

# JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A: CHEMISTRY

## Asian Editor

H. Masuhara (*Osaka, Japan*)

## Associate Editor to Asian Editor

K. Hashimoto (*Tokyo, Japan*)

## European Editor

M.M. Martin (*Paris, France*)

## North American Editor

R. Schmehl (*New Orleans, LA, USA*)

## Founding Editor

R.P. Wayne (*Oxford, UK*)

## Editorial Board

A.U. Acuna (*Madrid, Spain*)

N.S. Allen (*Manchester, UK*)

P.F. Barbara (*Austin, TX, USA*)

F. Catalina (*Madrid, Spain*)

S.M.B. Costa (*Lisbon, Portugal*)

S. Das (*Trivandrum, India*)

J. Delaire (*Cachan, France*)

J.-P. Desvergne (*Talence, France*)

A. Douhal (*Toledo, Spain*)

H. Fukumura (*Sendai, Japan*)

K. Ghiggino (*Melbourne, Australia*)

D. Guldi (*Erlangen, Germany*)

J.L. Herek (*Amsterdam, The Netherlands*)

C.E. Hoyle (*Hattiesburg, MS, USA*)

D. Husain (*Cambridge, UK*)

K.C. Hwang (*Taiwan, Republic of China*)

H. Inoue (*Tokyo, Japan*)

M. Irie (*Fukuoka, Japan*)

J. Karpiuk (*Warszawa, Poland*)

H. Lemmetyinen (*Tampere, Finland*)

Y. Li (*Beijing, China*)

B. Marciniak (*Poznań, Poland*)

U. Mazzucato (*Perugia, Italy*)

T.J. Meyer (*Los Alamos, NM, USA*)

A. Mills (*Glasgow, UK*)

J.P. Mittal (*Mumbai, India*)

K. Mizuno (*Osaka, Japan*)

D.C. Neckers (*Bowling Green, OH, USA*)

B. Ohtani (*Sapporo, Japan*)

J.C. Polanyi (*Toronto, Ont., Canada*)

V. Ramamurthy (*New Orleans, LA, USA*)

I. Saito (*Koriyama, Japan*)

M. Sauer (*Bielefeld, Germany*)

J.C. Scaiano (*Ottawa, Ont., Canada*)

R.P. Steer (*Saskatoon, Sask., Canada*)

V. Sundström (*Lund, Sweden*)

C.H. Tung (*Beijing, China*)

N.J. Turro (*New York, NY, USA*)

B. Valeur (*Paris, France*)

K.-D. Warzecha (*Köln, Germany*)

M. Wasielewski (*Evanston, IL, USA*)

V.W.W. Yam (*Hong Kong, PR China*)

G. Yang (*Beijing, China*)

M. Yoon (*Daejeon, Korea*)

## Aims & Scope

JPPA publishes Short Notes, Regular Articles and Invited Papers on chemical phenomena induced by interactions between light and molecules/matter, of all kinds. Short Notes are 2-page papers with relevant new result, data or technical reports that are urgent and important to the photochemistry community. Regular Articles allow for a complete overview of research results. Specialist researchers will be occasionally invited by Editors to write a more comprehensive Invited Paper. Invited Papers are intended to present an overview of the author's recent work in relation to other published research in their field of research. Invited papers are not intended to be comprehensive overview of a particular sub-discipline. Organic, inorganic, biological, macromolecular, supramolecular integrated systems; semiconductor and metallic systems are all included, and the widest range of photochemistry disciplines is covered.

The scope includes studies of a broad range of processes in photochemistry such as energy, electron and proton transfer; quantum yield determinations and measurements of rate constants for primary and secondary photochemical processes; studies on steady-state and time-resolved emission; absorption and scattering spectroscopy applied to photochemistry; mechanistic investigation of photochemical reaction; and identification of the products of photochemical reactions.

Topical areas covered by the journal include fundamental studies of condensed phase, gas phase and atmospheric photochemistry, synchrotron radiation chemistry and spin effects on photochemical processes. Reports on emerging areas like: solar energy conversion, environmental remediation, and related photocatalytic reactions are also welcome. In addition investigations of molecules in intense laser fields such as reactive intermediates; nonlinear photochemical behaviour; and ultra-fast relaxation (femtosecond laser research applied to photochemistry) are published. Furthermore, reports of studies employing microscopy in spectroscopy and photochemistry; single-molecule photochemistry and spectroscopy; nano-scale photochemical phenomena and laser micro/nano-processing are welcome as long as the work contributes not only to photochemical applications but also to a basic understanding of molecular characteristics. JPPA also welcomes manuscripts on timeresolved X-Ray diffraction for probing photoinduced structural changes in chemical and biological reactions. Papers relating to polymerization, photodegradation or photostabilization of polymers, chemical aspects of phototherapy and the design of photoreactors will also be considered.

Prospective authors of review articles are kindly advised to consult the Journal of Photochemistry and Photobiology C: Photochemistry Reviews and follow manuscript preparation instructions as described at <http://www.elsevier.com/locate/jphotochemrev>.

## Frequency

Eight volumes per year.

**Publication information:** *Journal of Photochemistry and Photobiology A: Chemistry* (ISSN 1010-6030). For 2006, volumes 176–183 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (<http://www.elsevier.com/locate/jphotochem>). Further information is available on this journal and other Elsevier products through Elsevier's website: (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

## Orders, claims, and journal enquiries:

Please contact the Customer Service Department at the Regional Sales Office nearest you:

### Orlando

Elsevier  
Customer Service Department  
6277 Sea Harbor Drive, Orlando  
FL 32887-4800, USA  
phone: (+1) (877) 8397126  
[toll free number for US customers]  
(or (+1) (407) 3454020  
[customers outside US]  
fax: (+1) (407) 3631354  
e-mail: [usjcs@elsevier.com](mailto:usjcs@elsevier.com)

### Tokyo

Elsevier  
Customer Service Department  
4F Higashi-Azabu  
1-Chome Bldg, 1-9-15 Higashi-Azabu  
Minato-ku, Tokyo 106-0044, Japan  
phone: (+81) (3) 55615037  
fax: (+81) (3) 55615047  
e-mail: [jp.info@elsevier.com](mailto:jp.info@elsevier.com)

### Amsterdam

Elsevier  
Customer Service Department  
PO Box 211, 1000 AE Amsterdam  
The Netherlands  
phone: (+31) (20) 4853757  
fax: (+31) (20) 4853432  
e-mail: [nlinfo-f@elsevier.com](mailto:nlinfo-f@elsevier.com)

### Singapore

Elsevier  
Customer Service Department  
3 Killiney Road  
#08-01 Winsland House I  
Singapore 239519  
phone: (+65) 63490222  
fax: (+65) 67331510  
e-mail: [asiainfo@elsevier.com](mailto:asiainfo@elsevier.com)

[Note (Latin America): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]