

No.	Description
8	Kazemifar, F. and Kyritsis, D.C. (2014) Experimental investigation of near-critical CO ₂ tube-flow and Joule-Thompson throttling for carbon capture and sequestration, <i>Experimental Thermal and Fluid Science</i> , 53, 161–170. DOI: 10.1016/j.expthermflusci.2013.11.026
7	Yamada, Y.M.A., Yuyama, Y., Sato, T., Fujikawa, S. and Uozumi, Y. (2014) A palladium-nanoparticle and silicon-nanowire-array hybrid: A platform for catalytic heterogeneous reactions, <i>Angewandte Chemie - International Edition</i> , 53 (1), 127-131. DOI: 10.1002/anie.201308541
6	Taniguchi, I., Duan, S., Kai, T., Kazama, S. and Jinnai, H. (2013) Effect of the phase-separated structure on CO ₂ separation performance of the poly(amidoamine) dendrimer immobilized in a poly(ethylene glycol) network, <i>Journal of Materials Chemistry A</i> , 1, 14514-14523. DOI: 10.1039/c3ta13711b
5	Patil, B., Kobayashi, Y., Fujikawa, S., Okajima, T., Mao, L. and Ohsaka, T. (2014) Direct electrochemistry and intramolecular electron transfer of ascorbate oxidase confined on l-cysteine self-assembled gold electrode, <i>Bioelectrochemistry</i> , 95, 15-22. DOI: 10.1016/j.bioelechem.2013.10.005
4	Jhong, H.-R.M., Ma, S. and Kenis, P.J. (2013) Electrochemical conversion of CO ₂ to useful chemicals: current status, remaining challenges, and future opportunities, <i>Current Opinion in Chemical Engineering</i> , 2 (2), 191-199. DOI: 10.1016/j.coche.2013.03.005
3	Taniguchi, I., Urai, H., Kai, T., Duan, S. and Kazama, S. (2013) A CO ₂ -selective molecular gate of poly(amidoamine) dendrimer immobilized in a poly(ethylene glycol) network, <i>Journal of Membrane Science</i> , 444, 96-100. DOI: 10.1016/j.memsci.2013.05.017
2	Koishi, T., Yasuoka, K., Willow, S.Y., Fujikawa, S. and Zeng, X.C. (2013) Molecular Insight into Different Denaturing Efficiency of Urea, Guanidinium, and Methanol: A Comparative Simulation Study, <i>JOURNAL OF CHEMICAL THEORY AND COMPUTATION</i> , 9 (6), 2540-2551. DOI: 10.1021/ct3010968
1	Jhong, H.-R.Q., Brushett, F.R. and Kenis, P.J.A. (2013) The effects of catalyst layer deposition methodology on electrode performance, <i>Advanced Energy Materials</i> , 3 (5), 589-599. DOI: 10.1002/aenm.201200759