

No.	Description
17	Yamada, T., Sadakiyo, M., Shigematsu, A. and Kitagawa, H. (2016) Proton-Conductive Metal Organic Frameworks, <i>Bulletin of the Chemical Society of Japan</i> , 89 (1), 1-10. DOI: 10.1246/bcsj.20150308
16	Sadakiyo, M., Yamada, T., Kato, K., Takata, M. and Kitagawa, H. (2016) A significant change in selective adsorption behaviour for ethanol by flexibility control through the type of central metals in a metal-organic framework, <i>Chemical Science</i> , 7 (2), 1349-1356. DOI: 10.1039/C5SC03325J
15	Ma, S., Sadakiyo, M., Luo, R., Heima, M., Yamauchi, M. and Kenis, P.J.A. (2016) One-step electrosynthesis of ethylene and ethanol from CO ₂ in an alkaline electrolyzer, <i>Journal of Power Sources</i> , 301, 219-228. DOI: 10.1016/j.jpowsour.2015.09.124
14	Takashita, K., Matsumoto, T., Yatabe, T., Nakai, H., Suzuki, M. and Ogo, S. (2016) A Water-soluble Ni Dihydro Complex That Reduces O ₂ to H ₂ O in Water, <i>Chemistry Letters</i> , 45 (1), 72-74. DOI: 10.1246/cl.150935
13	Kishima, T., Matsumoto, T., Nakai, H., Hayami, S., Ohta, T. and Ogo, S. (2016) A High-Valent Iron(IV) Peroxo Core Derived from O ₂ , <i>Angewandte Chemie - International Edition</i> , 55 (2), 724-727. DOI: 10.1002/anie.201507022
12	Chambers, G.M., Huynh, M.T., Li, Y., Hammes-Schiffer, S., Rauchfuss, T.B., Reijerse, E. and Lubitz, W. (2016) Models of the Ni-L and Ni-SIa States of the [NiFe]-Hydrogenase Active Site, <i>Inorganic Chemistry</i> , 55 (2), 419-431. DOI: 10.1021/acs.inorgchem.5b01662
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10	Okawa, H., Sadakiyo, M., Otsubo, K., Yoneda, K., Yamada, T., Ohba, M. and Kitagawa, H. (2015) Proton Conduction Study on Water Confined in Channel or Layer Networks of LaIII-MIII(ox) ₃ ·10H ₂ O (M = Cr, Co, Ru, La), <i>Inorganic Chemistry</i> , 54 (17), 8529-8535. DOI: 10.1021/acs.inorgchem.5b01176
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8	Irie, R., Uchida, T. and Matsumoto, K. (2015) Katsuki Catalyst for Asymmetric Oxidation: Design Concepts, Serendipities for Breakthroughs, and Applications, <i>Chemistry Letters</i> , 44, 1268-1283. DOI: 10.1246/cl.150747
7	Tsuji, K., Yoon, K.-S. and Ogo, S. (2016) Biochemical characterization of a bifunctional acetaldehyde-alcohol dehydrogenase purified from a facultative anaerobic bacterium <i>Citrobacter</i> sp. S-77, <i>Journal of Bioscience and Bioengineering</i> , 121 (3), 253-258. DOI: 10.1016/j.jbiosc.2015.06.019
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5	Tran, V.H., Yatabe, T., Matsumoto, T., Nakai, H., Suzuki, K., Enomoto, T. and Ogo, S. (2015) An N ₂ -compatible Ni ⁰ Metal-Organic Chemical Vapor Deposition (MOCVD) Precursor, <i>Chemistry Letters</i> , 44 (6), 794-796. DOI: 10.1246/cl.150155
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3	Matsumoto, T., Sadakiyo, M., Ooi, M. L., Yamamoto, T., Matsumura, S., Kato, K., Takeguchi, T., Ozawa, N., Kubo, M. and Yamauchi, M. (2015) Atomically Mixed Fe-Group Nanoalloys: Catalyst Design for Selective Electrooxidation of Ethylene Glycol to Oxalic Acid, <i>Physical Chemistry Chemical Physics</i> , 17 (17), 11359-11366. DOI: 10.1039/c5cp00954e
2	Watanabe, R., Yamauchi, M., Sadakiyo, M. Abe, R. and Takeguchi, T. (2015) CO ₂ -free electric power circulation via direct charge and discharge using the glycolic acid/oxalic acid redox couple, <i>Energy & Environmental Science</i> , 8 (5), 1456-1462. DOI: 10.1039/C5EE00192G
1	Taketa, M., Nakagawa, H., Habukawa, M., Osuka, H., Kihira, K., Komori, H., Shibata, N., Ishii, M., Igarashi, Y., Nishihara, H, Yoon, K.-S., Ogo, S., Shomura, Y. and Higuchi, Y. (2015) Crystallization and preliminary X-ray analysis of the NAD ⁺ -reducing [NiFe] hydrogenase from <i>Hydrogenophilus thermoluteolus</i> TH-1, <i>Acta Crystallographica Section F: Structural Biology and Crystallization Communications</i> , F71, 96-99. DOI: 10.1107/S2053230X14026521