

Aluru rammohan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

216
citations

7
h-index

14
g-index

26
ext. papers

303
ext. citations

3
avg, IF

3.54
L-index

#	Paper	IF	Citations
25	Chalcone synthesis, properties and medicinal applications: a review. <i>Environmental Chemistry Letters</i> , 2020 , 18, 433-458	13.3	72
24	Molecular docking, molecular dynamics simulation, biological evaluation and 2D QSAR analysis of flavonoids from <i>Syzygium alternifolium</i> as potent anti- <i>Helicobacter pylori</i> agents. <i>RSC Advances</i> , 2017 , 7, 18277-18292	3.7	38
23	Design, synthesis, docking and biological evaluation of chalcones as promising antidiabetic agents. <i>Bioorganic Chemistry</i> , 2020 , 95, 103527	5.1	21
22	Isoorientin, a Selective Inhibitor of Cyclooxygenase-2 (COX-2) from the Tubers of <i>Pueraria tuberosa</i> . <i>Natural Product Communications</i> , 2015 , 10, 1703-4	0.9	10
21	Development of novel HER2 inhibitors against gastric cancer derived from flavonoid source of through molecular dynamics and pharmacophore-based screening. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 3611-3632	4.4	9
20	A new di-C-prenylated coumarin from <i>Sophora interrupta</i> . <i>Natural Product Research</i> , 2015 , 29, 82-5	2.3	7
19	A new O-prenylated flavonol from the roots of <i>Sophora interrupta</i> . <i>Natural Product Research</i> , 2013 , 27, 1823-6	2.3	7
18	In silico, in vitro antioxidant and density functional theory based structure activity relationship studies of plant polyphenolics as prominent natural antioxidants. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 3690-3701	5.9	6
17	Isolation of flavonoids from the flowers of <i>Rhynchosia beddomei</i> Baker as prominent antimicrobial agents and molecular docking. <i>Microbial Pathogenesis</i> , 2019 , 136, 103667	3.8	6
16	A facile synthesis of triazine integrated antipyrene derivatives through ecofriendly approach. <i>Synthetic Communications</i> , 2021 , 51, 256-262	1.7	6
15	Structure elucidation and antioxidant activity of the phenolic compounds from <i>Rhynchosia suaveolens</i> . <i>Natural Product Communications</i> , 2015 , 10, 609-11	0.9	6
14	Two new chalcones from <i>Clerodendrum phlomidis</i> . <i>Journal of Asian Natural Products Research</i> , 2015 , 17, 343-7	1.5	5
13	Structure-Based Virtual Screening of LpxA Inhibitors Using Pharmacophore-Based Approach. <i>Biomolecules</i> , 2020 , 10,	5.9	4
12	Isoorientin, a Selective Inhibitor of Cyclooxygenase-2 (COX-2) from the Tubers of <i>Pueraria tuberosa</i> . <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501001	0.9	4
11	Total Synthesis of (3R, 4 S)-4-Hydroxylasiopodin via Ring Closing Metathesis Protocol. <i>ChemistrySelect</i> , 2019 , 4, 5345-5347	1.8	3
10	Structure Elucidation and Antioxidant Activity of the Phenolic Compounds from <i>Rhynchosia suaveolens</i> . <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	3
9	Phytochemistry and pharmacological activities of the genus <i>Rhynchosia</i> : a comprehensive review. <i>Planta</i> , 2019 , 251, 9	4.7	3

8	Studies towards a new C-alkylation method at 3-position of indoles. <i>Monatshefte für Chemie</i> , 2020 , 151, 1131-1134	1.4	1
7	Bedd. root-derived flavonoids as prominent antiviral agents against Newcastle disease virus.. <i>RSC Advances</i> , 2020 , 10, 33534-33543	3.7	1
6	Molecular insight into isoform specific inhibition of PI3K- and PKC- with dietary agents through an ensemble pharmacophore and docking studies. <i>Scientific Reports</i> , 2021 , 11, 12150	4.9	1
5	Minireview: Remdesivir, A Prominent Nucleotide/Nucleoside Antiviral Drug. <i>Polycyclic Aromatic Compounds</i> , 1-8	1.3	1
4	A New Geranylated Chalcone from <i>Andrographis Lobelioides</i> . <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601100	0.9	1
3	Studies towards the Total Synthesis of Kadcotrione B. <i>Synthesis</i> , 2020 , 52, 735-743	2.9	0
2	Assessment on facile Diels-Alder approach of Epyrone and terpenoquinone for the expedient synthesis of various natural scaffolds.. <i>Natural Products and Bioprospecting</i> , 2022 , 12, 12	4.9	0
1	Two New Flavonoids from the Seeds of <i>Derris scandens</i> . <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200701	1.3	1