

<i>Maced. J. Chem. Chem. Eng.</i>	Vol. 34	No. 1	pp. 1–230	Skopje 2015
-----------------------------------	------------	----------	--------------	----------------

MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING

www.mjcce.org.mk

EDITOR-IN-CHIEF

Zoran Zdravkovski

Institute of Chemistry, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University, 1001 Skopje, Macedonia

Phone: (+389-2) 324-9926; e-mail: zoran@ukim.edu.mk

EDITORIAL BOARD

Marina Stefova , Deputy Editor-in-Chief, Skopje, Macedonia	Dobrin Nedelkov , Tempe, Arizona, USA
Jadranka Blaževska-Gilev , Skopje, Macedonia	Laszlo Nemes , Budapest, Hungary
Angel Gil-Izquierdo , Murcia, Spain	Boško Nikov , Skopje, Macedonia
Rubin Gulaboski , Štip, Macedonia	Helena Pinheiro , Lisbon, Portugal
Kersti Hermansson , Uppsala, Sweden	Menka Petkovska , Belgrade, Serbia
Ružica Jovanović-Malinovska , Skopje, Macedonia	Walter Steiner , Graz, Austria
Branko Kaitner , Zagreb, Croatia	Elena Tomovska , Skopje, Macedonia
Irina Karadjova , Sofia, Bulgaria	Levent Toppare , Ankara, Turkey
Ferenc Kilár , Pécs, Hungary	Borislav V. Toshev , Sofia, Bulgaria
Petre Makreski , Skopje, Macedonia	James Trefil , Fairfax, Virginia, USA
Vera Meško , Skopje, Macedonia	
Panče Naumov , Abu Dhabi, United Arab Emirates	

ADVISORY BOARD

Jean Jacques Aaron , Paris, France	Stanisław Slomkowski , Łódź, Poland
Maja Cvetkovska , Skopje, Macedonia	Trajče Stafilov , Skopje, Macedonia
Svetomir Hadži-Jordanov , Skopje, Macedonia	Bojan Šoptrajanov , Skopje, Macedonia
Gligor Jovanovski , Skopje, Macedonia	Dimitër Tsalev , Sofia, Bulgaria
Ivan Leban , Ljubljana, Slovenia	Eleonora Winkelhausen , Skopje, Macedonia

Published twice a year

Indexed in: Chemical Abstracts Service, Science Citation Index Expanded (SciSearch[®]), Chemistry Citation Index[®], Journal Citation Reports/Science Edition, Directory of Open Access Journals (DOAJ), SCOPUS, Google Scholar, EBSCO, EVISA, etc.

Technical editor: **Sonja Malinovska**

Cover: **Ladislav Cvetkovski**

Flipping of the *N*-saccharinate ligands in the structure of tetrakis(imidazole)tetrakis(saccharinato)dycopper(II) around the coordination bond

English language adviser: **Nada Georgieva**; Macedonian language adviser: **Georgi Georgievski**; Proof-reader: **Alena Georgievska**

UDC: National and University Library "St. Kliment Ohridski", Skopje, Macedonia (**Valentina Dojčinovska-Ilioska**)

Publisher: Society of Chemists and Technologists of Macedonia, Faculty of Technology and Metallurgy (S. Hadži-Jordanov, president), Skopje, Macedonia

Printed by: Polyesterday, Skopje, Macedonia; Circulation: 120 copies; Price: 650 MKD

Printed in May 2015

Financed by the Ministry of Education and Science of the Republic of Macedonia

МАКЕДОНСКО СПИСАНИЕ ЗА ХЕМИЈА И ХЕМИСКА ТЕХНОЛОГИЈА

Зоран Здравковски, главен и одговорен уредник
Институт за хемија, Природно-математички факултет, Универзитет „Св. Кирил и Методиј“, 1001 Скопје, Македонија
Тел.: (+389-2) 324-9926; e-адреса: zoran@ukim.edu.mk

Излегува два пати годишно

Издава: Сојуз на хемичарите и технолозите на Македонија, Технолошко-металуршки факултет (С. Хаџи-Јорданов, претседател), Скопје, Македонија

Печати: „Полиестердеј“, Скопје, Македонија; Тираж: 70 примероци; Цена: 650 ден.

Отпечатен, јуни 2015