
CONTENTS

INHALT

SOMMAIRE

Photochemistry

EDITORIAL

612 *Eric Vauthey*

- 613 Single-Molecule Luminescence Spectroscopy Induced by Local Electron Tunneling
P. Brodard
- 617 Ultrafast Excited-State Dynamics in Biological Environments
*A. Fürstenberg, E. Vauthey**
- 621 Dual Luminescence and Long-Lived Charge-Separated States in Donor-Acceptor Assemblies Based on Tetrathiafulvalene-Fused Ruthenium(II)-Polypyridine Complexes
*C. Leiggener, N. Dupont, S.-X. Liu, C. Goze, S. Decurtins, E. Breitler, A. Hauser**
- 626 Nanochannels for Supramolecular Organisation of Dyes
A. Devaux, K. Lutkouskaya, G. Calzaferri, L.-Q. Dieu, D. Brühwiler, L. De Cola, T. Torres*
- 631 Dynamics of Photoinduced Interfacial Electron Transfer and Charge Transport in Dye-Sensitized Mesoscopic Semiconductors
*V. K. Thorsmølle, B. Wenger, J. Teuscher, C. Bauer, J.-E. Moser**
- 635 Photoinduced Surface Alignment for Optical Thin Films and Liquid Crystal Displays
P. Studer, T. Bachelis*
- 638 Mechanistic Organic Photochemistry
J. Wirz
- 641 Oxidation of Aquatic Organic Contaminants Induced by Excited Triplet States
S. Canonica
- 645 Photochemistry of Reactive Intermediates
T. Bally
- 650 Clean and Easy Photochemistry
*C.-L. Cian, C. G. Bochet**
- 655 Photolabile Tertiary Amines – A New Technology Platform for Radiation Curing
K. Dietliker, T. Jung, K. Studer, J. Benkhoff*
- 661 Controlled Light-Induced Release of Volatile Aldehydes and Ketones by Photofragmentation of 2-Oxo-(2-phenyl)acetates
*B. Levrard, A. Herrmann**
- 665 Applied Photochemistry – Light Controlled Perfume Release
S. Derrer, F. Flachsmann, C. Plessis, M. Stang*
-

SWISS SCIENCE CONCENTRATES

- 670 Prepared by
M. Austeri, D. Linder, N. Mehanna, R. Novikov, F. Torricelli, J. Lacour

HIGHLIGHTS OF ANALYTICAL CHEMISTRY IN SWITZERLAND

- 671 Metabolic Profiling in Pharmaceutical Drug Discovery – Robust and Automated Analysis of Metabonomic Data Sets
G. Schlotterbeck, F. Dieterle, A. Ross, H. Senn*

FH-HES

- 672 Continuous Process Engineering with Microreactors: A Complementary Method in Fribourg
O. Naef

SCG/SSC/SCS

- 675 Events 2008
676 DAC Division Analytical Chemistry

INFORMATION

- 678 Honors – Ehrungen
678 News
678 Congresses – Conferences – Workshops
679 Lectures

CHIMIA-REPORT

- 682 Markt, Apparate, Chemikalien und Dienstleistungen