PHOTOCHEMISTRY

Vol. 40, No. 2 (2009)

Preface
Science versus Craftwork
(Department of Chemistry, Graduate School of Science, Kyoto University)Atsuhiro OSUKA77
Reviews
Photoexcited processes on metal surfaces —from gas/solid to liquid/solid interfaces—
(Catalysis Research Center, Hokkaido University)Akira YAMAKATA, Masatoshi OSAWA78
Topics
Photoinduced material transport of photochromic compounds
(Graduate School of Engineering, Yokohama National University)Takashi UBUKATA85
Selective metal vapor deposition on photochromic diarylethene surfaces
(Department of Arts and Sciences, Fuculty of Education, Osaka Kyoiku University) Tsuyoshi TSUJIOKA89
Current technological and industrial advancements in dye-sensitized photovoltaic conversion
(Toin University of Yokohama, Graduate School of Engineering)
Tsutomu MIYASAKA, Masashi IKEGAMI94
Control of chirality by spontaneous crystallization and asymmetric photochemical reaction in fluid media
(Department of Applied Chemistry and Biotechnology, Graduate School of Engineering, Chiba University)
Masami SAKAMOTO 101
Unique Photochemical Behavior of Clay – Dye Complexes
(Graduate Course of Urban Environmental Sciences, Tokyo Metropolitan University, PRESTO/JST)
Shinsuke TAKAGI
(Graduate Course of Urban Environmental Sciences, Tokyo Metropolitan University)Haruo INOUE 105
Photochemical dynamics measured by the near-field heterodyne transient grating method
(Department of Applied Chemistry, Chuo Univeristy) Kenji KATAYAMA 110
Photodecomposition of organic monolayer films on well-defined photocatalyst surfaces
(Materials and Structures Laboratory, Tokyo Institute of Technology) Yuji MATSUMOTO 114
Chemistry of Photo-Hydrogen-Evolving Molecular Devices
(Department of Chemistry, Faculty of Science, Kyushu University)
Shigeyuki MASAOKA, Masayuki KOBAYASHI, Ken SAKAI 118
Trendo
Graduate School of Education, Hiroshima University
(Graduate School of Education, Hiroshima University) Kiichi AMIMOTO 122
Circulars 124
Announcements