

□ ■ Preface ■ □

(Gunma University) Hiroshi HIRATSUKA 1

□ ■ Special Feature Commemorating the Awarding of the 11th Porter Medal to
Professor Hiroshi Masuhara ■ □

Celebrating the Work of Professor Hiroshi Masuhara, Laureate of 11th Porter Medal 2

From Laser Photolysis to Expanding Photochemistry

(Hamano Life Science Research Foundation) Hiroshi MASUHARA 3

Professor Hiroshi Masuhara, the Person and His Work 5

□ ■ Photochemistry Reviews ■ □

Luminescent Platinum Complexes Having Sensing Functionalities

(Hokkaido University) Masako KATO 19

Nano-Structural Control of Core-Shell Particles Using a Photochemical Method and Their
Application to Photofunctional Materials

(Nagoya University) Tsukasa TORIMOTO, (Hokkaido University) Bunsho OHTANI 25

Developments of Studies on the Reaction Mechanism of *Vargula(Cypidinia)* and *Aequorea*

Bioluminescence (The University of Electro-Communications) Takashi HIRANO 33

□ ■ Topic in Photochemistry ■ □

Mechanoluminescent Microparticles (Kinki University) Hirofumi KAWAZUMI 41

Multifunctional Photo X Generators (Chiba University) Shigeru TAKAHARA 44

Photochromic Gels (Nagoya University) Yukikazu TAKEOKA 48

Optical Transduction of Enzyme Reactions with Polyarginine-Counteraction Complexes in Lipid

Bilayers (Ryukoku University) Tomohiro MIYATAKE 52

□ ■ Conference Reports ■ □

(The University of Tokyo) Takaya KUBO 56

(Osaka University) Takehiko WADA, Yoshihisa INOUE 57

□ ■ Invitation to Upcoming Conference ■ □ 59

□ ■ Announcements ■ □ 76