

Ramith Ramu

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.

38
papers

382
citations

9
h-index

18
g-index

50
ext. papers

674
ext. citations

2.8
avg, IF

3.55
L-index

#	Paper	IF	Citations
38	Inhibitory effect of banana (<i>Musa sp. var. Nanjangud rasa bale</i>) flower extract and its constituents Umbelliferone and Lupeol on α -glucosidase, aldose reductase and glycation at multiple stages. <i>South African Journal of Botany</i> , 2014 , 95, 54-63	2.9	52
37	Facile microwave-assisted green synthesis of ZnO nanoparticles: application to photodegradation, antibacterial and antioxidant. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 1004-1021	2.1	39
36	The effect of a plant extract enriched in stigmasterol and β -sitosterol on glycaemic status and glucose metabolism in alloxan-induced diabetic rats. <i>Food and Function</i> , 2016 , 7, 3999-4011	6.1	35
35	Assessment of In Vivo Antidiabetic Properties of Umbelliferone and Lupeol Constituents of Banana (<i>Musa sp. var. Nanjangud Rasa Bale</i>) Flower in Hyperglycaemic Rodent Model. <i>PLoS ONE</i> , 2016 , 11, e0151135	3.7	26
34	Therapeutic Potentials of Triterpenes in Diabetes and its Associated Complications. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 2532-42	3	21
33	Investigation of antihyperglycaemic activity of banana (<i>Musa sp. var. Nanjangud rasa bale</i>) pseudostem in normal and diabetic rats. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 165-73	4.3	19
32	A systematic review on ethnopharmacology, phytochemistry and pharmacological aspects of Linn. <i>Heliyon</i> , 2021 , 7, e07054	3.6	17
31	Preparation, spectral characterization and biological applications of Schiff base ligand and its transition metal complexes. <i>Results in Chemistry</i> , 2019 , 1, 100012	2.1	14
30	Toxicopathological studies on the effects of T-2 mycotoxin and their interaction in juvenile goats. <i>PLoS ONE</i> , 2020 , 15, e0229463	3.7	10
29	Investigation of Antihyperglycaemic Activity of Banana (sp. Var. Nanjangud rasa bale) Flower in Normal and Diabetic Rats. <i>Pharmacognosy Magazine</i> , 2017 , 13, S417-S423	0.8	9
28	Assessment of Nutritional Quality and Global Antioxidant Response of Banana (sp. CV. Nanjangud Rasa Bale) Pseudostem and Flower. <i>Pharmacognosy Research (discontinued)</i> , 2017 , 9, S74-S83	0.7	9
27	α -Glucosidase, α -Amylase Inhibition, Kinetics and Docking Studies of Novel (2-Chloro-6-(trifluoromethyl)benzyloxy)arylidene) Based Rhodanine and Rhodanine Acetic Acid Derivatives. <i>ChemistrySelect</i> , 2021 , 6, 9637-9644	1.8	9
26	Evaluation of flavonoids from banana pseudostem and flower (quercetin and catechin) as potent inhibitors of α -glucosidase: An in silico perspective. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-15	3.6	8
25	In vitro and in silico studies of fluorinated 2,3-disubstituted thiazolidinone-pyrazoles as potential α -Amylase inhibitors and antioxidant agents.. <i>Archiv Der Pharmazie</i> , 2021 , e2100342	4.3	7
24	Green Synthesis of BiVO ₄ Nanoparticles by Microwave Method using Aegle marmelos Juice as a Fuel: Photocatalytic and Antimicrobial Study. <i>Analytical Chemistry Letters</i> , 2020 , 10, 298-306	1	6
23	Competent synthesis of biaryl analogs via asymmetric Suzuki-Miyaura cross-coupling for the development of anti-inflammatory and analgesic agents. <i>Journal of the Iranian Chemical Society</i> , 2021 , 1	2	6
22	Fabrication and Evaluation of Quercetin Nanoemulsion: A Delivery System with Improved Bioavailability and Therapeutic Efficacy in Diabetes Mellitus.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	6

21	Azadirachta indica A. Juss (neem) as a contraceptive: An evidence-based review on its pharmacological efficiency. <i>Phytomedicine</i> , 2021 , 88, 153596	6.5	6
20	Inhibitory Effect of Polyphenols from the Whole Green Jackfruit Flour against β -Glucosidase, β -Amylase, Aldose Reductase and Glycation at Multiple Stages and Their Interaction: Inhibition Kinetics and Molecular Simulations.. <i>Molecules</i> , 2022 , 27,	4.8	6
19	Defining the Role of Isoeugenol from against Diabetes Mellitus-Linked Alzheimer's Disease through Network Pharmacology and Computational Methods.. <i>Molecules</i> , 2022 , 27,	4.8	6
18	Discovery of novel benzophenone integrated derivatives as anti-Alzheimer's agents targeting presenilin-1 and presenilin-2 inhibition: A computational approach.. <i>PLoS ONE</i> , 2022 , 17, e0265022	3.7	5
17	Development of a simple and reliable species-specific detection of <i>Phomopsis azadirachtae</i> , using the translation elongation factor 1-alpha gene. <i>European Journal of Plant Pathology</i> , 2015 , 141, 769-778	2.1	4
16	identification of novel benzophenone-coumarin derivatives as SARS-CoV-2 RNA-dependent RNA polymerase (RdRp) inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-17	3.6	4
15	Azadirachta indica A. Juss (neem) against diabetes mellitus: a critical review on its phytochemistry, pharmacology, and toxicology. <i>Journal of Pharmacy and Pharmacology</i> , 2021 ,	4.8	4
14	<i>Thunbergia mysorensis</i> mediated nano silver oxide for enhanced antibacterial, antioxidant, anticancer potential and in vitro hemolysis evaluation. <i>Journal of Molecular Structure</i> , 2022 , 1255, 132455	2.4	3
13	Synthesis, characterization, docking study and antimicrobial activity of 2-(4-benzoylphenoxy)-1-[2-(1-methyl-1H-indol-3-yl)methyl]-1H-benzo[d]imidazol-1-yl] ethanone derivatives. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 2741-2756	2	3
12	Evaluation of Probiotic and Antidiabetic Attributes of <i>Lactobacillus</i> Strains Isolated From Fermented Beetroot. <i>Frontiers in Microbiology</i> , 13 ,	5.7	3
11	Pharmacological profile of Shiva Gutika: an uncharted and versatile polyherbal drug. <i>International Journal of Transgender Health</i> , 2021 , 14, 215-219	3	2
10	Green synthesis and evaluation of antiangiogenic, photocatalytic, and electrochemical activities of BiVO ₄ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 14028-14046	2.1	2
9	Potential antileptospiral constituents from <i>Phyllanthus amarus</i> . <i>Pharmacognosy Magazine</i> , 2020 , 16, 371	0.8	1
8	Design, synthesis, docking, Hirshfeld surface analysis and DFT calculations of 2-methylxanthen-9-yl with the FtsZ protein from <i>Staphylococcus aureus</i> . <i>Bioinformatics</i> , 2021 , 17, 393-403	1.1	1
7	Chemical synthesis, in vitro biological evaluation and theoretical investigations of transition metal complexes derived from 2-(((5-mercapto-1H-pyrrol-2-yl)imino) methyl)6-methoxyphenol. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130920	3.4	1
6	Salicylic acid-mediated enhancement of resistance in tomato plants against .. <i>Saudi Journal of Biological Sciences</i> , 2022 , 29, 2253-2261	4	0
5	Eco-Mediated Synthesis of Visible Active Bi ₂ WO ₆ Nanoparticles and its Performance Towards Photocatalyst, Supercapacitor, Biosensor, and Antioxidant Activity. <i>Journal of Cluster Science</i> , 1	3	0
4	Monitoring progression of the die back pathogen <i>Phomopsis azadirachtae</i> in neem seedlings. <i>Indian Phytopathology</i> , 2019 , 72, 139-146	1	

- 3 IMPACT OF ACTIVE COMPOUNDS ISOLATED FROM BANANA (MUSA SP. VAR. NANJANGUD RASABALE) FLOWER AND PSEUDOSTEM TOWARDS CYTOPROTECTIVE AND DNA PROTECTION ACTIVITIES. *International Journal of Pharmacy and Pharmaceutical Sciences*, **2017**, 9, 21 0.3
- 2 Safety and efficacy of linezolid treatment in comparison with vancomycin for methicillin-resistant *Staphylococcus aureus* nosocomial infection: A prospective study in Mysore City, South India. *International Journal of Health & Allied Sciences*, **2021**, 10, 23 0.3
- 1 Synthesis, characterization, and antimicrobial analysis of 5-phenyl-4-((2-(piperazin-1-yl)ethyl)thio)-1,2,3-oxadiazole analogs through in vitro and in silico approach. *Journal of Molecular Structure*, **2022**, 1252, 132168 3.4