

Gautham G Shenoy

List of Publications by Year in descending order

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48
papers

625
citations

840119

11
h-index

642321

23
g-index

48
all docs

48
docs citations

48
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Repurposing of approved drugs and nutraceuticals to identify potential inhibitors of SARS-COV-2's entry into human host cells: a structural analysis using induced-fit docking, MMGBSA and molecular dynamics simulation approach. <i>Molecular Simulation</i> , 2022, 48, 367-386.	0.9	3
2	Fe(III)-catalyzed regioselective and faster synthesis of isocoumarins with 3-oxoalkyl moiety at C-4: Identification of new inhibitors of PDE4. <i>Bioorganic Chemistry</i> , 2022, 121, 105667.	2.0	3
3	Inhibition of Cytochrome P450 Enzyme and Drug-Drug Interaction Potential of Acid Reducing Agents Used in Management of CDK Inhibitors for Breast Cancer Chemotherapy. <i>Current Drug Metabolism</i> , 2022, 23, 137-149.	0.7	1
4	The synthesis of sutezolid and epereszolid using proline catalyzed α -aminoxylation of an aldehyde. <i>Journal of Chemical Sciences</i> , 2022, 134, 1.	0.7	1
5	An Improved Process for Synthesis of (S)-Duloxetine Hydrochloride Involving Enzymatic Asymmetric Carbonyl Reduction on a Novel Ketoamine. <i>Organic Preparations and Procedures International</i> , 2021, 53, 1-8.	0.6	3
6	Use of convertible isocyanides for the synthesis of benazepril hydrochloride. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	0.7	0
7	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. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 281-293.	0.8	0
8	Propargylamines in Pd/Cu-catalyzed tandem coupling-cyclization-N-deprotection in a single pot: Construction of N-unsubstituted vs N-sulfonyl indole ring. <i>Tetrahedron Letters</i> , 2021, 77, 153213.	0.7	1
9	Sonochemical synthesis of rosvastatin based novel 3-methyleneisoindolin-1-one derivatives as potential anticancer agents. <i>Journal of Molecular Structure</i> , 2021, 1240, 130574.	1.8	9
10	PdCl ₂ -catalyzed synthesis of a new class of isocoumarin derivatives containing aminosulfonyl / aminocarboxamide moiety: First identification of a isocoumarin based PDE4 inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113514.	2.6	11
11	Pd-catalysed general access to 7-membered N/O-heterocyclic compounds as potential agents against inflammation. <i>Chemical Communications</i> , 2021, 57, 10091-10094.	2.2	2
12	Prediction of potential drug interactions between repurposed COVID-19 and antitubercular drugs: an integrational approach of drug information software and computational techniques data. <i>Therapeutic Advances in Drug Safety</i> , 2021, 12, 204209862110412.	1.0	2
13	Design, synthesis, in silico and in vitro evaluation of novel diphenyl ether derivatives as potential antitubercular agents. <i>Molecular Diversity</i> , 2020, 24, 1265-1279.	2.1	3
14	Application of Ugi three component reaction for the synthesis of quinapril hydrochloride. <i>Synthetic Communications</i> , 2020, 50, 48-55.	1.1	8
15	Novel isatin-indole derivatives as potential inhibitors of chorismate mutase (CM): their synthesis along with unexpected formation of 2-indolylmethylamino benzoate ester under Pd-Cu catalysis. <i>RSC Advances</i> , 2020, 10, 289-297.	1.7	6
16	Synthesis, evaluation, molecular docking, and molecular dynamics studies of novel 4-(pyridin-2-yl)benzylamine derivatives as potential antitubercular agents. <i>Drug Development Research</i> , 2020, 81, 315-328.	1.4	8
17	Design, Synthesis, Biological Evaluation and Molecular Dynamic Simulation Studies of Diphenyl Ether Derivatives as Antitubercular and Antibacterial Agents. <i>ChemistrySelect</i> , 2020, 5, 201-210.	0.7	7
18	Gaining deeper insights into the surface binding of bedaquiline analogues with the ATP synthase subunit C of <i>Mycobacterium tuberculosis</i> using molecular docking, molecular dynamics simulation and 3D-QSAR techniques. <i>New Journal of Chemistry</i> , 2020, 44, 18831-18852.	1.4	11

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19	Histone Demethylase KDM5B as a Therapeutic Target for Cancer Therapy. <i>Cancers</i> , 2020, 12, 2121.	1.7	26
20	Rosuvastatin based novel 3-substituted isocoumarins / 3-alkylidenephthalides: Ultrasound assisted synthesis and identification of new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112335.	2.6	8
21	Synthesis of 11,12-dihydro benzo[c]phenanthridines via a Pd-catalyzed unusual construction of isocoumarin ring/FeCl ₃ -mediated intramolecular arene-allyl cyclization: First identification of a benzo[c]phenanthridine based PDE4 inhibitor. <i>Bioorganic Chemistry</i> , 2020, 97, 103691.	2.0	11
22	Asymmetric oxidation of sulfides catalyzed by (R)-6,6'-dibromo-BINOL derived titanium complex. <i>Synthetic Communications</i> , 2020, 50, 2810-2818.	1.1	0
23	Design, synthesis, evaluation, and molecular dynamic simulation of triclosan mimic diphenyl ether derivatives as antitubercular and antibacterial agents. <i>Structural Chemistry</i> , 2020, 31, 983-998.	1.0	10
24	Design, synthesis, and evaluation of novel diphenyl ether derivatives against drug susceptible and drug resistant strains of <i>Mycobacterium tuberculosis</i> . <i>Chemical Biology and Drug Design</i> , 2019, 93, 60-66.	1.5	9
25	An improved synthesis of latanoprost involving effective control on 15(S) diastereomer. <i>Synthetic Communications</i> , 2019, 49, 2350-2356.	1.1	5
26	Synthesis, antitubercular evaluation, molecular docking and molecular dynamics studies of 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles. <i>Journal of Molecular Structure</i> , 2019, 1197, 117-133.	1.8	14
27	Enantioselective Michael addition of malonic esters to benzalacetophenone by using chiral phase transfer catalysts derived from proline-mandelic acid/tartaric acid. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	2
28	Synthesis of 3-indolylmethyl substituted (pyrazolo/benzo)triazinone derivatives under Pd/Cu-catalysis: Identification of potent inhibitors of chorismate mutase (CM). <i>Bioorganic Chemistry</i> , 2019, 91, 103155.	2.0	11
29	Catalytic asymmetric oxidation of sulfides to sulfoxides using (R)-6,6'-Diphenyl-BINOL as a chiral ligand. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	1
30	InCl ₃ 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. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 198-215.	2.6	24
31	Response Surface Methodology for Optimization of Ultrasound-Assisted Transdermal Delivery and Skin Retention of Asenapine Maleate. <i>Journal of Pharmaceutical Innovation</i> , 2019, 14, 391-399.	1.1	9
32	Synthesis and characterization of novel chiral imidazolium and pyridinium ionic liquids derived from tartaric acid and 2-oxazolidinone. <i>Synthetic Communications</i> , 2019, 49, 1173-1180.	1.1	3
33	Synthesis of novel phase transfer catalysts derived from proline-mandelic acid/tartaric acid: their evaluation in enantioselective epoxidation and Darzen condensation. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	8
34	In silico studies, synthesis and anticancer activity of novel diphenyl ether-based pyridine derivatives. <i>Molecular Diversity</i> , 2019, 23, 541-554.	2.1	7
35	Design, synthesis and evaluation of antitubercular activity of Triclosan analogues. <i>Arabian Journal of Chemistry</i> , 2019, 12, 3316-3323.	2.3	20
36	Design, Synthesis and Evaluation of Antitubercular Activity of Novel 1,2,4-Triazoles Against MDR Strain of <i>Mycobacterium tuberculosis</i> . <i>Pharmaceutical Chemistry Journal</i> , 2018, 51, 907-917.	0.3	10

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37	Synthesis of novel class of 2-oxazolidinone based chiral ionic liquids. <i>Synthetic Communications</i> , 2018, 48, 2435-2440.	1.1	2
38	One-pot™ organocatalyzed enantioselective synthesis of highly functionalized 3,4,5,6-tetrasubstituted dihydropyrans by sequential Knoevenagel condensation/Michael addition and hemiacetalization. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 153-161.	1.8	1
39	activity of recombinant lysostaphin in combination with linezolid, vancomycin and oxacillin against methicillin-resistant. <i>Iranian Journal of Microbiology</i> , 2017, 9, 208-212.	0.8	5
40	Rational design and synthesis of novel diphenyl ether derivatives as antitubercular agents. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2299-2310.	2.0	11
41	The p-toluenesulfonic acid catalyzed single pot synthesis of tetracyclic 1,2-dihydroquinolines: a metal free approach. <i>New Journal of Chemistry</i> , 2016, 40, 4888-4890.	1.4	10
42	Fabrication, solid state characterization and bioavailability assessment of stable binary amorphous phases of Ritonavir with Quercetin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 329-338.	2.0	66
43	Synthesis, Characterization, and Preclinical Evaluation of New Thiazolidin-4-ones Substituted with p-Chlorophenoxy Acetic Acid and Clofibrac Acid against Insulin Resistance and Metabolic Disorder. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	4
44	Preparation and characterization of co-amorphous Ritonavir-Indomethacin systems by solvent evaporation technique: Improved dissolution behavior and physical stability without evidence of intermolecular interactions. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 57-64.	1.9	116
45	Synthesis and in-vitro antimicrobial activity of new 1,2,4-triazoles. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 267-272.	1.2	68
46	Structure-Activity Relationships at the 5-Position of Thiolactomycin: An Intact (5R)-Isoprene Unit Is Required for Activity against the Condensing Enzymes from <i>Mycobacterium tuberculosis</i> and <i>Escherichia coli</i> . <i>Journal of Medicinal Chemistry</i> , 2006, 49, 159-171.	2.9	79
47	Molecular insights into Mmp13 lead to the development of novel indole-2-carboxamides as antitubercular agents. <i>Molecular Systems Design and Engineering</i> , 0, , .	1.7	2
48	Molecular dynamics simulation and in vitro evaluation of herb-drug interactions involving dietary polyphenols and CDK inhibitors in breast cancer chemotherapy. <i>Phytotherapy Research</i> , 0, , .	2.8	4