

Preface

Miscellaneous Thoughts

(Department of Applied Chemistry, Kyushu University)

Sunao YAMADA 106

Reviews

Artificial Photosynthesis System for Fuelization of Carbon Dioxide

(Faculty of Engineering, Oita University / JST PREST)

Yutaka AMAO 107

Circularly Polarized Luminescent Supramolecular / Polymer Materials

(Graduate School of Materials Science, Nara Institute of Science and Technology / JST-PRESTO)

Masanobu NAITO 114

Recent advances in super-resolution fluorescence microscopy

(Graduate School of Science and Engineering, Yamagata University; JST-PRESTO)

Jun-ichi Hotta

(Department of Chemistry, Katholieke Universiteit Leuven)

Hideaki Mizuno, Wouter Sempels, Johan Hofkens 121

Topics

Photocurrent enhancement from dye molecules by using regularly arrayed gold nanostructures

(College of Science and Technology, Nihon University)

Kosuke SUGAWA 129

Fabrication and characterization of diarylethene nanocrystals

(Graduate School of Science and Engineering, Yamagata University)

Akito MASUHARA

(Institute of Multidisciplinary Research for Advanced Materials, Tohoku University)

Norio TAGAWA, Hidetoshi OIKAWA 133

Reports 138

Essay 142

Circulars 145

Announcements 146