
Articles/Book chapters

2007


2008


nanoparticles and their use in oxygen reduction by electrocatalysis, *Carbon* 46 (2008), 1687-1692


2009

15. **Driver, G.W.**, Johnson, K.E., From molecules to ions - Where do modern ionic liquids belong?, *ECS Transactions* 16 (2009), 19-31


2010


2011


72. Murzin, D., **Simakova, I. L.**, Catalysis in biomass transformations, Kataliz v Promyshlennosti 3 (2011), 8-40 (Russian); *Catalysis in Industry* 3 (2011) 3, 218-249


2012


2013


111. Singh, R., Brink, A., Hupa, M., CFD modeling to study fluidized bed combustion and gasification, Applied Thermal Engineering 52 (2013) 2, 585-614


2014


117. **Banerjee, P.,** Pranovich, A., Dax, D., Willför, S., Non-cellulosic heteropolysaccharides from sugarcane bagasse - Sequential extraction with pressurized hot water and alkaline peroxide at different temperatures, *Bioresource Technology* 155 (2014), 446-450


121. **Conde, E.,** Fang, W., Hemming, J., Willför, S., Domínguez, H., Parajó, J. C., Recovery of bioactive compounds from *Pinus pinaster* wood by consecutive extraction stages, *Wood Science and Technology* 48 (2014), 311-323


2015


172. Szücs, J., Lindfors, T., Bobacka, J., Gyurcsányi, R., Ion-selective electrodes with 3D nanostructured conducting polymer solid contact, Electroanalysis, 28 (2015), 778-786


2016

177. Kaisti, M., Boeva, Z., Koskinen, J., Nieminen, S., Bobacka, J., Levon, K., Hand-held transistor based electrical and multiplexed chemical sensing system, ACS Sensors 1 (2016) 1423-1431


2017


Conference proceedings and abstracts 2007-2015

2007


2008


2009


2010


2011


2012


72. Błaż, T., Kupis, J., Bas, B., Migdalski, J., Lewenstam, A., Planar multielectrode potentiometric microcell for unique contact-type measurements of selected ions, Proceedings: 55th Congress of the Polish Chemical Society, September 16–20, 2012, Bialystok, Poland, 16


76. Bourhis, K., Ferraris, M., Petit, L., Ihalainen, H., Massera, J., Hupa, L., Hupa, M., Dussauze, M., Rodriguez, V., Fargues, A., Cardinal, T., Influence of the introduction of Al₂O₃ and/or P₂O₅ on the physical, structural, absorption and luminescence of erbium-doped borosilicate glasses,
Proceedings: *14th Italian National Conference of Photonic Technologies (Fotonica 2012)*, May 15-17, 2012, Florence, Italy


93. Massera, J., Fagerlund, S., Hupa, L., Hupa, M., Crystallization behavior of commercial bioactive glasses and its impact on bioactivity, Proceedings: 11th ESG Conference on Glass Science and Technology, June 3-6, 2012, Maastricht, the Netherlands


97. Zecca, M., Centomo, P., Sterchele, S., Campetrini, S., Biasi, P., Salmi, T., Polymer supported heterogeneous catalysts for direct synthesis of hydrogen peroxide in absence of selectivity
2013


106. Massera, J., Hupa, L., Hupa, M., Thermal properties and in vitro reactivity of MgO and SrO substituted bioactive glass S53P4, *23rd International Congress on Glass*, July 1-5, 2013, Prague, Czech Republic


2014


**2015**

120. **Lindfors, T., Boeva, Z.A., He, N., Gyurcsányi, R.E.**, Hydrophobic ion-to-electron transducer materials for solid-contact ion-selective electrodes, *Pittcon 2015*, March 8-12 2015, New Orleans, USA


122. **Szűcs, J., Gyurcsányi, R.E., Lindfors, T.**, Ion-selective electrodes with three dimensionally ordered conducting polymer and redox couple based solid contact, *4th International Conference on Bio-sensing Technology*, May 10-13 2015, Lisbon, Portugal