

Girinath G Pillai

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

601
citations

759233

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46
all docs

46
docs citations

46
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing a molecular roadmap to Narasimha Rasayana: A system Polypharmacology approach. <i>Gene Reports</i> , 2022, 26, 101488.	0.8	0
2	Design, Synthesis, and Molecular Docking Studies of Curcumin Hybrid Conjugates as Potential Therapeutics for Breast Cancer. <i>Pharmaceuticals</i> , 2022, 15, 451.	3.8	11
3	Theoretical Studies on the Structure and Various Physico-Chemical and Biological Properties of a Terphenyl Derivative with Immense Anti-Protozoan Activity. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 825-840.	2.6	44
4	In-silico driven design and development of spirobenzimidazo-quinazolines as potential DNA gyrase inhibitors. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111132.	5.6	9
5	Biological processes and key druggable targets involved in age-associated memory loss: A systematic review. <i>Life Sciences</i> , 2021, 270, 119079.	4.3	2
6	Synergistic Effects of <i>Limosilactobacillus fermentum</i> ASBT-2 with Oxysresveratrol Isolated from Coconut Shell Waste. <i>Foods</i> , 2021, 10, 2548.	4.3	2
7	Review on druggable targets of key age-associated properties regulated by therapeutic agents. <i>Chemical Biology and Drug Design</i> , 2020, 96, 1069-1083.	3.2	1
8	Efficient Synthesis and Computational Studies of Useful Guanylyating Agents: 1 H- <i>1</i> -Benzotriazole- <i>1</i> -carboximidamides. <i>ChemistrySelect</i> , 2020, 5, 13963-13968.	1.5	1
9	Expansion of Phosphane Treasure Box for Staudinger Peptide Ligation. <i>Journal of Organic Chemistry</i> , 2020, 85, 12147-12159.	3.2	8
10	Computational strategies towards developing novel antimelanogenic agents. <i>Life Sciences</i> , 2020, 250, 117602.	4.3	1
11	Aziridine based electrophilic handle for aspartic acid ligation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4311-4319.	2.8	2
12	Synthesis, characterization and energetic properties of novel 1-methyl-1,2,4-triazolium N-aryl/N-pyridinyl ylids. <i>Tetrahedron Letters</i> , 2017, 58, 1079-1085.	1.4	5
13	Design and discovery of novel monastrol-1,3,5-triazines as potent anti-breast cancer agent via attenuating Epidermal Growth Factor Receptor tyrosine kinase. <i>Scientific Reports</i> , 2017, 7, 5851.	3.3	52
14	Insect Olfactory System as Target for Computer-Aided Design of Mosquito Repellents. , 2017, , 39-64.		2
15	Differential Potency of 2,6-Dimethylcyclohexanol Isomers for Positive Modulation of GABAA Receptor Currents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 570-579.	2.5	4
16	Traceless reductive ligation at a tryptophan site: a facile access to β^2 -hydroxytryptophan appended peptides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9578-9587.	2.8	3
17	Synthesis of pyridinium N-aryl/N-heteroarylcyclic ylides as potential energetic materials. <i>Tetrahedron Letters</i> , 2016, 57, 20-24.	1.4	2
18	The synthesis and energetic properties of pyridinium and triazolium nitrobenzoyl ylids. <i>Arkivoc</i> , 2016, 2016, 99-109.	0.5	0

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19	Robust Modeling and Scaffold Hopping: Case Study Based on HIV Reverse Transcriptase Inhibitors Type-1 Data. <i>Medicinal Chemistry</i> , 2016, 12, 513-526.	1.5	1
20	Synthesis and Properties of Energetic 1,2,4-Oxadiazoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7468-7474.	2.4	11
21	Synthesis, Characterization and Energetic Properties of 1,3,4-Oxadiazoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5183-5188.	2.4	13
22	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9492-9503.	2.8	35
23	Mechanism-Based QSAR Modeling of Skin Sensitization. <i>Chemical Research in Toxicology</i> , 2015, 28, 1975-1986.	3.3	36
24	Synthesis, and QSAR analysis of anti-oncological active spiro-alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1741-1753.	2.8	37
25	Synthesis, bioassay, and QSAR study of bronchodilatory active 4H-pyrano[3,2-c]pyridine-3-carbonitriles. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 835-843.	5.5	20
26	Theoretical Modeling of HPV: QSAR and Novodesign with Fragment Approach. <i>Current Computer-Aided Drug Design</i> , 2015, 10, 303-314.	1.2	1
27	Synthesis of Lys-Aminoxy-Coralatide. <i>Journal of Peptide Science</i> , 2014, 20, 923-927.	1.4	1
28	Synthesis and QSAR studies of some novel disubstituted 1,2,4-triazoles as antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 848-861.	2.4	11
29	Long-Range Chemical Ligation from N ⁺ Acyl Migrations in Tryptophan Peptides via Cyclic Transition States of 10- to 18-Members. <i>Chemistry - A European Journal</i> , 2014, 20, 8189-8198.	3.3	13
30	Tandem Deprotection-Dimerization-Macrocyclization Route to C ₂ Symmetric Cyclo-Tetrapeptides. <i>Chemistry - A European Journal</i> , 2014, 20, 4874-4879.	3.3	11
31	Dual inhibition of the α -glucosidase and butyrylcholinesterase studied by Molecular Field Topology Analysis. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 228-242.	5.5	30
32	Synthesis, Bioassay, and Molecular Field Topology Analysis of Diverse Vasodilatory Heterocycles. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1103-1116.	5.4	10
33	In Silico Machine Learning Methods in Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1913-1922.	2.1	40
34	Conformationally Assisted Lactamizations for the Synthesis of Symmetrical and Unsymmetrical Bis-2,5-diketopiperazines. <i>Journal of Organic Chemistry</i> , 2013, 78, 8510-8523.	3.2	7
35	α -Substitution Effects on the Ease of S _N 2 Acyl Transfer in Aminothioesters. <i>Chemical Biology and Drug Design</i> , 2013, 81, 577-582.	3.2	9
36	Promising <i>Aedes aegypti</i> Repellent Chemotypes Identified through Integrated QSAR, Virtual Screening, Synthesis, and Bioassay. <i>PLoS ONE</i> , 2013, 8, e64547.	2.5	43

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37	The SOA formation model combined with semiempirical quantum chemistry for predicting UV-Vis absorption of secondary organic aerosols. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9058.	2.8	20
38	A convenient synthesis of difficult medium-sized cyclic peptides by Staudinger mediated ring-closure. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8055.	2.8	27
39	Computational studies on molecular interactions of 6-thioguanosine analogs with anthrax toxin receptor 1. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2012, 4, 183-189.	3.6	9
40	Similarity analysis, synthesis, and bioassay of antibacterial cyclic peptidomimetics. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1146-1160.	2.2	12
41	Quantitative Structure–Activity/Property Relationships: The Ubiquitous Links between Cause and Effect. <i>ChemPlusChem</i> , 2012, 77, 507-517.	2.8	52