

Preface

Photochemistry for a Decarbonized Society

(Executive Director, The Japanese Photochemistry Association;

Graduate Course of Urban Environmental Sciences, Tokyo Metropolitan University)

Shinsuke TAKAGI45

Reviews

Photochemical Reactions in Highly Excited States in Condensed Phase

(Graduate School of Engineering Science, Osaka University)

Hiroshi MIYASAKA, Hikaru SOTOME46

Development of Photocatalytic CO₂ Reduction Reactions Using Nickel Complexes as Catalysts

(Department of Chemistry, Faculty of Pure and Applied Sciences, University of Tsukuba)

Hiroaki KOTANI, Takahiko KOJIMA.....54

POCT / Digital Health – Oriented Biosensors Using Light

(¹Department of Computer Science, Hiroshima Institute of Technology,

²Department of Applied Physics, Osaka University, ³AIST PhotoBIO-OIL, ⁴SANKEN, Osaka University)

Hiroyuki YOSHIKAWA¹, Masato SAITO^{2,3}, Eiichi TAMIYA^{3,4}60

Photophysics of Thiolate-Protected Noble Metal Clusters: Current Understanding and Applications

(Department of Chemistry, College of Science, Rikkyo University)

Yoshiki NIIHORI, Masaaki MITSUI.....67

Topics

Magnetic Circularly Polarized Luminescence (MCPL) by Applying an External Magnetic Field

(Department of Applied Chemistry, Faculty of Science and Engineering, Kindai University)

Yoshitane IMAI.....75

Materials Development for Organic Photovoltaic Devices with High Stability and Reproducibility

(Department of Applied Chemistry, Graduate School of Engineering, University of Hyogo)

Tomokazu UMEYAMA.....79

Construction of a Transient Absorption Spectrophotometer Based on the RIPT Method

(Unisoku Co., Ltd.)

Tatsuo NAKAGAWA83

Essay

.....87

Reports

.....89

Circulars

.....92

Announcements

.....120