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Научни резултати постигнути након избора у звање Научни саветник

СПИСАК ПУБЛИКАЦИЈА У НАЗНАЧЕНОМ ПЕРИОДУ:

1.
Antun Balaž, Ivana Vidanović, Danica Stojiljković, Dušan Vudragović, Aleksandar Belić, Aleksandar Bogojević
SPEEDUP Code for Calculation of Transition Amplitudes via the Effective Action Approach
Communications in Computational Physics, Volume 11 , Issue 3 , March 2012 , pp. 739 - 755
10.4208/cicp.131210.180411a
2.
Bogoević, A.; Balaž, A.; Belić, A.
Scaling Exponents and Phase Separation in a Nonlinear Network Model Inspired by the Gravitational Accretion
Physica D 255, 52 (2013)
10.1016/j.physd.2013.04.004
3.
Lončar, V.; Balaž, A.; Bogoević, A.; Škrbić, S.; Muruganandam, P.; Adhikari, S.K.
CUDA Programs for Solving the Time-dependent Dipolar Gross-Pitaevskii Equation in an Anisotropic Trap
Comput. Phys. Commun. 200, 406 (2016)
10.1016/j.cpc.2015.11.014
4.
Vudragović, D.; Ilić, L.; Jovanović, P.; Ničković, S.; Bogoević, A.; Balaž, A.
VI-SEEM DREAMCLIMATE Service
Scales Comput. Pract. Exp. 19, 215 (2018)
10.12694/scpe.v19i2.1396
5.
Darija Obradović; Andrey Stavrianidi; Elizaveta Fedorova; Aleksandar Bogoević; Oleg Shpigun; Aleksey Buryak; Saša Lazović
A comparative study of the predictive performance of different descriptor calculation tools Molecular-based elution order modeling and interpretation of retention mechanism for isomeric compounds from METLIN database
J Chromatogr A 2024 Feb 10:1719:464731. (IF 4.1)
10.1016/j.chroma.2024.464731.
6.
Joanna Żandarek, Paweł Żmudzki, Darija Obradović, Saša Lazović, Aleksandar Bogoević, Oliwia Koszła, Przemysław Sołek, Monika Maciąg, Anita Płazińska, Małgorzata Starek, Monika Dąbrowska
Analysis of pharmacokinetic profile and ecotoxicological character of cefepime and its photodegradation products
Chemosphere (IF 8.8) Manuscript Number: CHEM131780
10.1016/j.chemosphere.2024.141529
7.
D. Cvetković, M. Mitrović Dankulov, A. Bogoević, S. Lazović, D. Obradović
Enhancing Hansen Solubility Predictions with Molecular and Graph-Based Approaches
Chemom. Intell. Lab. Syst. 251, 105168 (2024) (IF 3.9)
10.1016/j.chemolab.2024.105168

8.

A. Petrović, N. Momčilović, A. Sedmak, B. Đorđević; D. Radu, V. Milošević-Mitić, A. Bogojević
Reliability-based approach for structural integrity assessment of a bucket wheel excavator
Theoretical and Applied Fracture Mechanics, Volume 136, April 2025, 104849
10.1016/j.tafmec.2025.104849

9.

Zandarek Joanna Zmudzki Pawel Obradovic Darija Lazovic Sasa S Bogojevic Aleksandar R Plazinska Anita
Plazinski Wojciech Plech Tomasz Starek Malgorzata Dabrowska Monika
Cefazolin and its photodegradation products - Prediction of pharmacokinetic profile and ecotoxicological
potential
Journal of environmental Chemical Engineering, (2025), vol. 13 no. 1 115084
<https://doi.org/10.1016/j.jece.2024.115084>

10.

V. Stefanovic-Gobelic, A. Grbovic, A. Sedmak, S. Sedmak, G. Đukanovic, A. Bogojevic, I. Vucetic
USE OF FIVE-PARAMETER OPTIMIZATION OF ATTACHMENT LUG GEOMETRY TO IMPROVE ITS FATIGUE LIFE
Facta Universitatis, Mechanical Engineering
10.22190/FUME240730043G

11.

Vesna O Milošević-Mitić, Ana S Petrović, Nina M Anđelić, Aleksandar R Bogojević
Method of determining non-linear temperature distribution across the thick plate thickness that simplifies
numerical calculations
Thermal Science, 00, 262 (2024)
10.2298/TSCI240705262M

12.

V. Prigara, Đ. Vuković, N. Vukmirović, D. Cvetković, A. Bogojević, D. Stepanenko, S. Lazović, M. Mitrović
Dankulov,
ČITAČ OBRASCA IRIDESCENCIJE NA PRAVIM BIOLOŠKIM ČESTICAMA,
МП 1843 , број решења о признању 2025/3167 (2025)