

Aluru rammohan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

429
citations

1039406

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752256

20
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26
all docs

26
docs citations

26
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Chalcone synthesis, properties and medicinal applications: a review. Environmental Chemistry Letters, 2020, 18, 433-458.	8.3	182
2	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. RSC Advances, 2017, 7, 18277-18292.	1.7	60
3	Design, synthesis, docking and biological evaluation of chalcones as promising antidiabetic agents. Bioorganic Chemistry, 2020, 95, 103527.	2.0	43
4	Development of novel HER2 inhibitors against gastric cancer derived from flavonoid source of <i>Syzygium alternifolium</i> through molecular dynamics and pharmacophore-based screening. Drug Design, Development and Therapy, 2016, Volume 10, 3611-3632.	2.0	16
5	In silico, in vitro antioxidant and density functional theory based structure activity relationship studies of plant polyphenolics as prominent natural antioxidants. Arabian Journal of Chemistry, 2020, 13, 3690-3701.	2.3	14
6	Isolation of flavonoids from the flowers of <i>Rhynchosia beddomei</i> Baker as prominent antimicrobial agents and molecular docking. Microbial Pathogenesis, 2019, 136, 103667.	1.3	12
7	Structure-Based Virtual Screening of <i>Pseudomonas aeruginosa</i> LpxA Inhibitors using Pharmacophore-Based Approach. Biomolecules, 2020, 10, 266.	1.8	10
8	A facile synthesis of triazine integrated antipyrene derivatives through ecofriendly approach. Synthetic Communications, 2021, 51, 256-262.	1.1	10
9	Isoorientin, a Selective Inhibitor of Cyclooxygenase-2 (COX-2) from the Tubers of <i>Pueraria tuberosa</i> . Natural Product Communications, 2015, 10, 1703-4.	0.2	10
10	A new <i>O</i> -prenylated flavonol from the roots of <i>Sophora interrupta</i> . Natural Product Research, 2013, 27, 1823-1826.	1.0	8
11	Isoorientin, a Selective Inhibitor of Cyclooxygenase-2 (COX-2) from the Tubers of <i>Pueraria tuberosa</i> . Natural Product Communications, 2015, 10, 1934578X1501001.	0.2	8
12	Phytochemistry and pharmacological activities of the genus <i>Rhynchosia</i> : a comprehensive review. Planta, 2020, 251, 9.	1.6	8
13	Structure elucidation and antioxidant activity of the phenolic compounds from <i>Rhynchosia suaveolens</i> . Natural Product Communications, 2015, 10, 609-11.	0.2	8
14	A new di-C-prenylated coumarin from <i>Sophora interrupta</i> . Natural Product Research, 2015, 29, 82-85.	1.0	7
15	Molecular insight into isoform specific inhibition of PI3K and PKC with dietary agents through an ensemble pharmacophore and docking studies. Scientific Reports, 2021, 11, 12150.	1.6	6
16	Structure Elucidation and Antioxidant Activity of the Phenolic Compounds from <i>Rhynchosia suaveolens</i> . Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	5
17	Two new chalcones from <i>Clerodendrum phlomidis</i> . Journal of Asian Natural Products Research, 2015, 17, 343-347.	0.7	5
18	Total Synthesis of (3R, 4S)-4-Hydroxylasiiodiplodin via Ring Closing Metathesis Protocol. ChemistrySelect, 2019, 4, 5345-5347.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Studies towards the Total Synthesis of Kadcotrione B. <i>Synthesis</i> , 2020, 52, 735-743.	1.2	3
20	<i>Sophora interrupta</i> Bedd. root-derived flavonoids as prominent antiviral agents against Newcastle disease virus. <i>RSC Advances</i> , 2020, 10, 33534-33543.	1.7	3
21	Assessment on facile Diels-Alder approach of α -pyrone and terpenoquinone for the expedient synthesis of various natural scaffolds. <i>Natural Products and Bioprospecting</i> , 2022, 12, 12.	2.0	3
22	A convenient synthetic approach to 5-(het)arylhydrazine substituted 1,2,4-triazines. <i>Chimica Techno Acta</i> , 2020, 7, 204-208.	0.3	2
23	A New Geranylated Chalcone from <i>Andrographis Lobelioides</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	1
24	Studies towards a new C-alkylation method at 3-position of indoles. <i>Monatshefte für Chemie</i> , 2020, 151, 1131-1134.	0.9	1
25	Minireview: Remdesivir, A Prominent Nucleotide/Nucleoside Antiviral Drug. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-8.	1.4	1
26	Two New Flavonoids from the Seeds of <i>Derris scandens</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.2	0