

2015 年

講演タイトル	発表者名	講演会名
Selective hydrogenation of benzyl cyanide to 2-phenylethylamine over a Pd/Al <sub>2</sub> O <sub>3</sub> catalyst promoted by synergistic effects of CO <sub>2</sub> and water	A. Bhosale, H. Yoshida, S. Fujita, M. Arai	Green Chem. 172, 1299-1307, 2015.
Nitrogen-doped Metal-free Activated Carbon Catalysts for Aerobic Oxidation of Alcohols	H. Watanabe, S. Asano, S. Fujita, H. Yoshida, M. Arai	ACS Catal. 5, 2886-2894, 2015.
Preparation of nitrogen-doped carbon from polyacrylonitrile and its use as a solid base catalyst	S. Fujita, A. Katagiri, H. Watanabe, S. Asano, H. Yoshida, M. Arai	ChemCatChem 7, 2965-2970, 2015.
Solvent effects in heterogeneous selective hydrogenation of acetophenone: Difference between Rh/C and Rh/Al <sub>2</sub> O <sub>3</sub> catalysts and superiority of water as a green functional solvent	H. Yoshida, Y. Onodera, S. Fujita, H. Kawamori, M. Arai	Green Chem. 172, 1877-1883, 2015.
The effect of impurity concentration and Cr content on the passive oxide films in ferritic stainless steels.	Toshiaki Ohtsuka , Masatoshi Abe, and Tomohiro Ishii	J. Electrochemical Soc., 162 (10) (2015) C528-535