

Division: Catalytic Materials Transformations
 Year: 2010-2011

No.	Description
10	Inoki, D., Matsumoto, T., Hayashi, H., Takashita, K., Nakai, H. and Ogo, S. (2012) Establishing the mechanism of Rh-catalysed activation of O ₂ by H ₂ , DALTON TRANSACTIONS, 41 (15), 4328-4334. DOI: 10.1039/c1dt11599e
9	Inoki, D., Matsumoto, T., Nakai, H. and Ogo, S. (2012) A mer-Triaqua Rh Complex with a Terpyridine Ligand, CHEMISTRY LETTERS, 41 (1), 116-118. DOI: 10.1246/cl.2012.116
8	Yatabe, T., Karasawa, M., Isobe, K., Ogo, S. and Nakai, H. (2012) A naphthyl-substituted pentamethylcyclopentadienyl ligand and its Sm(II) bent-metallocene complexes with solvent-induced structure change, DALTON TRANSACTIONS, 41 (2), 354-356. DOI: 10.1039/c1dt11844g
7	Ando, T., Nakata, N., Suzuki, K., Matsumoto, T. and Ogo, S. (2012) Ru cyclooctatetraene precursors for MOCVD, DALTON TRANSACTIONS, 41 (6), 1678-1682. DOI: 10.1039/c1dt11454a
6	Ibrahim, S.M., Nakajima, H., Ohta, T., Ramanathan, K., Takatani, N., Naruta, Y. and Watanabe, Y. (2011) Cytochrome C-552 from <i>Thermus thermophilus</i> Engineered for Facile Substitution of Prosthetic Group, BIOCHEMISTRY, 50 (45), 9826-9835. DOI: 10.1021/bi201048e
5	Ichinose, M., Suematsu, H., Yasutomi, Y., Nishioka, Y., Uchida, T. and Katsuki, T. (2011) Enantioselective Intramolecular Benzylic C-H Bond Amination: Efficient Synthesis of Optically Active Benzosultams, ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, 50 (42), 9884-9887. DOI: 10.1002/anie.201101801
4	Matsumoto, T., Kabe, R., Nonaka, K., Ando, T., Yoon, K.-S., Nakai, H. and Ogo, S. (2011) Model Study of CO Inhibition of [NiFe]hydrogenase, INORGANIC CHEMISTRY, 50 (18), 8902-8906. DOI: 10.1021/ic200965t
3	Kunisu, T., Oguma, T. and Katsuki, T. (2011) Aerobic oxidative kinetic resolution of secondary alcohols with naphthoxide-bound iron(salan) complex, JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 133 (33), 12937-12939. DOI: 10.1021/ja204426s
2	Robertson, A., Matsumoto, T. and Ogo, S. (2011) The development of aqueous transfer hydrogenation catalysts, DALTON TRANSACTIONS, 40 (40), 10304-10310. DOI: 10.1039/c1dt10544b
1	Matsumoto, K., Feng, C., Handa, S., Oguma, T. and Katsuki, T. (2011) Asymmetric epoxidation of (Z)-enol esters catalyzed by titanium(salalen) complex with aqueous hydrogen peroxide, TETRAHEDRON, 67 (35), 6474-6478. DOI: 10.1016/j.tet.2011.06.022