

□ ■ Preface ■ □

Photochemistry in the era of light (Hokkaido University) Hiroaki MISAWA 65

□ ■ Reviews ■ □

Excited state dynamics of thio- and aza-substituted DNA/RNA bases/nucleosides and their applications
(Tokyo Institute of Technology) Tadashi SUZUKI 66

Light-driven molecular-crystal actuators

(Niihama National College of Technology, Osaka City University, Rikkyo University)

Shizuka TAKAMI, Seiya KOBATAKE and Masahiro IRIE 72

Single molecular tracking at metallic nano-gate

(Hokkaido University) Hideki NABIKA, Baku TAKIMOTO and Kei MURAKOSHI 78

Nonlinear optical properties and single particle spectroscopy of CdTe quantum dots

(Kansei Gakuin University, Jilin University) Yoichi KOBAYASHI, Naoto TAMAI and Lingyun PAN 85

Photoreactions in microchannel reactors (Tokyo Institute of Technology) Yoshihisa MATSUSHITA 93

Exciplex formation at organic/organic interfaces in organic light emitting diodes

(Tosoh Corporation, Kyushu University)

Naoki MATSUMOTO, Masakazu NISHIYAMA and Chihaya ADACHI 102

□ ■ Topics ■ □

W-band high frequency EPR studies on the excited states (Tohoku University) Seigo YAMAUCHI 109

Self-assembly of amphiphilic diarylethene derivatives in aqueous solution: photo-induced switching
of the chiral environment of supramolecular structures and photo-induced LCST transition

(Kyushu University) Takashi HIROSE and Kenji MATSUDA 113

Syntheses of cadmium chalcogenide semiconductor nanoparticles

(University of Tsukuba) Masayuki KANEHARA and Toshiharu TERANISHI 118

Looking into the physics of organic field effect transistors through light emission

(Osaka University) Ryo YAMADA and Hirokazu TADA 121

□ ■ Trend ■ □

Electrochemiluminescent cells based on zeolite nanohybrids

(Tokyo Institute of Technology) Dai MOCHIZUKI 125

□ ■ Eulogy ■ □

In memory of Prof. Hiroyasu Sato

(Kyoto University) Masahiro KAWASAKI 127

□ ■ Record ■ □

Introduction of awardees of the Japanese Photochemistry Association in 2007 129

□ ■ Report ■ □

..... 134

□ ■ Circulars ■ □

Annual Meeting on Photochemistry 2008 Program

..... 137

□ ■ Announcement ■ □

..... 157