

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Design, Synthesis and Antibacterial Activity of N-(3-((4-(6-(2,2,2-Trifluoroethoxy)pyridin-3-yl)ethyl)amino)propyl)acetamide Derivatives. <i>Journal of Molecular Structure</i> , 2021, 1230, 129868.	0.1	1
9	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
10	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
11	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
12	Synthesis of Novel 1-(5-(Benzylsulfinyl)-3-methyl-1,3,4-thiadiazol-2-ylidene)-thiourea/urea Derivatives and Evaluation of Their Antimicrobial Activities. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2179-2191.	1.4	7
13	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
14	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
15	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
16	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
17	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
18	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

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19	A Bioanalytical Method Development and Validation for Simultaneous Determination of Velpatasvir and Sofosbuvir in Spiked Human Plasma. Asian Journal of Chemistry, 2017, 29, 2565-2569.	0.1	7
20	Ceria doped mixed metal oxide nanoparticles as oxidation catalysts: Synthesis and their characterization. Arabian Journal of Chemistry, 2015, 8, 766-770.	2.3	18
21	Thermal and phase behaviour studies of hydrogen-bonded compounds (SA:nOBA) using POM, DSC and image-processing techniques. Liquid Crystals Today, 2015, 24, 81-92.	2.3	8
22	Induced smectic- <i>B</i> and smectic- <i>G</i> phases in hydrogen-bonded complexes (nOBA:PFOA): thermal and phase behaviour studies. Liquid Crystals Today, 2013, 22, 4-9.	2.3	11
23	Catalysis by molecular iodine: A rapid synthesis of 1,8-dioxo-octahydroxanthenes and their evaluation as potential anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2186-2191.	1.0	98
24	Amberlyst-15 mediated synthesis of 2-substituted 2,3-dihydroquinazolin-4(1H)-ones and their crystal structure analysis. Tetrahedron Letters, 2012, 53, 863-867.	0.7	63