

## Current Contents Publications

FULAJTÁROVÁ, Katarína - HRONEC, Milan - LIPTAJ, Tibor - PRÓNAYOVÁ, Nadežda - SOTÁK, Tomáš. Catalytic hydrogenation of condensation product of furfural with cyclopentanone using molecular hydrogen and formic acid as hydrogen donor. In *Journal of the Taiwan Institute of Chemical Engineers*. Vol. 66, (2016), s. 137-142. ISSN 1876-1070. V databáze: CC: 000382340200015 ; DOI: 10.1016/j.jtice.2016.06.002.

GÁSPÁROVÁ, Zdenka - PRÓNAYOVÁ, Nadežda - STARÁ, Veronika - LIPTAJ, Tibor. In Vitro Metabolomic Approach to Hippocampal Neurodegeneration Induced by Trimethyltin. In *Neurochemical research*. Vol. 41, no. 4 (2016), pp. 715-721. ISSN 0364-3190. V databáze: CC: 000373860300010 ; DOI: 10.1007/s11064-015-1740-9.

GONĚC, Tomáš - POSPÍŠILOVÁ, Šárka - KAUEROVÁ, Tereza - KOS, Jiří - DOHÁŇOŠOVÁ, Jana - ORAVEC, Michal - KOLLÁR, Peter - COFFEY, Aidan - LIPTAJ, Tibor - ČÍŽEK, Alois - JAMPÍLEK, Josef. N-Alkoxyphenylhydroxynaphthalenecarboxamides and Their Antimycobacterial Activity. In *Molecules*. Vol. 21, iss. 8 (2016), s. 1068. ISSN 1420-3049. V databáze: CC: 000382334600107 ; DOI: 10.3390/molecules21081068.

JOZEOFVIČOVÁ, Mária - HERYNEK, Vít - JIRU, Filip - DEZORTOVÁ, Monika - JUHÁSOVÁ, Jana - JUHÁS, Štefan - MOTLÍK, Jan - HÁJEK, Milan. Minipig model of huntington's disease: 1H magnetic resonance spectroscopy of the brain. In *Physiological research*. Vol. 65, iss. 1 (2016), s. 155-163. ISSN 0862-8408. V databáze: SCOPUS: 2-s2.0-84963813182 ; CC: 000377529800016.

KOLLÁR, Jozef - MRLÍK, Miroslav - MORAVČÍKOVÁ, Daniela - KRONEKOVÁ, Zuzana - LIPTAJ, Tibor - LACÍK, Igor - MOSNÁČEK, Jaroslav. Tulips: A Renewable Source of Monomer for Superabsorbent Hydrogels. In *Macromolecules*. Vol. 49, iss. 11 (2016), s. 4047-4056. ISSN 0024-9297. V databáze: CC: 000378016200006 ; DOI: 10.1021/acs.macromol.6b00467.

KUCHTANIN, Vladimír - KLEŠČÍKOVÁ, Lucia - ŠORAL, Michal - FISCHER, Róbert - RŮŽIČKOVÁ, Zdeňka - RAKOVSKÝ, Erik - MONCOL, Ján - SEGLA, Peter. Nickel(II) Schiff base complexes: Synthesis, characterization and catalytic activity in Kumada–Corriu cross-coupling reactions. In *Polyhedron*. Vol. 117, (2016), s. 90-96. ISSN 0277-5387. V databáze: DOI: 10.1016/j.poly.2016.05.037 ; CC: 000384384500011.

PUŠKÁROVÁ, Ingrid - ŠORAL, Michal - BREZA, Martin. On NMR prediction of the antioxidant effectiveness of p-substituted diphenyl amines. In *Polymer Degradation and Stability*. Vol. 130, (2016), s. 189-193. ISSN 0141-3910. V databáze: CC: 000380972400022 ; DOI: 10.1016/j.polymdegradstab.2016.06.013.

SOHRETOGLU, Didem - GENÇ, Yasin - HARPUT, Sebnem - SABUNCUOGLU, Suna - ŠORAL, Michal - RENDA, Gulin - LIPTAJ, Tibor. Phytochemical Content, Antioxidant and Cytotoxic Activities of Sedum spurium. In *Natural Product Communications*. Vol. 11, no. 11 (2016), s. 1693-1696. ISSN 1934-578X. V databáze: CC: 000388251200017.

ŠAFAR, Peter - MARCHALÍN, Štefan - PRÓNAYOVÁ, Nadežda - VRÁBEL, Viktor - LAWSON, Ata Martin - OTHMAN, M. A. - DAICH, Adam. Use of chiral-pool approach into epi-thieno analogues of the scarce bioactive phenanthroquinolizidine alkaloids. In *Tetrahedron*. Vol. 72, iss. 23 (2016), s. 3221-3231. ISSN 0040-4020. V databáze: CC: 000376799800011 ; DOI: 10.1016/j.tet.2016.04.047.

## Published Conference Contributions

KOPČÍK, Martin - KALIŇÁK, Michal. Porovnanie dvoch kvantifikačných metód v NMR metabolomike. In *Chémia a technológia pre život. 18. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou, Bratislava, 9.11.2016 [elektronický zdroj]*. 1. vyd. Bratislava : Nakladatelstvo STU, 2016, CD-ROM, s. 16-17. ISBN 978-80-227-4628-1.

BAČIAK, Ladislav - GÁSPAROVÁ, Zdenka - JURÁNEK, Ivo - LIPTAJ, Tibor. In vivo MR evidence that trimethyltin neurodegeneration in rats resembles Alzheimer's pathology. In *Magnetic Resonance Materials in Physics, Biology and Medicine*. Vol. 29, Suppl. 1, ESMRMB 2016, 33rd Annual Scientific Meeting, Vienna, AT, September 29–October 1 (2016), s. 229. ISSN 1352-8661.

GATIAL, Anton - HERICH, Peter - TARABOVÁ, Denisa - MILATA, Viktor - PRÓNAYOVÁ, Nadežda. Conformational studies of 3-[(2,2-dimethylhydrazinyl)methylene]-pentane-2,4-dione using vibrational and NMR spectra, and ab initio calculations. In *33rd European Congress on Molecular Spectroscopy (EUCMOS 2016), Szeged, Hungary, 30 July - 4 August 2016 : Programme & Book of Abstracts*. 1. vyd. Budapest : Hungarian Chemical Society, 2016, S. [1]. ISBN 978-963-9970-68-7.

KALIŇÁK, Michal - KOPČÍK, Martin. Comparison of quantitation methods for metabolomics. In *31st NMR Valtice, Central European NMR Meeting, Valtice, 24.4.-27.4.2016*. 1. vydanie. Troubsko : Stuare, s.r.o, 2016, S. [1]. ISBN 978-80-86441-47-4.

KAŠPAROVÁ, Svatava - GALISOVÁ, Andrea - JOZEFOVIČOVÁ, Mária - BAČIAK, Ladislav - TUŠKOVÁ, Radka - KEBIS, Anton - DUBOVICKÝ, Michal - KRŠŠÁK, Martin. Hľadanie diagnostických biomarkerov demencí v animálnych modeloch pomocou in vivo MRS a MRI. In *Psychiatrie : 58. česko-slovenská psychofarmakologická konference, Jeseník, 6.-10.1.2016*. Vol. 20, suppl. iss. 1 (2016), s. 31. ISSN 1211-7579.

KAŠPAROVÁ, Svatava - MELICHERCIK, Ľubomír - TVRDÍK, Tomáš. Vascular dementia model in rats and the effect of creatine citrate: In vivo 31P MR spectroscopy study. In *Magnetic Resonance Materials in Physics, Biology and Medicine*. Vol. 29, Suppl. 1, ESMRMB 2016, 33rd Annual Scientific Meeting, Vienna, AT, September 29–October 1 (2016), s. 232. ISSN 1352-8661.

LUKÁČOVÁ, Kristína - BAČIAK, Ladislav - PAVUKOVÁ, Eva - KAŠPAROVÁ, Svatava - NIEDEROVÁ-KUBÍKOVÁ, Ľubica. Sluttering-like behavior in songbirds after brain damage. In *Magnetic Resonance Materials in Physics, Biology and Medicine*. Vol. 29, Suppl. 1, ESMRMB 2016, 33rd Annual Scientific Meeting, Vienna, AT, September 29–October 1 (2016), s. 234. ISSN 1352-8661.

MAZÚR, Milan - KALIŇÁK, Michal - VALKO, Marián. Ice wine and straw wine tasting by NMR spectrometer. In *31st NMR Valtice, Central European NMR Meeting, Valtice, 24.4.-27.4.2016*. 1. vydanie. Troubsko : Stuare, s.r.o, 2016, S. [1]. ISBN 978-80-86441-47-4.

TVRDÍK, Tomáš - MELICHERCIK, Ľubomír - KAŠPAROVÁ, Svatava. Osmotic demyelination syndrome – case report. In *Magnetic Resonance Materials in Physics, Biology and Medicine*. Vol. 29, Suppl. 1, ESMRMB 2016, 33rd Annual Scientific Meeting, Vienna, AT, September 29–October 1 (2016), s. 465. ISSN 1352-8661.

VÉGH, Daniel - BORTŇÁK, Dušan - BALOGH, Róbert - ŠORAL, Michal - MILATA, Viktor. Synthesis of New Pentafluorophenylhydrazine and Tetrafluoroterephthalonitrile Derivatives as Potential Biologically Active Compounds and Novel Opto-Electronic Materials. In *4. mezinárodní chemicko-technologická konference - 4th International Conference on Chemical Technology – ICCT, sborník abstrakt a plných textů, 25.-27.4.2016, Mikulov, ČR [elektronický zdroj]*. 1. vyd. Praha : Česká společnost průmyslové chemie, 2016, USB klúč, s. [1]. ISBN 978-80-86238-91-3.

MAZÚR, Milan - KALIŇÁK, Michal - VALKO, Michal. Quality wines produced by unusual processing technology - a NMR spectroscopy study. In *43rd Annual Conference on Yeast, 10-13 May 2016, Smolenice, Slovakia : program and abstracts*. 1. vyd. Bratislava : Slovak Acasemy of Science, 2016, S. 26. ISBN 1336-4839.

VEVERKA, Miroslav - DUBAJ, Tibor - VEVERKOVÁ, Eva - ŠIMON, Peter - JAKUBÍK, Tibor - KALINOVSKÁ, Lucia. Natural oil emulsion gels stabilized by β-glucan. In *International Conference on Cosmetology, 5-7 October 2016, Bratislava : Conference Proceedings*. 1. vyd. Bratislava : Slovenská chemická knižnica, FCHPT STU v Bratislavě, 2016, S. 103. ISBN 978-80-89597-42-0.

BAČIAK, Ladislav - JOZEFOVIČOVÁ, Mária - BOHOVIČ, Roman - KUČEROVÁ, Lucia. MRI volumetry optimization of metastatic lung cancer in athymic mice. In *5th Miniconference of PhD. Students 2016*:

*Build bridges between pharmacology and biochemistry, 6th June 2016, Bratislava.* 1. vyd. Bratislava : Institute of Experimental Pharmacology & Toxicology, Slovak Academy of Sciences, 2016, s. 11.

## Other Publications

CVENGROŠ, Ján - LIPTAJ, Tibor - PRÓNAYOVÁ, Nadežda. Poliaromatické uhľovodíky v opotrebovaných motorových olejoch. In *Waste Forum [elektronický zdroj]*. Roč. 2016, č. 1 (2016), online, s. 24-37. ISSN 1804-0195.

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MOŠOVSKÁ, Silvia - PETÁKOVÁ, Patrícia - KALIŇÁK, Michal - MIKULAJOVÁ, Anna. Antioxidant properties of curcuminoids isolated from Curcuma longa L. In *Acta Chimica Slovaca*. Vol. 9, no. 2 (2016), s. 130-135. ISSN 1337-978X. V databáze: DOI: 10.1515/acs-2016-0022.