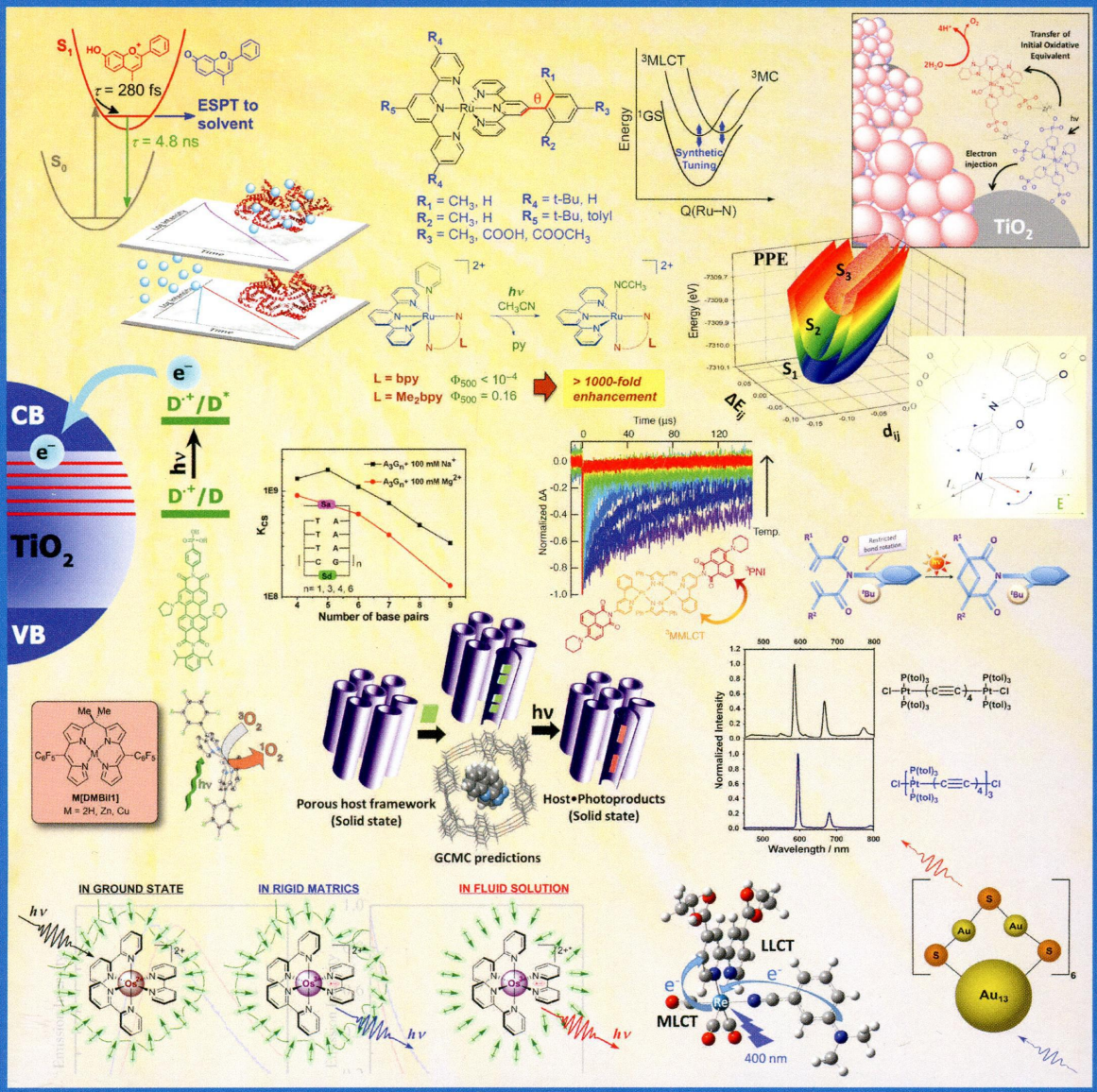
NOVEMBER 13, 2014
VOLUME 118
NUMBER 45
pubs.acs.org/JPCA

THE JOURNAL OF PHYSICAL CHEMISTRY A



CURRENT TOPICS IN PHOTOCHEMISTRY

Use of Photochemistry and Photophysics of Molecules and Materials for Numerous Applications (see page 5A)

ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY, GEOCHEMISTRY, AND ASTROCHEMISTRY; THEORY

THE JOURNAL OF PHYSICAL CHEMISTRY A

NOVEMBER 13, 2014
VOLUME 118 ISSUE 45

JPCAFH 118(45) 10299−10866 (2014)
ISSN 1089-5639

ON THE COVER: A collage of images from articles in this Special Issue (starting in the top left, from left to right and top to bottom): Quina et al. (DOI: 10.1021/jp504189m); Damrauer et al. (DOI: 10.1021/jp508145w); Papanikolas et al. (DOI: 10.1021/jp411139j); Martí et al. (DOI: 10.1021/jp502837a); Turro et al. (DOI: 10.1021/jp5057732); Tretiak et al. (DOI: 10.1021/jp503350k); Aramendia et al. (DOI: 10.1021/jp500272y); Moore et al. (DOI: 10.1021/jp506284q); Wasielewski, Lewis et al. (DOI: 10.1021/jp502974s); Castellano et al. (DOI: 10.1021/jp503827e); Sivaguru et al. (DOI: 10.1021/jp505678b); Rosenthal et al. (DOI: 10.1021/jp506412r); Shimizu et al. (DOI: 10.1021/jp505304n); Schanze et al. (DOI: 10.1021/jp5021388); Meyer et al. (DOI: 10.1021/jp5019873); Schmehl, Beratan, Rubtsov et al. (DOI: 10.1021/jp5039877); and Knappenberger et al. (DOI: 10.1021/jp505913j). This special issue was organized by Guest Editor Claudia Turro.

SPECIAL SECTION: CURRENT TOPICS IN PHOTOCHEMISTRY

Guest Editor: Claudia Turro

Special Issue Preface

Articles

Articles

Kinetics and Dynamics

Spectroscopy, Photochemistry, and Excited States

Environmental and Atmospheric Chemistry, Aerosol Processes, Geochemistry, and Astrochemistry

Molecular Structure, Quantum Chemistry, and General Theory

Ⓢ Supporting Information available via online article