

MAIN GROUP METAL CHEMISTRY

EDITOR-IN-CHIEF

K. Jurkschat, Dortmund

EDITORIAL BOARD

D. Atwood, Lexington, KY

R. Bohra, Jaipur

C. Camacho Camacho, Mexico D.F.

V. Chandrasekhar, Kanpur

M. Chanon, Marseille

Ki Y. Choi, Taejon

N. S. Hosmane, DeKalb, IL

K. Izod, Newcastle-upon-Tyne

V. K. Jain, Mumbai

C. Jones, Melbourne

M. Mehring, Chemnitz

K. C. Molloy, Bath

S. W. Ng, Kuala Lumpur

H. W. Roesky, Göttingen

K. Ruhlandt-Senge, Syracuse, NY

A. Ruzicka, Pardubice

J. Satge, Toulouse

H. Schmidbaur, Garching

R. V. Singh, Jaipur

C. T. Supuran, Florence

N. Tokitoh, Kyoto

J. J. Vittal, Singapore

DE GRUYTER

ABSTRACTED/INDEXED IN Chemistry Citation Index, Current Contents, Journal Citation Report, SciSearch, Scopus

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions of liability for the results obtained from use of the information, or parts thereof, contained in this work.

The citation of registered names, trade names, trademarks, etc. in this work does not imply, even in the absence of a specific statement, that such names are exempt from laws and regulations protecting trademarks etc. and therefore free for general use.

ISSN 0792-1241 · e-ISSN 2191-0219

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.degruyter.com/mgmc

RESPONSIBLE EDITOR Prof. Klaus Jurkschat, Anorganic Chemistry, Faculty of Chemistry, Technical University Dortmund, Otto-Hahn-Str. 6, 44227 Dortmund, Germany, Email: klaus.jurkschat@tu-dortmund.de

JOURNAL MANAGER Dr. Torsten Krüger, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05 – 176, Fax: +49 (0)30 260 05 – 298, Email: MGMC.editorial@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Panagiota Herbrand, De Gruyter, Mies-van-der-Rohe-Straße 1, 80807 München, Germany, Tel.: +49 (0)89 769 02 – 394, Fax: +49 (0)89 769 02 – 350, Email: panagiota.herbrand@degruyter.com

© 2012 Walter de Gruyter GmbH & Co. KG, Berlin/Boston

TYPESETTING Compuscript Ltd., Shannon, Ireland

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim
Printed in Germany

COVER ILLUSTRATION Image Source/Getty Images



CONTENTS

MAIN GROUP METAL CHEMISTRY
2011 · VOLUME 34 · NUMBER 5/6

REVIEW

- Analysis of crystallographic and structural data of polymeric iron-alkaline metal complexes**
Milan Melnik, Markku Rafael Sundberg and Rolf Uggla 93

RESEARCH ARTICLES

- Crystal and molecular structure of diorganoammonium oxalatotrimethylstannate, $[R_2NH_2][Me_3Sn(C_2O_4)]$ ($R=i$ -Bu, cyclohexyl)**
Yaya Sow, Libasse Diop, Kieran C. Molloy and Gabrielle Kociok-Köhn 127

- Synthesis and characterisation of organotin(IV) derivatives of ambidentate ligands containing nitrogen and sulphur donor atoms**
Rafael César Russo Chagas, José Roberto da Silveira Maia and Vany P. Ferraz 131

- Synthesis, characterization, antimicrobial, pesticidal and DNA cleavage activity of germanium(IV) derivatives of 3-(2-methyl-2,3-dihydro-benzthiazol-2-yl)-chromen-2-one and N'-[1-2-oxo-2H-chromen-3-yl-ethylidene]-hydrazinecarbodithionic acid benzyl ester ligands**
Latika Dawara, Nighat Fahmi and R.V. Singh 139

- Microwave-assisted synthesis and antibacterial and pesticidal activity studies of aluminum(III) and gallium(III) complexes with a bioactive Schiff base**
Nirmala Singh, Shobha Rastogi and R.V. Singh 147

SHORT COMMUNICATION

- Solid-state and solution ^{117}Sn NMR study of $C_2O_4(SnPh_3)_2$: a revision**
Libasse Diop 153

