Nanomaterials

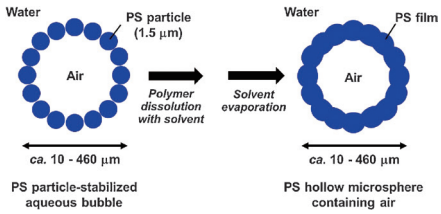
Hollow Microspheres; Aqueous Bubbles with Latex Particles | OPEN Editor's Choice | doi:10.1246/cl.150161

S. Fujii

Hollow Microspheres Fabricated from Aqueous Bubbles Stabilized with Latex Particles

Saori Nakayama, Kenta Fukuhara, Yoshinobu Nakamura, and Syuji Fujii*

Chem. Lett. **2015**, *44*, 773–775



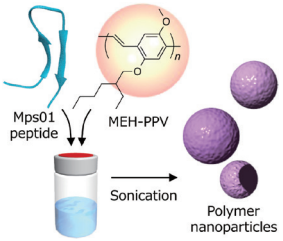
Polymer Nanoparticles; Polymer-binding Peptides | OPEN Editor's Choice | doi:10.1246/cl.150215

T. Serizawa

Polymer-binding Peptides as Dispersants for the Preparation of Polymer Nanoparticles: Application of Peptides to Structurally Similar Non-target Polymers

Toshiki Sawada, Kisei Matsumiya, and Takeshi Serizawa*

Chem. Lett. **2015**, *44*, 831–833



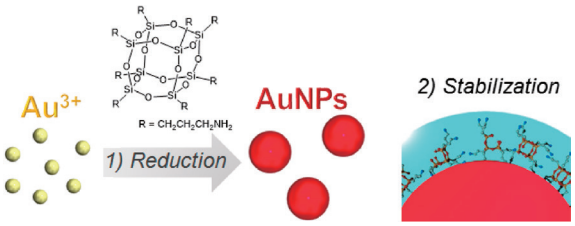
Au Nanoparticles with POSS; pH-Responsive Au Nanoparticles | Selected Paper | doi:10.1246/bcsj.20150009

K. Naka

Spontaneous Formation of Gold Nanoparticles with Octa(3-aminopropyl) Polyhedral Oligomeric Silsesquioxane

Hiroaki Imoto, Katsuya Ishida, Ai Sasaki, Yasuyuki Irie, Hideaki Ito, Kensuke Naka,* and Yoshiki Chujo

Bull. Chem. Soc. Jpn. **2015**, *88*, 653-656



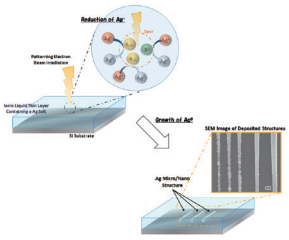
Ag Micropatterning; Ionic Liquid | OPEN Editor's Choice | doi:10.1246/cl.141037

H. Minamimoto

Fine Patterning of Silver Metal by Electron Beam Irradiation onto Room-temperature Ionic Liquid

Hiro Minamimoto, Haruyasu Irie, Taro Uematsu, Tetsuya Tsuda, Akihito Imanishi, Shu Seki, and Susumu Kuwabata*

Chem. Lett. **2015**, *44*, 312-314

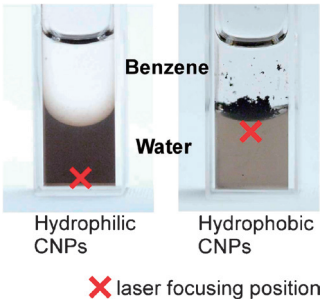


Carbon Nanoparticles; Femtosecond Laser Irradiation | OPEN BCSJ Award Article | doi:10.1246/bcsj.20140247


T. Yatsuhashi

Synthesis of Hydrophilic and Hydrophobic Carbon Nanoparticles from Benzene/Water Bilayer Solution with Femtosecond Laser Generated Plasma Filaments in Water

Tomoyuki Hamaguchi, Takuya Okamoto, Koji Mitamura, Kimihiro Matsukawa, and Tomoyuki Yatsuhashi*
Bull. Chem. Soc. Jpn. **2015**, *88*, 251-261

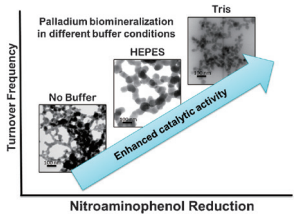


Pd Nanomaterials; Biomineralization | OPEN Editor's Choice | doi:10.1246/cl.140405


K. Sakaguchi

Effects of Buffer on the Structure and Catalytic Activity of Palladium Nanomaterials Formed by Biomineralization

Jose Isagani B. Janairo and Kazuyasu Sakaguchi*
Chem. Lett. **2014**, *43*, 1315-1317

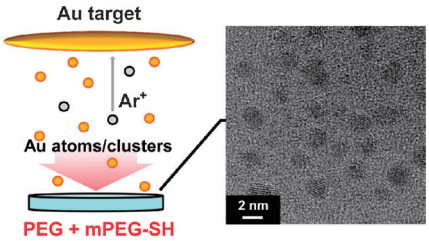


Au Nanoparticles; Sputter Deposition | Selected Paper | doi:10.1246/bcsj.20140023

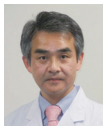

Y. Hatakeyama

Effect of Adding a Thiol Stabilizer on Synthesis of Au Nanoparticles by Sputter Deposition onto Poly(ethylene glycol)

Yoshikiyo Hatakeyama, Jun-ichi Kato, Tomohiro Mukai, Ken Judai, and Keiko Nishikawa*
Bull. Chem. Soc. Jpn. **2014**, *87*, 773-779

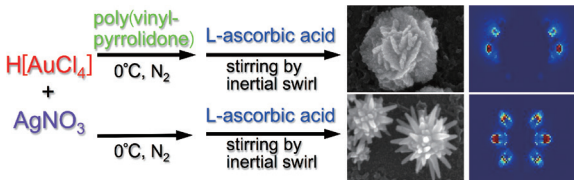


Ag–Au Nanoparticles; Morphological Switch | Selected Paper | doi:10.1246/bcsj.20140043


A. Ishida

Synthesis and Optical Properties of Flower- and Spiky-Ball-Like Silver–Gold Nanoparticles

Keisuke Kumagai and Akito Ishida*
Bull. Chem. Soc. Jpn. **2014**, *87*, 780-791

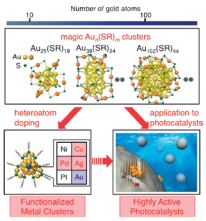


Au Clusters; Photocatalytic Nanoclusters | OPEN Award Accounts | doi:10.1246/bcsj.20130288


Y. Negishi

Toward the Creation of Functionalized Metal Nanoclusters and Highly Active Photocatalytic Materials Using Thiolate-Protected Magic Gold Clusters

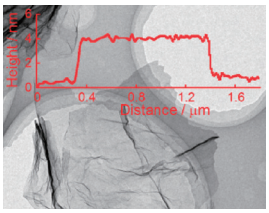
Yuichi Negishi
Bull. Chem. Soc. Jpn. **2014**, *87*, 375-389

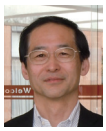



S. Takenaka

Bottom-up Synthesis of Titania and Zirconia Nanosheets and Their Composites with Graphene

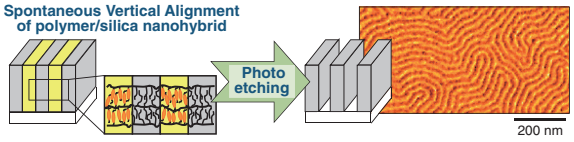
Sakae Takenaka,* Shunsuke Uwai, Shintaro Ida, Hideki Matsune, and Masahiro Kishida
Chem. Lett. **2013**, *42*, 1188-1190




T. Seki

Spontaneous Formation of Vertically Aligned Lamellae in Thin Films of Block Copolymer–Silica Hybrid Material

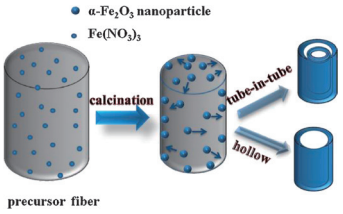
Mitsuo Hara, Shusaku Nagano, and Takahiro Seki*
Bull. Chem. Soc. Jpn. **2013**, *86*, 1151-1157




Z. Xu

Controllable Synthesis of Porous α-Fe_2O_3 Microtube and Tube-in-tube by Non-coaxial Electrospinning

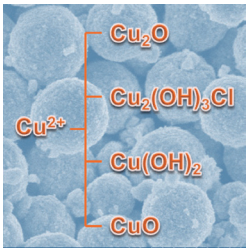
Leiming Lang and Zheng Xu*
Chem. Lett. **2013**, *42*, 750-752




Y. Oaki

A Microbial-Mineralization-Inspired Approach for Systematic Syntheses of Copper Oxides with Controlled Morphologies in an Aqueous Solution at Room Temperature

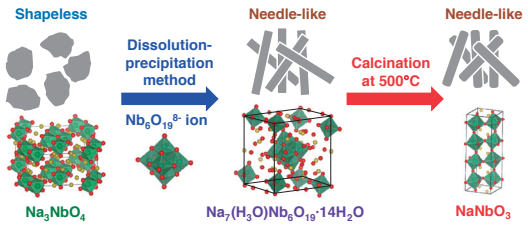
Yuya Oaki,* Tatsuya Ikeda, and Hiroaki Imai*
Bull. Chem. Soc. Jpn. **2013**, *86*, 821-828




S. Yamazoe

Needle-like $NaNbO_3$ Synthesis via $Nb_6O_{19}^{8-}$ Cluster Using Na_3NbO_4 Precursor by Dissolution–Precipitation Method

Seiji Yamazoe,* Kengo Shibata, Kazuo Kato, and Takahiro Wada
Chem. Lett. **2013**, *42*, 380-382

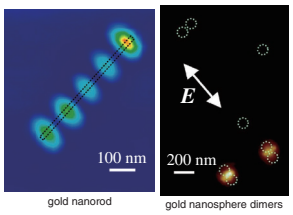


Nanooptical Studies; Noble Metal Nanostructures | OPEN Award Accounts doi:10.1246/bcsj.20120268


H. Okamoto

Nanooptical Studies on Physical and Chemical Characteristics of Noble Metal Nanostructures

Hiromi Okamoto
Bull. Chem. Soc. Jpn. **2013**, *86*, 397-413

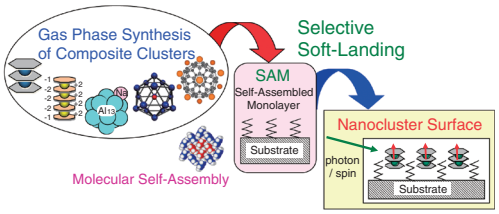


Composite Nanoclusters; Size-specific Electronic Properties | OPEN Award Accounts doi:10.1246/bcsj.20120298


A. Nakajima

Study on Electronic Properties of Composite Clusters toward Nanoscale Functional Advanced Materials

Atsushi Nakajima
Bull. Chem. Soc. Jpn. **2013**, *86*, 414-437



Rh Nanoparticles; Hydrogen Storage | OPEN Editor's Choice doi:10.1246/cl.2013.55


H. Kitagawa

Changeover of the Thermodynamic Behavior for Hydrogen Storage in Rh with Increasing Nanoparticle Size

Kohei Kusada, Hirokazu Kobayashi, Ryuichi Ikeda, Hitoshi Morita, and Hiroshi Kitagawa*
Chem. Lett. **2013**, *42*, 55-56

Plasmonic Photoelectrochemistry; Ag Nanoparticles | OPEN Award Accounts doi:10.1246/bcsj.20120256


T. Tatsuma

Plasmonic Photoelectrochemistry: Functional Materials Based on Photoinduced Reversible Redox Reactions of Metal Nanoparticles

Tetsu Tatsuma
Bull. Chem. Soc. Jpn. **2013**, *86*, 1-9