert (5%) - Janowski, Tomasz (5%) - Pitoňák, Michal [UKOPRCFZ] (75%) - Řezáč, Jan (5%) - Pulay, Peter (5%) - Hobza, Pavel (5%) : Accuracy of Quantum Chemical Methods for Large Noncovalent Complexes

Lit.: 89 zázn., 4 obr., 4 tab.

In: Journal of Chemical Theory and Computation. - Vol. 9, No. 8 (2013), s. 3364-3374

Indikátor časopisu:

IF (JCR) **2013=5,310**

Melicherčík, Miroslav (35%) - Pitoňák, Michal [UKOPRCFZ] (20%) - Kellö, Vladimír [UKOPRCFZ] (20%) - Hobza, Pavel (5%) - Neogrády, Pavel [UKOPRCFZ] (20%) : Off-Center Gaussian Functions, an Alternative Atomic Orbital Basis Set for Accurate Noncovalent Interaction Calculations of Large Systems

Lit.: 21 zázn., 6 obr., 3 tab.

In: Journal of Chemical Theory and Computation. - Vol. 9, No. 12 (2013), s. 5296-5304

Indikátor časopisu:

IF (JCR) **2013=5,310**

Šebesta, Radovan [UKOPRCOR] (100%) : Asymmetric Copper-catalyzed 1,4-Additions and Allylic Substitutions with Nucleophiles Formed by the Hydrometalation of Alkenes

Lit.: 17 zázň., 4 schémy

In: Chemcatchem. - Vol. 5, No. 5, Spec. Iss. (2013), s. 1069-1071

Indikátor časopisu:

IF (JCR) **2013=5,044**

Egger, David A. (18%) - Ruiz, Viktor G. (18%) - Saidi, Wissam A. (18%) - Bučko, Tomáš [UKOPRCFZ] (10%) - Tkatchenko, Alexandre (18%) - Zojer, Egbert (18%): Understanding Structure and Bonding of Multilayered Metal-Organic Nanostructures

Lit.: 31 zázň., 5 obr.

In: Journal of Physical Chemistry C. - Vol.117, No. 6 (2013), s. 3055-3061

Indikátor časopisu:

IF (JCR) **2013=4,835**

Sklenák, Štěpán (12%) - Andrikopoulos, Prokopis C. (12%) - Whittleton, Sarah R. (11%) - Jirglova, Hana (11%) - Sazama, Petr (11%) - Benco, Ľubomír (11%) - Bučko, Tomáš [UKOPRCFZ] (10%) - Hafner, Juergen (11%) - Sobalík, Zdeněk (11%) : Effect of the Al Siting on the Structure of Co(II) and Cu(II) Cationic Sites in Ferrierite. A Periodic DFT Molecular Dynamics and FTIR Study

Lit.: 82 zázň., 8 obr., 4 tab.

In: Journal of Physical Chemistry C. - Vol.117, No. 8 (2013), s. 3958-3968

Indikátor časopisu:

IF (JCR) **2013=4,835**

Ridlon, Lucie (30%) - Škodová, Ingrid [UKOPRCBI] (30%) - Pan, Songqin (5%) - Lukeš, Julius (5%) - Maslov, Dmitri A. (30%) : The Importance of the 45 S Ribosomal Small Subunit-related Complex for Mitochondrial Translation in Trypanosoma brucei

Lit.: 55 zázň., 9 obr., 1 tab.

In: Journal of Biological Chemistry. - Vol. 288, No. 46 (2013), s. 32963-32978

Indikátor časopisu:

IF (JCR) **2013=4,600**

Bhatia, Ingrid [UKOPRCBI] (50%) - Camougrand, Nadine (50%) : Mitophagy: A process that adapts to the cell physiology

Lit.: 26 zázň., 2 obr.

In: International Journal of Biochemistry & Cell Biology. - Vol. 45, No. 1 (2013), s. 30-33

Indikátor časopisu:

IF (JCR) **2013=4,240**

Drusan, Michal [UKOPRCOR] (35%) - Galeštoková, Zuzana [UKOPR000] (35%) - Šebesta, Radovan [UKOPRCOR] (30%) : Diastereoselective copper-catalysed 1,4-addition of Grignard reagents to N-enoyl oxazolidinones

Lit.: 22 zázň.

In: RSC Advances. - Vol. 3, No. 25 (2013), s. 9881-9888

Indikátor časopisu:

IF (JCR) **2013=3,708**

Šimuneková, Mária [UKOPRCAG] (30%) - Prodius, Denis (30%) - Mereacre, Valeriu (5%) - Schwendt, Peter (5%) - Turta, Constantin (5%) - Bettinelli, Marco (5%) - Speghini, Adolfo (5%) - Lan, Yanhua (5%) - Anson, Christopher E. (5%) - Powell, Annie K.(5%) : Tetradecanuclear lanthanide-vanadium "nanochocolates": catalytically-active cationic heteropolyoxovanadium clusters

Lit.: 28 zázň., 5 obr., 1 schéma
In: RSC Advances. - Vol. 3, No. 18 (2013), s. 6299-6304
Indikátor časopisu:
IF (JCR) **2013=3,708**

Lattová, Erika (25%) - Svetlíková, Zuzana (20%) - Mikušová, Katarína [UKOPRCBI] (20%) - Perreault, Helene (5%) - Poláková, Monika (30%) : Novel synthetic (1 -> 6)-alpha-D-mannodisaccharide substrates support processive mannosylation catalysed by themycobacterial cell envelope enzyme fraction
Lit.: 20 zázň., 5 obr.
In: RSC Advances. - Vol. 3, No. 39 (2013), s. 17784-17792
Indikátor časopisu:
IF (JCR) **2013=3,708**

Bučko, Tomáš [UKOPRCFZ] (70%) - Lebegue, Sebastien (10%) - Hafner, Jürgen (10%) - Ángyán, János G. (10%) : Tkatchenko-Scheffler van der Waals correction method with and without self-consistent screening applied to solids
Lit.: 113 zázň., 2 obr., 17 tab.
In: Physical Review B. - Vol. 87, No. 6 (2013), s. 4110-4110
Indikátor časopisu:
IF (JCR) **2013=3,664**

Baran, Rastislav [UKOPRCOR] (40%) - Veverková, Eva [UKOPRCOR] (25%) - Škvorcová, Andrea (15%) - Šebesta, Radovan [UKOPRCOR] (20%) : Enantioselective Michael addition of 1,3-dicarbonyl compounds to a nitroalkene catalyzed by chiral squaramides - akey step in the synthesis of pregabalin
Lit.: 46 zázň.
In: Organic and Biomolecular Chemistry. - Vol. 11, No. 44 (2013), s. 7705-7711
Indikátor časopisu:
IF (JCR) **2013=3,487**

Valent, Ivan [UKOPRCFZ] (50%) - Petrovič, Pavol (20%) - Neogrady, Pavel [UKOPRCFZ] (10%) - Schreiber, Igor (10%) - Marek, Miloš (10%) : Electrodifusion Kinetics of Ionic Transport in a Simple Membrane Channel
Lit.: 53 zázň., 10 obr., 1 tab.
In: Journal of Physical Chemistry B. - Vol. 117, No. 46 (2013), s. 14283-14293
Indikátor časopisu:
IF (JCR) **2013=3,377**

Repovský, Daniel [UKOPRCFZ] (20%) - Jáné, Eduard [UKOPRCFZ] (20%) - Pálszegi, Tibor (20%) - Slobodník, Marek (20%) - Velič, Dušan [UKOPRCFZ] (20%) : Formation Mechanism of a Silane-PVA/PVAc Complex Film on a Glass Fiber Surface
Lit.: 24 zázň., 9 obr., 3 tab.
In: ChemPhysChem. - Vol. 14, No. 15 (2013), s. 3569-3580
Indikátor časopisu:
IF (JCR) **2013=3,360**

Sedlák, Robert (2%) - Riley, Kevin E. (2%) - Řezáč, Jan (2%) - Pitoňák, Michal [UKOPRCFZ] (92%) - Hobza, Pavel (2%) : MP2.5 and MP2.X: Approaching CCSD(T) Quality Description of Noncovalent Interaction at the Cost of a Single CCSD Iteration
Lit.: 44 zázň., 3 obr., 3 tab.
In: ChemPhysChem. - Vol. 14, No. 4, Spec. Iss. (2013), s. 698-707
Indikátor časopisu:
IF (JCR) **2013=3,360**

Škodová, Ingrid [UKOPRCBI] (30%) - Verner, Zdeněk (30%) - Bringaud, Frédéric (5%) - Fabian, Peter (5%) - Lukeš, Julius (10%) - Horváth, Anton [UKOPRCBI] (20%) : Characterization of Two Mitochondrial Flavin

Adenine Dinucleotide-Dependent Glycerol-3-Phosphate Dehydrogenases in Trypanosoma brucei

Lit.: 47 záz., 5 obr.

In: Eukaryotic Cell. - Vol. 12, No. 12 (2013), s. 1664-1673

Indikátor časopisu:

IF (JCR) **2013=3,179**

Masár, Marián [UKOPRCAL] (30%) - Kruk, Pavol (20%) - Luc, Milan (10%) - Bodor, Róbert [UKOPRCAL] (20%) - Danč, Ladislav [UKOPRCAL] (10%) - Troška, Peter [UKOPRCAL] (10%) : CZE study on adsorption processes of aliphatic and aromatic amines on PMMAchip

Lit.: 48 záz., 5 obr., 4 tab.

In: Electrophoresis. - Vol. 34, No. 3 (2013), s. 432-440

Indikátor časopisu:

IF (JCR) **2013=3,161**

Almássy, Ambróz (20%) - Škvorcová, Andrea (15%) - Horváth, Branislav [UKOPR000] (15%) - Bilčík, Filip [UKOPRCOR] (10%) - Bariak, Vladimír [UKOPRCOR] (10%) - Rakovský, Erik [UKOPRCAG] (10%) - Šebesta, Radovan [UKOPRCOR] (20%) : Explanation of Different Regioselectivities in the ortho-Lithiation of Ferrocenyl(phenyl) methanamines

Lit.: 24 záz.

In: European Journal of Organic Chemistry. - No. 1 (2013), s. 111-116

Indikátor časopisu:

IF (JCR) **2013=3,154**

Li, Wei-Li (10%) - Ivanov, Alexander S. (10%) - Federič, Jozef [UKOPR000] (10%) - Romanescu, Constantin (20%) - Černušák, Ivan [UKOPRCFZ] (10%) - Boldyrev, Alexander I. (20%) - Wang, Lai-Sheng (20%) : On the way to the highest coordination number in the planar metal-centred aromatic Ta (c) B-10(-) cluster: Evolution of the structures of TaB_n- (n=3-8)

Lit.: 56 záz., 6 obr., 6 tab.

In: Journal of Chemical Physics. - Vol. 139, No. 10 (2013), Art. No. 104312

Indikátor časopisu:

IF (JCR) **2013=3,122**

Popov, Ivan A. (20%) - Popov, Valery F. (20%) - Bozhenko, Konstantin V. (20%) - Černušák, Ivan [UKOPRCFZ] (20%) - Boldyrev, Alexander I. (20%) : Structural changes in the series of boron-carbon mixed clusters C_xB_{10-x}- (x=3-10) upon substitution of boron by carbon

Lit.: 97 záz., 12 obr.

In: Journal of Chemical Physics. - Vol. 139, No. 11 (2013), Art. No. 14307

Indikátor časopisu:

IF (JCR) **2013=3,122**

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UKOPRCUS - Institute of Chemistry

Franz Lang, B. (15%) - Jakúbková, Michaela [UKOPR000] (10%) - Hegedúsová, Eva [UKOPRCBI] (10%) - Daoud, Rachid (5%) - Forget, Lise (5%) - Brejová, Bronislava [UKOMFKI] (5%) - Vinař, Tomáš [UKOMFKAI] (5%) - Kosa, Peter (5%) - Fričová, Dominika (5%) - Neboháčová, Martina [UKOPRCBI] (5%) - Griač, Peter (5%) - Tomáška, Ľubomír [UKOPRBGE] (5%) - Burger, Gertraud (5%) - Nosek, Jozef [UKOPRCBI] (15%) : Massive programmed translational jumping in mitochondria
Lit.: 43 záz., 3 obr., 1 tab.
In: Proceedings of the National Academy of Sciences of the United States of America. - Vol. 111, No. 16 (2014), s. 5926-5931
Indikátor časopisu:
IF (JCR) 2014= [2013-9,809]

Krivosudský, Lukáš [UKOPRCAG] (25%) - Schwendt, Peter (25%) - Šimunek, Ján [UKOPRCAG] (25%) - Gyepes, Robert (25%) : Vanadium-Controlled Crystallization of Stereoisomers of NBu₄[VO₂(N-Salicylidene-isoleucinato)] through Epimerization
Lit.: 55 záz., 5 obr., 1 tab.
In: Chemistry - A European Journal. - Vol. 20, No. 29 (2014), s. 8872-8875
Indikátor časopisu:
IF (JCR) 2014= [2013-5,696]

Nosek, Jozef [UKOPRCBI] (80%) - Tomáška, Ľubomír [UKOPRBGE] (20%) : Timing of meiosis: Microtubules on the move
Lit.: 6 záz.
In: Cell Cycle. - Vol. 13, No. 1 (2014), s. 13
Indikátor časopisu:
IF (JCR) 2014= [2013-5,006]

Mentel, Marek [UKOPRCBI] (40%) - Röttger, Mayo (7%) - Leys, Sally (7%) - Tielens, Aloysius G.M. (6%) - Martin, William F. (40%) : Of early animals, anaerobic mitochondria, and a modern sponge
Lit.: 81 záz., 3 obr., 1 tab.
In: BioEssays. - Vol. 36, No. 10 (2014), s. 924-932
Indikátor časopisu:
IF (JCR) 2014= [2013-4,927]

Bujdák, Juraj [UKOPRCFZ] 100% : Layer-by-Layer Assemblies Composed of Polycationic Electrolyte, Organic Dyes, and Layered Silicates.
In: Journal of Physical Chemistry C. - Vol. 118, No. 13 (2014), s. 7152-7162
Indikátor časopisu:
IF (JCR) 2014= [2013-4,835]

Bystrický, Roman [UKOPRCAG] (20%) - Antal, Peter [UKOPRCAG] (20%) - Tatiersky, Jozef [UKOPRCAG] (15%) - Schwendt, Peter (15%) - Gyepes, Robert (15%) - Žák, Zdirad (15%) : Peroxido Complexes of

- Vanadium(V) as Ligands. Crystal Structures of $(\text{Cd}(\text{NH}_3)_6)$ ($(\text{VO}(\text{O}-2)(2)(\text{OH}))(2)(\mu\text{-Cd}(\text{NH}_3)(4))$) and $(\text{VO}(\text{O}-2)(2)(\text{Im}))(2)(\mu\text{-Cu}(\text{Im})(4))$ (Im = Imidazole)
 Lit.: 37 zázň., 6 obr., 4 tab.
 In: Inorganic Chemistry. - Vol. 53, No. 10 (2014), s. 5037-5043
Indikátor časopisu:
 IF (JCR) 2014= [2013-4,794]
- Gerhold, Joachim M. (30%) - Sedman, Tiina (5%) - Višacká, Katarína [UKOPRBGE] (30%) - Slezáková, Judita (5%) - Tomáška, Lubomír [UKOPRBGE] (5%) - Nosek, Jozef [UKOPRCBI] (20%) - Sedman, Juhan (5%) : Replication Intermediates of the Linear Mitochondrial DNA of *Candida parapsilosis* Suggest a Common Recombination Based Mechanism for Yeast Mitochondria
 Lit.: 65 zázň., 6 obr.
 In: Journal of Biological Chemistry. - Vol. 289, No. 33 (2014), s. 22659-22670
Indikátor časopisu:
 IF (JCR) 2014= [2013-4,600]
- Veverka, Miroslav (16%) - Dubaj, Tibor (16%) - Gallovič, Ján (10%) - Jorik, Vladimír (16%) - Veverková, Eva [UKOPRCOR] (16%) - Mičušík, Matej (10%) - Šimon, Peter (16%) : Beta-glucan complexes with selected nutraceuticals: Synthesis, characterization, and stability
 Lit.: 42 zázň., 3 obr., 3 tab.
 In: Journal of Functional Foods. - Vol. 8, No. 1 (2014), s. 309-318
Indikátor časopisu:
 IF (JCR) 2014= [2013-4,480]
- Ang, Michelle Lay Teng (7%) - Siti, Zarina Zainul Rahim (7%) - Shui, Guanghou (7%) - Dianišková, Petronela (7%) - Madacki, Jan [UKOPRCBI] (7%) - Lin, Wenwei (6%) - Koh, Vanessa Hui Qi (6%) - Martinez-Gomez, Julia Maria (6%) - Sudarkodi, Sukumar (6%) - Bendt, Anne (6%) - Wenk, Marcus (7%) - Mikušová, Katarína [UKOPRCBI] (7%) - Korduláková, Jana [UKOPRCBI] (7%) - Pethe, Kevin (7%) - Alonso, Sylvie (7%) : An ethA-ethR-Deficient *Mycobacterium bovis* BCG Mutant Displays Increased Adherence to Mammalian Cells and Greater Persistence In Vivo, Which Correlate with Altered Mycolic Acid Composition
 Lit.: 51 zázň., 6 obr., 1 tab.
 In: Infection and Immunity. - Vol. 82, No. 5 (2014), s. 1850-1859
Indikátor časopisu:
 IF (JCR) 2014= [2013-4,156]
- Puškelová, Jarmila [UKOPRCAG] (10%) - Baia, Lucian (9%) - Vulpoi, Adriana (9%) - Baia, Monica (9%) - Antoniadou, Maria (9%) - Dracopoulos, Vassilios (9%) - Stathatos, Elias (9%) - Kovacs, Gabor (9%) - Pap, Zsolt (9%) - Danciu, Virginia (9%) - Lianos, Panagiotis (9%) : Photocatalytic hydrogen production using TiO₂-Pt aerogels
 Lit.: 37 zázň., 6 obr., 2 tab.
 In: Chemical Engineering Journal. - Vol. 242, April (2014), s. 96-101
Indikátor časopisu:
 IF (JCR) 2014= [2013-4,058]
- Hrdá, Marcela [UKOPR000] (25%) - Kulich, Tomáš (10%) - Repiský, Michal (20%) - Noga, Jozef [UKOPRCAG] (15%) - Malkina, Olga L. (15%) - Malkin, Vladimir G. (15%) : Implementation of the Diagonalization-Free Algorithm in the Self-Consistent Field Procedure within the Four-Component Relativistic Scheme
 Lit.: 54 zázň., 2 obr., 4 tab.
 In: Journal of Computational Chemistry. - Vol. 35, No. 23 (2014), s. 1725-1737
Indikátor časopisu:
 IF (JCR) 2014= [2013-3,601]
- Škvorcová, Andrea (50%) - Šebesta, Radovan [UKOPRCOR] (50%) : Computational study of diastereoselective ortho-lithiations of chiral ferrocenes
 Lit.: 52 zázň.

In: Organic and Biomolecular Chemistry. - Vol. 12, No. 1 (2014), s. 132-140

Indikátor časopisu:

IF (JCR) 2014= [2013-3,487]

Lintnerová, Lucia [UKOPR000] (11%) - Garcia-Caballero, Melissa (11%) - Gregáň, Fridrich (11%) - Melicherčík, Milan (11%) - Quesada, Ana R. (11%) - Dobiáš, Juraj [UKOPRCOR] (11%) - Lác, Ján (11%) - Sališová, Marta (11%) - Boháč, Andrej [UKOPRCOR] (12%) : A development of chimeric VEGFR2 TK inhibitor based on two ligand conformers from PDB: 1Y6A complex - Medicinal chemistry consequences of a TKs analysis

Lit.: 26 zázn.

In: European Journal of Medicinal Chemistry. - Vol. 72 (2014), s. 146-159

Indikátor časopisu:

IF (JCR) 2014= [2013-3,432]

Mikušová, Katarína [UKOPRCBI] (34%) - Makarov, Vadim (33%) - Neres, Joao (33%) : DprE1-from the Discovery to the Promising Tuberculosis Drug Target

Lit.: 177 zázn., 9 obr., 5 tab.

In: Current Pharmaceutical Design. - Vol. 20, No. 27 (2014), s. 4379-4403

Indikátor časopisu:

IF (JCR) 2014= [2013-3,288]

Kondeková, Monika [UKOPRCAL] (25%) - Maier, Vítězslav (20%) - Ginterová, Pavlína (20%) - Marák, Jozef [UKOPRCAL] (30%) - Ševčík, Juraj [UKOPRCAL] (5%) : Analysis of lysozyme in cheese samples by on-line combination of capillary zone electrophoresis and mass spectrometry

Lit.: 25 zázn., 4 obr., 1 tab.

In: Food Chemistry. - Vol. 153 (2014), s. 398-404

Indikátor časopisu:

IF (JCR) 2014= [2013-3,259]

Bakkaiová, Jana [UKOPRBGE] (50%) - Arata, Kosuke (2%) - Matsunobu, Miki (2%) - Ono, Bungo (2%) - Aoki, Tomoyo (2%) - Lajdová, Dana [UKOPRBGE] (5%) - Neboháčová, Martina [UKOPRCBI] (5%) - Nosek, Jozef [UKOPRCBI] (8%) - Miyakawa, Isamu (8%) - Tomáška, Lubomír [UKOPRBGE] (16%) : The Strictly Aerobic Yeast *Yarrowia lipolytica* Tolerates Loss of a Mitochondrial DNA-Packaging Protein

Lit.: 94 zázn., 5 obr.

In: Eukaryotic Cell. - Vol. 13, No. 9 (2014), s. 1143-1157

Indikátor časopisu:

IF (JCR) 2014= [2013-3,179]

Kondeková, Monika [UKOPRCAL] (30%) - Vojs Staňová, Andrea [UKOPRCAL] (30%) - Marák, Jozef [UKOPRCAL] (40%) : Methodological aspects of an off-line combination of preparative isotachopheresis and high-performance liquid chromatography with mass spectrometry in the analysis of biological matrices

Lit.: 32 zázn., 5 obr.

In: Electrophoresis. - Vol. 35, No. 8 (2014), s. 1173-1180

Indikátor časopisu:

IF (JCR) 2014= [2013-3,161]

Marák, Jozef [UKOPRCAL] (50%) - Vojs Staňová, Andrea [UKOPRCAL] (50%) : Buffer salt effects in off-line coupling of capillary electrophoresis and mass spectrometry

Lit.: 33 zázn., 4 obr., 1 tab.

In: Electrophoresis. - Vol. 35, No. 9, Spec. Iss. (2014), s. 1268-1274

Indikátor časopisu:

IF (JCR) 2014= [2013-3,161]