



Russian Academy of Sciences

## **Mendeleev Communications**

**Editor-in-Chief** Academician O M Nefedov Russian Academy of Sciences, Moscow

## **Editorial Board**

Zanoriai Dou			
I P Beletskaya	Moscow State University, Moscow, RF	V I Minkin	Institute of Physical and Organic Chemistry,
H Berke	Universität Zurich, Zurich, Switzerland		Southern Federal University, Rostov-on-Don, RF
A J Boulton	University of East Anglia, Norwich, UK	I I Moiseev	Institute of General and Inorganic Chemistry, Moscow, RF
V N Charushin	Institute of Organic Synthesis, Ekaterinburg, RF	Yu N Molin	Institute of Chemical Kinetics and Combustion, Novosibirsk, RF
A G Davies	University College London, London, UK	B F Myasoedov	Institute of Physical Chemistry and Electrochemistry, Moscow, RF
H M Frey	University of Reading, Reading, UK		
J R Hanson	University of Sussex, Brighton, UK	R Noyori	Nagoya University, Nagoya, Japan
R Hoffmann	Cornell University, Ithaca, NY, USA	M Poliakoff	University of Nottingham, Nottingham, UK
A R Katritzky	University of Florida, Gainesville, FL, USA	A I Rusanov	St Petersburg State University, St Petersburg, RF
Ph Kocienski	University of Leeds, Leeds, UK	S K Scott	University of Leeds, Leeds, UK
R G Kostyanovsky	Institute of Chemical Physics, Moscow, RF	B L Sharp	Loughborough University, Loughborough, UK
J-M Lehn	Université Louis Pasteur, Strasbourg, France	O G Sinyashin	Institute of Organic and Physical Chemistry, Kazan, RF
P M Maitlis	University of Sheffield, Sheffield, UK	R Walsh	University of Reading, Reading, UK
M Makosza	Institute of Organic Chemistry, Warsaw, Poland	V V Zhdankin	University of Minnesota, Duluth, MN, USA
G Mehta	Indian Institute of Science, Bangalore, India	Yu A Zolotov	Moscow State University, Moscow, RF

## **Editorial Staff**

Irina V Makhova (Managing Editor) Elena Yu Maksareva (Secretary, Administration)

Correspondence on editorial matters and manuscripts should be addressed to:

THE MANAGING EDITOR

Mendeleev Communications N D Zelinsky Institute of Organic Chemistry, The Russian Academy of Sciences,

Leninsky pr. 47, 119991 Moscow, Russian Federation

Phone/Fax: +7 499 135 8803 E-mail: edit@mendcomm.org

WWW: http://www.mendcomm.org

Publication information: Mendeleev Communications (print ISSN 0959-9436; online ISSN 1364-551X). For 2013, volume 23 is scheduled for publication. Subscription prices are available upon request from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (http://www.elsevier.com/locate/mencom). 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 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

Oxford: Elsevier Customer Service Department, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+44) (1865) 843434; fax: (+44) (1865) 843970; e-mail: JournalsCustomerServiceEMEA@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

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

Language services. Authors who require information about language editing and copyediting services pre- and post-submission please visit http://www.elsevier.com/languageediting or our customer support site at http://epsupport.elsevier.com.

## Author enquiries:

For enquiries relating to the submission of articles (including electronic submission where available) please visit this journal's homepage at http://www.elsevier.com/locate/mencom or http://www.mendcomm.org/Contacts.aspx.

For detailed instructions on the preparation of electronic artwork, please visit http://www.elsevier.com/artworkinstructions.

For a full and complete Guide for Authors, please go to: http://www.elsevier.com/locate/mencom or http://www.mendcomm.org/Notice.aspx.

The English language edited by Valentin V. Makhlyarchuk and Andrei A. Vasil'ev, Moscow

Typeset by Sergei I. Ososkov, Moscow

Printed by Polestar Wheatons Ltd, Exeter, United Kingdom Copyright © 2013 Mendeleev Communications. Published by Elsevier B.V. in cooperation with Mendeleev Communications. All rights reserved.

The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper).