

研究業績

遠藤 健司

I. 学術論文(レフェリーつき)

1. Takeshi Endo, Tomokazu Yoshimura, Kunio Esumi, “Voltammetric study of sodium hypochlorite using dendrimer-stabilized gold nanoparticles”, Journal of Colloid and Interface Science (2004), 269(2), 364-369.
2. Takeshi Endo, Tomokazu Yoshimura, Kunio Esumi, “Synthesis and catalytic activity of gold-silver binary nanoparticles stabilized by PAMAM dendrimer”, Journal of Colloid and Interface Science (2005), 286(2), 602-609.
3. Takeshi Endo, Kunio Esumi, “Preparation and catalytic activities of noble metal binary particle dendrimer nanocomposites”, Journal of the Japan Society of Colour Materials (2005), 78(4), 185-190.
4. Takeshi Endo, Takehito Kuno, Tomokazu Yoshimura, Kunio Esumi, “Preparation and catalytic activity of Au-Pd, Au-Pt, and Pt-Pd binary metal dendrimer nanocomposites”, Journal of Nanoscience and Nanotechnology, (2005), 5(11), 1875-1882.
5. Takeshi Endo, Takae Fukunaga, Tomokazu Yoshimura, Kunio Esumi, “Scavenging DPPH radicals catalyzed by binary noble metal-dendrimer nanocomposites”, Journal of Colloid and Interface Science (2006), 302(2), 516-521
6. Subhra Jana, Sujit Kumar Ghosh, Sudip Nath, Surojit Pande, Snigdhamayee Praharaj, Sudipa Panigrahi, Soumen Basu, Takeshi Endo, Tarasankar Pal, “Synthesis of silver nanoshell-coated cationic polystyrene beads: A solid phase catalyst for the reduction of 4-nitrophenol”, Applied Catalysis, A: General, (2006), 313(1), 41-48

7. Liwei Lin, Yong Sheng Han, Masayoshi Fuji, Takeshi Endo, Hideo Watanabe, Minoru Takahashi, "A facile method to synthesize ZnO tubes by involving ammonia bubbles", Ceramics Transactions (accepted)
8. Yong Sheng Han, Li Wei Lin, Masayoshi Fuji, Takeshi Endo, Hideo Watanabe, Minoru Takahashi, "Effect of surfactants on the formation of hollow CaCO₃ particle by bubble template method", Ceramics Transactions (accepted)
9. Ruben L. Menchavez, Masayoshi Fujia, Tomohiro Yamakawa, Takeshi Endo, and Minoru Takahashi, Materials Science Forum Vols. 561-565 (2007) pp. 2123-2126

II. 論文(レフェリーなし)
なし

III. 研究報告等
なし

IV. 論説、展望、解説等

総説：貴金属バイメタル粒子・デンドリマーナノ複合体の調製とその触媒活性、
色材協会誌、**78(4)**、85-90、遠藤健司、江角邦男

V. 訳書、著書
なし

VI. その他

特許

特願 2007-59504 (高橋実、藤正督、遠藤健司、韓永生、渡辺秀夫、
王小偉)