

<i>Maced. J. Chem. Chem. Eng.</i>	Vol. 39	No. 2	pp. 119–288	Skopje 2020
-----------------------------------	------------	----------	----------------	----------------

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, N. Macedonia

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

EDITORIAL BOARD

Marina Stefova, Deputy Editor-in-Chief, Skopje, N. Macedonia

Jadranka Blaževska-Gilev, Skopje, N. Macedonia

Aleksandra Buzarovska, Skopje, N. Macedonia

Angel Gil-Izquierdo, Murcia, Spain

Rubin Gulaboski, Štip, N. Macedonia

Kersti Hermansson, Uppsala, Sweden

Kiril Hristovski, Mesa, Arizona, USA

Ružica Jovanović-Malinovska, Skopje, N. Macedonia

Branko Kaitner, Zagreb, Croatia

Irina Karadjova, Sofia, Bulgaria

Ferenc Kilár, Pécs, Hungary

Petre Makreski, Skopje, N. Macedonia

Panče Naumov, Harvard University, United States

Laszlo Nemes, Budapest, Hungary

Dobrin Nedelkov, Tempe, Arizona, USA

Franc Perdih, Ljubljana, Slovenia

Menka Petkovska, Belgrade, Serbia

Helena Pinheiro, Lisbon, Portugal

Walter Steiner, Graz, Austria

Levent Toppare, Ankara, Turkey

Borislav V. Toshev, Sofia, Bulgaria

Anka Trajkovska Petkoska, Veles, N. Macedonia

James Trefil, Fairfax, Virginia, USA

ADVISORY BOARD

Jean Jacques Aaron, Paris, France

Maja Cvetkovska, Skopje, N. Macedonia

Svetomir Hadži-Jordanov, Skopje, N. Macedonia

Gligor Jovanovski, Skopje, N. Macedonia

Ivan Leban, Ljubljana, Slovenia

Stanislaw Slomkowski, Łódź, Poland

Trajče Stafilov, Skopje, N. Macedonia

Bojan Šoptrajanov, Skopje, N. Macedonia

Dimiter Tsalev, Sofia, Bulgaria

Eleonora Winkelhausen, Skopje, N. 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**; IT Support: **Marija Gjorgjevska**; Cover: **Ladislav Cvetkovski**

English language adviser: **Proof-Reading-Service.com**; Macedonian language adviser: **Georgi Georgievski**; Proof-reader: **Alena Georgievska**

Publisher: Society of Chemists and Technologists of Macedonia, Arhimedova 5, Skopje, N. Macedonia

Printed by: Polyesterday, Skopje, N. Macedonia; Circulation: 50 copies; Price: 15 Euros

Printed in December 2020

Financed by the Ministry of Education and Science of the Republic of North Macedonia and Ss. Cyril and Methodius University

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, С. Македонија

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

Излегува два пати годишно

Издава: Сојуз на хемичарите и технолозите на Македонија, Архимедова 5, Скопје, С. Македонија

Печати: Polyesterday, Скопје, С. Македонија; Тираж: 50 примероци; Цена: 900 ден.

Отпечатено, декември 2020