Nanocarbons

Prism Carbons; GRRM Strategy  Editor's Choice

A Prism Carbon Molecule C_{20}

Koichi Ohno, Hiroko Satoh, and Takeaki Iwamoto

Chem. Lett. 2015, 44, 712-714

A new carbon family with a polygon prism structure, which looks like a hamster wheel.

Fullerene Microsheets; Microfluidic Techniques  Editor's Choice

Synchronized Self-assembly of a Fullerene Derivative Passing through a Programmable Microflow Field

Munenori Numata, Tomohiro Kozawa, Takuya Nakadozono, Yusuke Sanada, and Kazuo Sakurai

Chem. Lett. 2015, 44, 577-579

DNA-binding Fullerene; Click Chemistry  Editor's Choice

DNA Binding of Pentaamino[60]fullerene Synthesized Using Click Chemistry

Hirohisa Nitta, Kosuke Minami, Koji Harano, and Eiichi Nakamura

Chem. Lett. 2015, 44, 378-380

Metallofullerenes; Carbon Nanotubes  Award Accounts

Emergence of Highly Elaborated π-Space and Extending Its Functionality Based on Nanocarbons: New Vistas in the Fullerene World

Michio Yamada and Takeshi Akasaka


SWNT/Latex Polymer Composites; Electroconductivity  Selected Paper

Latex Polymer/Super Growth-Single-Walled Carbon Nanotube Composites with High Electroconductivity Fabricated by Wet Processing

Masahiro Shigeta, Tomoko Endo, Yui Kondo, Mitsugu Uejima, Susumu Okada, Kenji Kaneko, and Naotoshi Nakashima


doi:10.1246/cl.150120

doi:10.1246/cl.141186

doi:10.1246/cl.141092

doi:10.1246/bcsj.20140295

doi:10.1246/bcsj.20140248

Photocrosslinking of the Exterior of a Fullerene Bilayer that Prevents Vesicle Aggregation

Koji Harano,* Akimitsu Narita, and Eiichi Nakamura*
Chem. Lett. 2014, 43, 877-879

Syntheses and Properties of Buckybowls Bearing Electron-withdrawing Groups

Bernd M. Schmidt and Dieter Lentz*
Chem. Lett. 2014, 43, 171-177

Large Pseudocapacitance in Quinone-Functionalized Zeolite-Templated Carbon

Hiroyuki Itoi, Hirotomo Nishihara,* Takafumi Ishii, Khanin Nueangnoraj, Raúl Berenguer-Betrián, and Takashi Kyotani

Aqueous Dispersion of Carbon Nanotubes Using Self-aggregating Peptides

Dukeun Kim, Toshiki Sawada, and Takeshi Serizawa*
Chem. Lett. 2014, 43, 102-104

Photocrosslinking of Fullerene Vesicles that Prevents Phase Transition and Decreases Water Permeation

Koji Harano, Akimitsu Narita, and Eiichi Nakamura*
Chem. Lett. 2013, 42, 1176-1178
Selective Synthesis of [6]-, [8]-, and [10]Cycloparaphenylenes

Eiichi Kayahara, Takahiro Iwamoto, Toshiyasu Suzuki, and Shigeru Yamago*
Chem. Lett. 2013, 42, 621-623

Stability of Graphene Oxide Film to Electron Beam Irradiation and Possible Thickness Dependence of Electron Attenuation

Tatsuya Sugimoto and Keisaku Kimura*

Electrical Properties of Amorphous Carbon Semiconductor Prepared Using a Naphthalene Precursor

Yasunori Inoue, Mayo Sugano, Shunsuke Kawakami, Masaaki Kitano, Kiyotaka Nakajima, Hideki Kato, and Michikazu Hara*