

Corina Cheptea

List of Publications by Year in descending order

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papers

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1478505

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times ranked

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Optimized Synthesis of New Thiosemicarbazide Derivatives with Tuberculostatic Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12139. | 4.1 | 8 |
| 6 | Excited state dipole moment of two pyridinium-p-nitro-phenacylids estimated from solvatochromic study. <i>Spectroscopy Letters</i> , 2020, 53, 1-11. | 1.0 | 6 |
| 7 | 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 |
| 8 | Solvatochromic study of pyridinium-acetyl-benzoyl methylid (PABM) in ternary protic solutions. <i>Journal of Molecular Structure</i> , 2021, 1227, 129539. | 3.6 | 4 |
| 9 | Some Aryl-1,2,4-triazol-1-ium Phenacylids in Binary Hydroxyl Solvent Mixtures. <i>Computational and Spectral Study. Symmetry</i> , 2021, 13, 1656. | 2.2 | 4 |
| 10 | Optimized Synthesis of New N-Mustards Based on 2-Mercaptobenzoxazole Derivatives with Antitumor Activity. <i>Biomedicines</i> , 2021, 9, 476. | 3.2 | 3 |
| 11 | 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 |
| 12 | The integration of robotic technology into biotechnology education. <i>Journal of Biotechnology</i> , 2015, 208, S49. | 3.8 | 2 |
| 13 | 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 |
| 14 | 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 |
| 15 | Quantum mechanical and spectral study of fluorescein. , 2017, , . | | 1 |
| 16 | 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 |
| 17 | Synthesis and toxicological activity of 5-nitroindazole sulfonamides derivatives as potential antimicrobial agents. Optimization of the synthesis. , 2017, , . | | 0 |
| 18 | Synthesis and Spectral Analysis of New Antitumor Compounds with Benzimidazole Structure. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 2581-2584. | 0.4 | 0 |

| # | 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 |