Gautham G Shenoy

List of Publications by Year
in descending order

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48	625	840119 11	642321 23
papers	citations	h-index	g-index

48	48	48	795
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and characterization of co-amorphous Ritonavirâ€“Indomethacin systems by solvent evaporation technique: Improved dissolution behavior and physical stability without evidence of intermolecular interactions. European Journal of Pharmaceutical Sciences, 2014, 62, 57-64.	1.9	116
2	Structureâ^'Activity Relationships at the 5-Position of Thiolactomycin:Â An Intact (5R)-Isoprene Unit Is Required for Activity against the Condensing Enzymes fromMycobacteriumtuberculosisandEscherichiacoli. Journal of Medicinal Chemistry, 2006, 49, 159-171.	2.9	79
3	Synthesis and in-vitro antimicrobial activity of new 1,2,4-triazoles. Journal of Pharmacy and Pharmacology, 2010, 53, 267-272.	1.2	68
4	Fabrication, solid state characterization and bioavailability assessment of stable binary amorphous phases of Ritonavir with Quercetin. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 329-338.	2.0	66
5	Histone Demethylase KDM5B as a Therapeutic Target for Cancer Therapy. Cancers, 2020, 12, 2121.	1.7	26
6	InCl3 mediated heteroarylation of indoles and their derivatization via C H activation strategy: Discovery of 2-(1H-indol-3-yl)-quinoxaline derivatives as a new class of PDE4B selective inhibitors for arthritis and/or multiple sclerosis. European Journal of Medicinal Chemistry, 2019, 174, 198-215.	2.6	24
7	Design, synthesis and evaluation of antitubercular activity of Triclosan analogues. Arabian Journal of Chemistry, 2019, 12, 3316-3323.	2.3	20
8	Synthesis, antitubercular evaluation, molecular docking and molecular dynamics studies of 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles. Journal of Molecular Structure, 2019, 1197, 117-133.	1.8	14
9	Rational design and synthesis of novel diphenyl ether derivatives as antitubercular agents. Drug Design, Development and Therapy, 2016, Volume 10, 2299-2310.	2.0	11
10	Synthesis of 3-indolylmethyl substituted (pyrazolo/benzo)triazinone derivatives under Pd/Cu-catalysis: Identification of potent inhibitors of chorismate mutase (CM). Bioorganic Chemistry, 2019, 91, 103155.	2.0	11
11	Gaining deeper insights into the surface binding of bedaquiline analogues with the ATP synthase subunit C of Mycobacterium tuberculosis using molecular docking, molecular dynamics simulation and 3D-QSAR techniques. New Journal of Chemistry, 2020, 44, 18831-18852.	1.4	11
12	Synthesis of 11,12-dihydro benzo[c]phenanthridines via a Pd-catalyzed unusual construction of isocoumarin ring/FeCl3-mediated intramolecular arene-allyl cyclization: First identification of a benzo[c]phenanthridine based PDE4 inhibitor. Bioorganic Chemistry, 2020, 97, 103691.	2.0	11
13	PdCl2-catalyzed synthesis of a new class of isocoumarin derivatives containing aminosulfonyl / aminocarboxamide moiety: First identification of a isocoumarin based PDE4 inhibitor. European Journal of Medicinal Chemistry, 2021, 221, 113514.	2.6	11
14	The p-toluenesulfonic acid catalyzed single pot synthesis of tetracyclic 1,2-dihydroquinolines: a metal free approach. New Journal of Chemistry, 2016, 40, 4888-4890.	1.4	10
15	Design, Synthesis and Evaluation of Antitubercular Activity of Novel 1,2,4-Triazoles Against MDR Strain of Mycobacterium tuberculosis. Pharmaceutical Chemistry Journal, 2018, 51, 907-917.	0.3	10
16	Design, synthesis, evaluation, and molecular dynamic simulation of triclosan mimic diphenyl ether derivatives as antitubercular and antibacterial agents. Structural Chemistry, 2020, 31, 983-998.	1.0	10
17	Design, synthesis, and evaluation of novel diphenyl ether derivatives against drugâ€susceptible and drugâ€resistant strains ofÂMycobacterium tuberculosis. Chemical Biology and Drug Design, 2019, 93, 60-66.	1.5	9
18	Response Surface Methodology for Optimization of Ultrasound-Assisted Transdermal Delivery and Skin Retention of Asenapine Maleate. Journal of Pharmaceutical Innovation, 2019, 14, 391-399.	1.1	9

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19	Sonochemical synthesis of rosuvastatin based novel 3-methyleneisoindolin-1-one derivatives as potential anticancer agents. Journal of Molecular Structure, 2021, 1240, 130574.	1.8	9
20	Synthesis of novel phase transfer catalysts derived from proline-mandelic acid/tartaric acid: their evaluation in enantioselective epoxidation and Darzen condensation. Journal of Chemical Sciences, 2019, 131, 1.	0.7	8
21	Application of Ugi three component reaction for the synthesis of quinapril hydrochloride. Synthetic Communications, 2020, 50, 48-55.	1.1	8
22	Synthesis, evaluation, molecular docking, and molecular dynamics studies of novel Nâ€(4â€[pyridinâ€2â€yloxy]benzyl)arylamine derivatives as potential antitubercular agents. Drug Development Research, 2020, 81, 315-328.	1.4	8
23	Rosuvastatin based novel 3-substituted isocoumarins / 3-alkylidenephthalides: Ultrasound assisted synthesis and identification of new anticancer agents. European Journal of Medicinal Chemistry, 2020, 201, 112335.	2.6	8
24	In silico studies, synthesis and anticancer activity of novel diphenyl ether-based pyridine derivatives. Molecular Diversity, 2019, 23, 541-554.	2.1	7
25	Design, Synthesis, Biological Evaluation and Molecular Dynamic Simulation Studies of Diphenyl Ether Derivatives as Antitubercular and Antibacterial Agents. ChemistrySelect, 2020, 5, 201-210.	0.7	7
26	Novel isatinâ€“indole derivatives as potential inhibitors of chorismate mutase (CM): their synthesis along with unexpected formation of 2-indolylmethylamino benzoate ester under Pdâ€“Cu catalysis. RSC Advances, 2020, 10, 289-297.	1.7	6
27	An improved synthesis of latanoprost involving effective control on 15(S) diastereomer. Synthetic Communications, 2019, 49, 2350-2356.	1.1	5
28	activity of recombinant lysostaphin in combination with linezolid, vancomycin and oxacillin against methicillin-resistant. Iranian Journal of Microbiology, 2017, 9, 208-212.	0.8	5
29	Synthesis, Characterization, and Preclinical Evaluation of New Thiazolidin-4-ones Substituted with p-Chlorophenoxy Acetic Acid and Clofibric Acid against Insulin Resistance and Metabolic Disorder. BioMed Research International, 2014, 2014, 1-14.	0.9	4
30	Molecular dynamics simulation and in vitro evaluation of herbâ€“drug interactions involving dietary polyphenols and <scp>CDK</scp> inhibitors in breast cancer chemotherapy. Phytotherapy Research, 0, , .	2.8	4
31	Synthesis and characterization of novel chiral imidazolium and pyridinium ionic liquids derived from tartaric acid and 2-oxazolidinone. Synthetic Communications, 2019, 49, 1173-1180.	1.1	3
32	Design, synthesis, in silico and in vitro evaluation of novel diphenyl ether derivatives as potential antitubercular agents. Molecular Diversity, 2020, 24, 1265-1279.	2.1	3
33	An Improved Process for Synthesis of (S)-Duloxetine Hydrochloride Involving Enzymatic Asymmetric Carbonyl Reduction on a Novel Ketoamine. Organic Preparations and Procedures International, 2021, 53, 1-8.	0.6	3
34	Repurposing of approved drugs and nutraceuticals to identify potential inhibitors of SARS-COV-2â€™s entry into human host cells: a structural analysis using induced-fit docking, MMGBSA and molecular dynamics simulation approach. Molecular Simulation, 2022, 48, 367-386.	0.9	3
35	Fe(III)-catalyzed regioselective and faster synthesis of isocoumarins with 3-oxoalkyl moiety at C-4: Identification of new inhibitors of PDE4. Bioorganic Chemistry, 2022, 121, 105667.	2.0	3
36	Synthesis of novel class of 2-oxazolidinone based chiral ionic liquids. Synthetic Communications, 2018, 48, 2435-2440.	1.1	2

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37	Enantioselective Michael addition of malonic esters to benzalacetophenone by using chiral phase transfer catalysts derived from proline-mandelic acid/tartaric acid. Journal of Chemical Sciences, 2019, 131, 1.	0.7	2
38	Pd-catalysed general access to 7-membered N/O-heterocyclic compounds as potential agents against inflammation. Chemical Communications, 2021, 57, 10091-10094.	2.2	2
39	Prediction of potential drug interactions between repurposed COVID-19 and antitubercular drugs: an integrational approach of drug information software and computational techniques data. Therapeutic Advances in Drug Safety, 2021, 12, 204209862110412.	1.0	2
40	Molecular insights into Mmpl3 lead to the development of novel indole-2-carboxamides as antitubercular agents. Molecular Systems Design and Engineering, 0, , .	1.7	2
41	â€˜One-potâ€™ organocatalyzed enantioselective synthesis of highly functionalized 3,4,5,6-tetrasubstituted dihydropyrans by sequential Knoevenagel condensation/Michael addition and hemiacetalization. Tetrahedron: Asymmetry, 2017, 28, 153-161.	1.8	1
42	Catalytic asymmetric oxidation of sulfides to sulfoxides using (R)-6,6$$^{prime }$$-Diphenyl-BINOL as a chiral ligand. Journal of Chemical Sciences, 2019, 131, 1.	0.7	1
43	Propargylamines in Pd/Cu-catalyzed tandem coupling-cyclization-N-deprotection in a single pot: Construction of N-unsubstituted vs N-sulfonyl indole ring. Tetrahedron Letters, 2021, 77, 153213.	0.7	1
44	Inhibition of Cytochrome P450 Enzyme and Drug-Drug Interaction Potential of Acid Reducing Agents Used in Management of CDK Inhibitors for Breast Cancer Chemotherapy. Current Drug Metabolism, 2022, 23, 137-149.	0.7	1
45	The synthesis of sutezolid and eperezolid using proline catalyzed Î±-aminoxylation of an aldehyde. Journal of Chemical Sciences, 2022, 134, 1.	0.7	1
46	Asymmetric oxidation of sulfides catalyzed by (R)-6,6'-dibromo-BINOL derived titanium complex. Synthetic Communications, 2020, 50, 2810-2818.	1.1	0
47	Use of convertible isocyanides for the synthesis of benazepril hydrochloride. Journal of Chemical Sciences, 2021, 133, 1.	0.7	0
48	A Comparative Study of 1D Descriptors Supported CoMFA and CoMSIA QSAR Models to Gain Novel Insights into 1,2,4-Triazoles Acting As Antitubercular Agents. Current Computer-Aided Drug Design, 2021, 17, 281-293.	0.8	0