

# JOURNAL OF POWER SOURCES

## The International Journal on the Science and Technology of Battery, Fuel Cell and other Electrochemical Systems

### Regional Editor for N. & S. America

C.K. Dyer  
Compact Power Inc.  
16 Seven Oaks Circle,  
Madison, NJ 07940 -1314, USA

### Regional Editor for Asia and the Pacific

D.A.J. Rand  
CSIRO Energy Technology, Gate 1  
Bayview Avenue, Box 312, Clayton South,  
Victoria 3169, Australia

### Regional Editor for Japan & P.R. China

Z. Ogumi  
Innovative Collaboration Center  
Kyoto University  
Nishikyo-ku, Kyoto 615-8520, Japan

### Regional Editor for Europe, Middle East and Africa

B. Scrosati  
Department of Chemistry  
University of Rome 'La Sapienza'  
Piazzale Aldo Moro, 5  
00185 Rome, Italy

### Special Issues Co-ordinating Editor

P.T. Moseley  
International Lead Zinc Research Organization Inc.  
Suite 120, 1822 E. Highway 54  
Durham NC 27713, USA

### Founding Editor

D.H. Collins

### International Advisory Board

A.J. Appleby (College Station, TX, USA)  
M. Armand (Amiens, France)  
R.J. Brodd (Henderson, NV, USA)  
K.R. Bullock (Blue Bell, PA, USA)  
P. Costamagna (Genova, Italy)  
R.M. Dell (Abingdon, UK)  
A. Dicks (Brisbane, Australia)  
S. Fletcher (Leicestershire, UK)  
J. Garche (Ulm, Germany)  
D. Gervasio (Tempe, AZ, USA)  
E.R. Gonzalez (Sao Carlos, SP, Brazil)  
M. Mastragostino (Bologna, Italy)  
T. Osaka (Tokyo, Japan)  
J. Owen (Southampton, UK)  
R. Palacin (Catalonia, Spain)  
D. Pavlov (Sofia, Bulgaria)  
M. Salomon (Little Silver, NJ, USA)  
S. Singhal (Richland, WA, USA)  
Y.-K. Sun (Seoul, South Korea)  
K. Tatsumi (Osaka, Japan)  
F. Walsh (Southampton, UK)  
J.Q. Wang (Tianjin, China)  
M. Winter (Münster, Germany)  
J. Wolfenstine (Adelphi, MD, USA)  
N.-L. Wu (Taipei, Taiwan)  
Y.-Y. Xia (Shanghai, PR China)  
J.I. Yamaki (Fukuoka, Japan)  
K. Zaghib (Varennes, QC, Canada)  
T. Zhao (Kowloon, Hong Kong)

### Aims and Scope

The *Journal of Power Sources* provides an interdisciplinary forum on all aspects of the science, technology and commercialization of primary/secondary batteries and fuel cells, supercapacitors, photo-electrochemical cells, including their applications in:

- Electric Vehicles
- Portable Electronics
- Hybrid Electric Vehicles
- UPS systems
- Stationary Power Systems
- Remote wind- and/or solar-based powering systems
- Satellites and deep space probes.

### Types of Contributions

- Original research papers within the scope of the journal
- State-of-the-art reviews
- Feature articles
- Short communications
- Letters to the Editors
- Conference proceedings (selected papers)

**Publication information:** *Journal of Power Sources* (ISSN 0378-7753). For 2011, volume 196 is 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/jpower>). 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 Product Enquiries (no manuscript enquiries)

Please contact the Elsevier Customer Service Department nearest you:

#### St. Louis

Elsevier  
Customer Service Department  
3251 Riverport Lane  
Maryland Heights, MO 63043, USA  
phone: (877) 8397126  
[toll free within the USA]  
(+1) (314) 4478878 [outside the USA]  
fax: (+1) (314) 4478077  
e-mail: [JournalCustomerService-usa@elsevier.com](mailto:JournalCustomerService-usa@elsevier.com)

#### Oxford

Elsevier  
Customer Service Department  
The Boulevard, Langford Lane  
Kidlington, Oxford OX5 1GB, UK  
phone: (+44) (1865) 843434  
fax: (+44) (1865) 843970  
e-mail: [JournalsCustomerService@elsevier.com](mailto:JournalsCustomerService@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) 5561 5037  
fax: (+81) (3) 5561 5047  
e-mail: [JournalsCustomerServiceJapan@elsevier.com](mailto:JournalsCustomerServiceJapan@elsevier.com)

#### Singapore

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

**USA mailing notice:** *Journal of Power Sources* (ISSN 0378-7753) is published semi-monthly by Elsevier B.V. (P.O. Box 211, 1000 AD Amsterdam, The Netherlands). Annual subscription price in the USA US\$ 4,390 (valid in North, Central and South America), including air speed delivery. Periodical postage paid at Rahway NJ and additional mailing offices.

**USA POSTMASTER:** Send change of address: *Journal of Power Sources*, Elsevier, Elsevier Customer Service Department, 11830 Westline Industrial Drive, St. Louis, MO 63146, USA.

**AIRFREIGHT AND MAILING** in USA by Mercury International Limited, 365, Blair Road, Avenel, NJ 07001.