

Rajasekhara Prasad Kottapalli

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

315
citations

1162367

8
h-index

839053

18
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24
all docs

24
docs citations

24
times ranked

452
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Catalysis by molecular iodine: A rapid synthesis of 1,8-dioxo-octahydroxanthenes and their evaluation as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2186-2191. | 1.0 | 98 |
| 2 | Amberlyst-15 mediated synthesis of 2-substituted 2,3-dihydroquinazolin-4(1H)-ones and their crystal structure analysis. <i>Tetrahedron Letters</i> , 2012, 53, 863-867. | 0.7 | 63 |
| 3 | Pyrrlo[2,3-b]quinoxalines in attenuating cytokine storm in COVID-19: their sonochemical synthesis and in silico / in vitro assessment. <i>Journal of Molecular Structure</i> , 2021, 1230, 129868. | 1.8 | 28 |
| 4 | Ceria doped mixed metal oxide nanoparticles as oxidation catalysts: Synthesis and their characterization. <i>Arabian Journal of Chemistry</i> , 2015, 8, 766-770. | 2.3 | 18 |
| 5 | Urea and thiourea derivatives of 3-(trifluoromethyl)-5,6,7,8-tetrahydro-[1, 2, 4]triazolo[4,3-a]pyrazine: Synthesis, characterization, antimicrobial activity and docking studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 922-932. | 0.8 | 15 |
| 6 | Promoting effects of thoria on the nickel-manganese mixed oxide catalysts for the aerobic oxidation of benzyl alcohol. <i>Arabian Journal of Chemistry</i> , 2017, 10, 448-457. | 2.3 | 12 |
| 7 | Induced smectic- <i>B</i> and smectic- <i>G</i> phases in hydrogen-bonded complexes (<i>n</i> OBA:PFOA): thermal and phase behaviour studies. <i>Liquid Crystals Today</i> , 2013, 22, 4-9. | 2.3 | 11 |
| 8 | New Indolo[3,2-b]indole based small organic molecules for Organic Thin Film Transistors (OTFTs): A combined experimental and DFT Study. <i>Journal of Molecular Structure</i> , 2021, 1229, 129491. | 1.8 | 11 |
| 9 | Thermal and phase behaviour studies of hydrogen-bonded compounds (SA: <i>n</i> OBA) using POM, DSC and image-processing techniques. <i>Liquid Crystals Today</i> , 2015, 24, 81-92. | 2.3 | 8 |
| 10 | A Bioanalytical Method Development and Validation for Simultaneous Determination of Velpatasvir and Sofosbuvir in Spiked Human Plasma. <i>Asian Journal of Chemistry</i> , 2017, 29, 2565-2569. | 0.1 | 7 |
| 11 | Synthesis of Novel 1-(5-(Benzylsulfinyl)-3-methyl-1,3,4-thiadiazol-2(3H)-ylidene)-thiourea/urea Derivatives and Evaluation of Their Antimicrobial Activities. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2179-2191. | 1.4 | 7 |
| 12 | Fabrication of electrochemical sensor based on electrochemically co-deposited Ru-Co bimetallic nanoparticles on glassy carbon electrode: an analytical measurement tool for monitoring of hydrazine in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 720-735. | 1.8 | 7 |
| 13 | Synthesis and Antibacterial Evaluation of Hydrazone Derivatives Bearing 6-Chlorothieno[3,2-c]pyridine Moiety. <i>Asian Journal of Chemistry</i> , 2019, 31, 627-632. | 0.1 | 6 |
| 14 | Structural Correction and Process Improvement for Control of a Critical Process Impurity of Ezetimibe. <i>Organic Process Research and Development</i> , 2019, 23, 919-925. | 1.3 | 6 |
| 15 | Design, synthesis and biological evaluation of amide derivatives of oxazol-benzofuran-isoxazols as anticancer agents. <i>Chemical Data Collections</i> , 2021, 36, 100787. | 1.1 | 4 |
| 16 | Ytterbia doped nickel-manganese mixed oxide catalysts for liquid phase oxidation of benzyl alcohol. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 878-886. | 2.4 | 3 |
| 17 | Synthesis, Characterization and Anticancer Activity of 5-Substituted 4,5,6,7-Tetrahydro-N-(tetrahydro-2H-pyran-4-yl)thieno[3,2-c]pyridine-2-carboxamide Derivatives. <i>Asian Journal of Chemistry</i> , 2018, 30, 2063-2068. | 0.1 | 3 |
| 18 | Synthesis of novel 3-[(2R*)-2-[(2S*)-6-fluoro-3,4-dihydro-2H-chromen-2-yl]-2-hydroxyethyl]-urea/thiourea derivatives and evaluation of their antimicrobial activities. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 65-74. | 0.8 | 3 |

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|----|---|-----|-----------|
| 19 | Design and synthesis of novel tetrahydrofuran cyclic urea derivatives as androgen receptor antagonists. <i>Journal of Chemical Sciences</i> , 2020, 132, 1. | 0.7 | 2 |
| 20 | Discovery of Easily Synthesizable 4,4-Dimethylimidazolidin-2-ones as Potent Androgen Receptor Antagonists for Prostate Cancer. <i>ChemistrySelect</i> , 2021, 6, 8741-8745. | 0.7 | 1 |
| 21 | Design, Synthesis and Antibacterial Activity of N-(3-((4-(6-(2,2,2- Trifluoroethoxy)butyl)amino)butyl)amino)propanoic Acid. <i>Journal of Chemical Sciences</i> , 2021, 33, 577-582. | 0.1 | 1 |
| 22 | Synthesis of Nickel Oxide Nanoparticles from <i>Syzygium cumini</i> Plant Fruit Pulp Extract: Study of their Antibacterial, Antifungal and Cytotoxic Activities on CHO Cells. <i>Asian Journal of Chemistry</i> , 2022, 34, 1735-1741. | 0.1 | 1 |
| 23 | Phytochemical Analysis and Comprehensive Evaluation of Pharmacological Activities, Isolation and Characterization of Bioactive Compound from the Bark of <i>Sterculia urens</i> Roxb.. <i>Asian Journal of Chemistry</i> , 2021, 33, 1950-1956. | 0.1 | 0 |
| 24 | Phytochemical Analysis, Pharmacological Activities, Isolation and Characterization of Bioactive Compounds from the Roots of <i>Sterculia urens</i> Roxb.. <i>Asian Journal of Chemistry</i> , 2022, 34, 423-428. | 0.1 | 0 |