

Corina Cheptea

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Solvatochromic study of pyridinium-acetyl-benzoyl methylid (PABM) in ternary protic solutions. <i>Journal of Molecular Structure</i> , 2021, 1227, 129539.	3.6	4
2	Optimized Synthesis of New N-Mustards Based on 2-Mercaptobenzoxazole Derivatives with Antitumor Activity. <i>Biomedicines</i> , 2021, 9, 476.	3.2	3
3	Solvatochromic Study of Two Carbanion Monosubstituted 4-Tolyl-1,2,4-triazol-1-ium Phenacylids in Binary Hydroxyl Solvent Mixtures. <i>Molecules</i> , 2021, 26, 3910.	3.8	3
4	Immobilization and Release Studies of Triazole Derivatives from Grafted Copolymer Based on Gellan-Carrying Betaine Units. <i>Molecules</i> , 2021, 26, 3330.	3.8	2
5	Some Aryl-1,2,4-triazol-1-ium Phenacylids in Binary Hydroxyl Solvent Mixtures. Computational and Spectral Study. <i>Symmetry</i> , 2021, 13, 1656.	2.2	4
6	Optimized Synthesis of New Thiosemicarbazide Derivatives with Tuberculostatic Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12139.	4.1	8
7	Excited state dipole moment of two pyridazinium-p-nitro-phenacylids estimated from solvatochromic study. <i>Spectroscopy Letters</i> , 2020, 53, 1-11.	1.0	6
8	Some physico-chemical characteristics of amino-acid derivatives containing rest of 1,2,4-triazole-3,4-di-substituted with potential antitumoral activity. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 697, 97-107.	0.9	2
9	Spectroscopic and quantum-chemical study of molecular interactions of iso-quinolinium ylids in polar solutions. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 698, 87-97.	0.9	4
10	New Grafted Copolymers Carrying Betaine Units Based on Gellan and N-Vinylimidazole as Precursors for Design of Drug Delivery Systems. <i>Molecules</i> , 2020, 25, 5451.	3.8	8
11	Computational and Spectral Means for Characterizing the Intermolecular Interactions in Solutions and for Estimating Excited State Dipole Moment of Solute. <i>Symmetry</i> , 2020, 12, 1299.	2.2	12
12	Derivatives of 1,2,4-Triazole-3,4-Disubstituted Based on Aminoacids with Potential Biological Activity. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 211-221.	0.4	1
13	Synthesis and Spectral Analysis of New Antitumor Compounds with Benzimidazole Structure. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 2581-2584.	0.4	0
14	Synthesis and toxicological activity of 5-nitroindazole sulfonamides derivatives as potential antimicrobial agents. Optimization of the synthesis. , 2017, , .		0
15	Quantum mechanical and spectral study of fluorescein. , 2017, , .		1
16	Adsorption and release studies of new cephalosporin from chitosan-g-poly(glycidyl methacrylate) microparticles. <i>European Polymer Journal</i> , 2016, 82, 132-152.	5.4	20
17	The integration of robotic technology into biotechnology education. <i>Journal of Biotechnology</i> , 2015, 208, S49.	3.8	2
18	Synthesis and Antimicrobial Activity of New Derivatives of 1,3,4-Thiadiazoles and 1,2,4-Triazoles with 5-Nitroindazole as Support. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 366-372.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Synthesis and quantum mechanical characterization of three new 1-(5-nitro-benzimidazole-2-yl-sulfonyl-acetyl)- 4-aryl-thiosemicarbazide with biological potential. Molecular Crystals and Liquid Crystals, 0, , 1-9.	0.9	0
20	Combined solvatochromism and quantum mechanical computations in study regarding the solute-solvent interactions in solutions of some azo-derivatives. Molecular Crystals and Liquid Crystals, 0, , 1-17.	0.9	0