

No.	Description
11	Taniguchi, I., Kinugasa, K., Egashira, S. and Higa, M. (2016) Preparation of well-defined hyper-branched polymers and the CO <sub>2</sub> separation performance, <i>Journal of Membrane Science</i> , 502, 124 – 132. DOI: 10.1016/j.memsci.2015.12.032
10	Verma, S., Lu, X., Ma, S., Masel, R.I. and Kenis, P.J.A. (2016) The effect of electrolyte composition on the electroreduction of CO <sub>2</sub> to CO on Ag based gas diffusion electrodes, <i>Physical Chemistry Chemical Physics</i> , 18 (10), 7075-7084. DOI: 10.1039/c5cp05665a
9	Vannucci, C., Taniguchi, I. and Asatekin, A. (2015) Nanoconfinement and Chemical Structure Effects on Permeation Selectivity of Self-Assembling Graft Copolymers, <i>ACS Macro Letters</i> , 4 (9), 872-878. DOI: 10.1021/acsmacrolett.5b00401
8	Ma, S., Luo, R., Moniri, S., Lan, Y. and Kenis, P.J.A. (2015) Efficient electrochemical flow system with improved anode for the conversion of CO <sub>2</sub> to CO, <i>Journal of the Electrochemical Society</i> , 161 (10), F1124-F1131. DOI: 10.1149/2.1201410jes
7	Selyanchyn, R., Wakamatsu, S., Hayashi, K. and Lee, S.-W. (2015) A nano-thin film-based prototype QCM sensor array for monitoring human breath and respiratory patterns, <i>Sensors (Switzerland)</i> , 15 (8), 18834-18850. DOI: 10.3390/s150818834
6	Kazemifar, F., Blois, G., Kyritsis, D.C. and Christensen, K.T. (2015) Quantifying the flow dynamics of supercritical CO <sub>2</sub> -water displacement in a 2D porous micromodel using fluorescent microscopy and microscopic PIV, <i>Advances in Water Resources</i> , 95, 352-368. DOI: 10.1016/j.advwatres.2015.05.011
5	Oberst, J.L., "Molly" Jhong, H.-R., Kenis, P.J.A. and Gewirth, A.A. (2016) Insight into the electrochemical reduction of CO <sub>2</sub> on gold via surface-enhanced Raman spectroscopy and N-containing additives, <i>Journal of Solid State Electrochemistry</i> , 20 (4), 1149-1154. DOI: 10.1007/s10008-015-2874-z
4	Hisamitsu, S., Yanai, N., Fujikawa, S. and Kimizuka, N. (2015) Photoinduced Crystallization in Ionic Liquids: Photodimerization-induced Equilibrium Shift and Crystal Patterning, <i>Chemistry Letters</i> , 44 (7), 908-910. DOI: 10.1246/cl.150261
3	Nozoe, T., Goda, S., Selyanchyn, R., Wang, T., Nakazawa, K., Hirano, T., Matsui, H. and Lee, S.-W. (2015) In vitro detection of small molecule metabolites excreted from cancer cells using a Tenax TA thin-film microextraction device, <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 991, 99-107. DOI: 10.1016/j.jchromb.2015.04.016
2	Ogimoto, Y., Selyanchyn, R., Takahara, N., Wakamatsu, S. and Lee, S.-W. (2015) Detection of ammonia in human breath using quartz crystal microbalance sensors with functionalized mesoporous SiO <sub>2</sub> nanoparticle films, <i>Sensors and Actuators, B: Chemical</i> , 215, 428-436. DOI: 10.1016/j.snb.2015.03.103
1	Kim, B., Ma, S., Molly Jhong, H.-R. and Kenis, P.J.A. (2015) Influence of dilute feed and pH on electrochemical reduction of CO <sub>2</sub> to CO on Ag in a continuous flow electrolyzer, <i>Electrochimica Acta</i> , 166 (), 271-276. DOI: 10.1016/j.electacta.2015.03.064