

Richie R Bhandare

List of Publications by Year in descending order

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34
papers

485
citations

759233

12
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713466

21
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35
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35
docs citations

35
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial, Antioxidant, and Anticancer Activities of Some Novel Isoxazole Ring Containing Chalcone and Dihydropyrazole Derivatives. <i>Molecules</i> , 2020, 25, 1047.	3.8	71
2	A key review on oxadiazole analogs as potential methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity: Structure-activity relationship studies. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113442.	5.5	58
3	Heterogeneous graphitic carbon nitrides in visible-light-initiated organic transformations. <i>Green Chemistry</i> , 2022, 24, 438-479.	9.0	47
4	Green Synthesis of Potent Antimicrobial Silver Nanoparticles Using Different Plant Extracts and Their Mixtures. <i>Processes</i> , 2019, 7, 510.	2.8	41
5	Design, Synthesis, and Antibacterial and Antifungal Activities of Novel Trifluoromethyl and Trifluoromethoxy Substituted Chalcone Derivatives. <i>Pharmaceuticals</i> , 2020, 13, 375.	3.8	29
6	Design, Facile Synthesis and Characterization of Dichloro Substituted Chalcones and Dihydropyrazole Derivatives for Their Antifungal, Antitubercular and Antiproliferative Activities. <i>Molecules</i> , 2020, 25, 3188.	3.8	26
7	Thiazole-Chalcone Hybrids as Prospective Antitubercular and Antiproliferative Agents: Design, Synthesis, Biological, Molecular Docking Studies and In Silico ADME Evaluation. <i>Molecules</i> , 2021, 26, 2847.	3.8	26
8	Design, multistep synthesis and in-vitro antimicrobial and antioxidant screening of coumarin clubbed chalcone hybrids through molecular hybridization approach. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103154.	4.9	24
9	Multistep synthesis and screening of heterocyclic tetrads containing furan, pyrazoline, thiazole and triazole (or oxadiazole) as antimicrobial and anticancer agents. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101447.	5.2	20
10	Antitubercular and antioxidant activities of hydroxy and chloro substituted chalcone analogues: Synthesis, biological and computational studies. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103581.	4.9	19
11	Synthesis, and biological screening of chloropyrazine conjugated benzothiazepine derivatives as potential antimicrobial, antitubercular and cytotoxic agents. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102915.	4.9	15
12	Quinoline conjugated 2-azetidinone derivatives as prospective anti-breast cancer agents: In vitro antiproliferative and anti-EGFR activities, molecular docking and in-silico drug likeliness studies. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101471.	5.2	15
13	Public perception toward e-commerce of medicines and comparative pharmaceutical quality assessment study of two different products of furosemide tablets from community and illicit online pharmacies. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2019, 11, 284.	0.6	14
14	Assessment of the Antimicrobial and Antiproliferative Activities of Chloropyrazine-Tethered Pyrimidine Derivatives: In Vitro, Molecular Docking, and In-Silico Drug-Likeness Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10734.	2.5	10
15	Synthetic Strategies of Pyrimidine-Based Scaffolds as Aurora Kinase and Polo-like Kinase Inhibitors. <i>Molecules</i> , 2021, 26, 5170.	3.8	8
16	Antimicrobial Hexaaquacopper(II) Complexes with Novel Polyiodide Chains. <i>Polymers</i> , 2021, 13, 1005.	4.5	7
17	Design, synthesis, and biological evaluation of novel bromo-pyrimidine analogues as tyrosine kinase inhibitors. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103054.	4.9	7
18	2D-Quantitative structure activity relationship (QSAR) modeling, docking studies, synthesis and in-vitro evaluation of 1,3,4-thiadiazole tethered coumarin derivatives as antiproliferative agents. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101279.	5.2	7

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19	Modifications to five-substituted 3,3-diethyl-4,5-dihydro-2(3H)-furanones en route to novel muscarinic receptor ligands. <i>Medicinal Chemistry Research</i> , 2011, 20, 558-565.	2.4	6
20	Enhanced solubility of microwave-assisted synthesized acyclovir Co-crystals. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 5979-5986.	0.8	6
21	Homologation as a lead modification approach en route to a series of lactone-based muscarinic ligands. <i>Medicinal Chemistry Research</i> , 2014, 23, 1023-1030.	2.4	5
22	Cardiovascular Concern of 5-HT _{2B} Receptor and Recent Vistas in the Development of Its Antagonists. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2017, 17, 86-104.	0.7	4
23	Antitubercular activity assessment of fluorinated chalcones, 2-aminopyridine-3-carbonitrile and 2-amino-4H-pyran-3-carbonitrile derivatives: In vitro, molecular docking and in-silico drug likeliness studies. <i>PLoS ONE</i> , 2022, 17, e0265068.	2.5	4
24	Bioisosteric Replacement and Related Analogs in the Design, Synthesis and Evaluation of Ligands for Muscarinic Acetylcholine Receptors. <i>Medicinal Chemistry</i> , 2014, 10, 361-375.	1.5	3
25	L-Glutamic acid loaded collagen chitosan composite scaffold as regenerative medicine for the accelerated healing of diabetic wounds. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103841.	4.9	3
26	Selectivity profile comparison for certain $\hat{3}$ -butyrolactone and oxazolidinone-based ligands on a sigma 2 receptor over sigma 1: a molecular docking approach. <i>RSC Advances</i> , 2022, 12, 20096-20109.	3.6	3
27	Synthesis and preliminary evaluation of affinity to retinoic acid receptors for new organosilicon-based retinoids. <i>Pharmaceutical Chemistry Journal</i> , 2012, 45, 612-621.	0.8	2
28	Emerging Phytochemicals and Bioactive Compounds from a Desert Plant <i>Prosopis cineraria</i> (L.) Druce and Future Prospects. , 2019, , 19-51.		2
29	A critical review on phytopharmacology, spectral and computational analysis of phytoconstituents from <i>Streblus asper</i> Lour. <i>Phytomedicine Plus</i> , 2022, 2, 100177.	2.0	2
30	Forging of nicotine for the effective management of diabetic wounds: A hybrid of scaffold hopping and molecular dynamics simulation approaches. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103585.	4.9	1
31	Novel $\hat{3}$ -Butyrolactone Derivatives as Muscarinic Receptor Antagonists: Pharmacophore Elucidation and Docking Analyses. , 2016, , 155-179.		0
32	In Vitro Comparative Quality Attributes of Selected Brands of Fexofenadine Hydrochloride Tablets Marketed in UAE and India. , 2019, , 85-96.		0
33	Identification of N-substituted-oxazolidinones as subtype selective 5-HT _{2B} ligands. , 0, , .		0
34	An overview of <i>in silico</i> methods used in the design of VEGFR-2 inhibitors as anticancer agents. <i>ChemistrySelect</i> , 2023, 8, 2441-2457.	1.5	0