

Vol. 42 No 1 2019



OXIDATION COMMUNICATIONS

Founding Editor
D. GAL, Hungary

Editor-in-Chief
S. K. IVANOV, Bulgaria

Editors
M. I. BONEVA, Bulgaria
Zh. D. KALITCHIN, Bulgaria

Editorial Board
R. L. AUGUSTINE, USA
S. W. BENSON, USA
S. BOURBIGOT, France
D. BRADLEY, UK
A. M. BRAUN, Germany
E. B. BURLAKOVA, Russia
J. DAHLMANN, Germany
A. D'AMORE, Italy
S. DOBE, Hungary
Sh. GAO, China
N. GETOFF, Austria
V. K. GUPTA, India
J. HAPPEL, USA
J. A. HOWARD, Canada
M. F. R. MULCAHY, Australia
A. NEMETH, Hungary
E. NIKI, Japan
K. OHKUBO, Japan
P. St. PETKOV, Bulgaria
A. RAJARAM, India
S. K. RAKOVSKY, Bulgaria
R. A. SHELDON, The Netherlands
R. SILAMBARASAM, India
G. E. ZAIKOV, Russia
J. J. ZIOLKOWSKI, Poland
ZUWEI Xi, China

Scientific Bulgarian Communications
Ltd., Co.

CONTENTS

Vol. 42 (1), 2019

Thermodynamic parameters – standard enthalpies, etc.

G. BAIKUSHEVA-DIMITROVA, S. GENIEVA, R. YANKOVA. Interpolation Method for Determination of Thermodynamic Values	1
G. BAIKUSHEVA-DIMITROVA, T. GEORGIEVA. Determination of Standard Enthalpies of Formation of Selenites of Rare Earth Elements	9
A. A. ABDEL-KHALEK, M. M. ABDEL-HAFEEZ, E. H. GABRAIL. Surface Sorption and Intra-particle Diffusion of Methylene Blue Dye on Doum Fruit from Aqueous Solution	15

Action of inhibitors during stabilisation of organic products and organisms

H. R. PETROSYAN. Determination of Antioxidant Activities of Water-Alcoholic Extracts from Red Clover (<i>Trifolium pratense</i>), Caper (<i>Capparis spinosa</i>) and Bokhi (<i>Hippomarathrum crispum</i>)	33
I. VASILEVA, G. MARINOVA, L. GIGOVA. Growth and Antioxidant Enzymes Responses of <i>Scenedesmus</i> sp. BGP (Chlorophyceae) to Cultivation Temperature and Irradiance.....	39

Renewable energy sources

M. KONCHEV. Bulgaria – Supply, Transformation and Consumption of Renewable Energies over the Period 2007–2016	49
---	----

Oxidation reactions in the presence of homogeneous catalyst systems

V. A. BABKIN, D. S. ANDREEV, A. V. IGNATOV, L. M. LISINA, V. S. BELOUSOVA, V. T. FOMICHEV, K. YU. PROCHUKHAN, M. I. ARTSIS, G. E. ZAIKOV. On the Mechanism of Cationic Polymerisation of <i>p</i> -Isopropylstyrene in the Presence of a Complex Catalyst Boron Fluoride–Water.....	56
---	----

Composite materials – coatings

V. KAMBUROV, R. DIMITROVA, K. NIKOLOV. Electroless Nickel Coating of Carbon Microfibres and Nanotubes Intended for a Reinforcing Phase in Metal/Polymer Matrix Composites.....	63
T. PENYASHKI, G. KOSTADINOV, D. RADEV, M. KANDEVA. Comparative Studies of Tribological Characteristics of Carbon Steels with Gas Flame Coatings from New Multi-component Carbide Composite Materials	74

Educational problems

M. KONCHEV. Assessment of Use of Distance Training Platform in National Sport Academy 'Vassil Levski' by the 'Classified Tree' Method	90
M. KONCHEV. Application of Cluster Analysis for the Development of Distance Learning in National Sport Academy 'Vasil Levski'.....	101

Overall ecology

R. IOSSIFOV. Development of Personal Results in the 100 m Freestyle – Men.....	111
--	-----

ISSN 0209-4541

