Ramith Ramu

List of Publications by Year in Descending Order

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	Thunbergia mysorensis mediated nano silver oxide for enhanced antibacterial, antioxidant, anticancer potential and in vitro hemolysis evaluation. *Journal of Molecular Structure*, **2022**, 1255, 132455	3.4	3
37	Salicylic acid-mediated enhancement of resistance in tomato plants against .. *Saudi Journal of Biological Sciences*, **2022**, 29, 2253-2261	4	0
36	Fabrication and Evaluation of Quercetin Nanoemulsion: A Delivery System with Improved Bioavailability and Therapeutic Efficacy in Diabetes Mellitus.. *Pharmaceuticals*, **2022**, 15,	5.2	6
35	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	
34	Inhibitory Effect of Polyphenols from the Whole Green Jackfruit Flour against □-Glucosidase, □-Amylase, Aldose Reductase and Glycation at Multiple Stages and Their Interaction: Inhibition Kinetics and Molecular Simulations.. *Molecules*, **2022**, 27,	4.8	6
33	Discovery of novel benzophenone integrated derivatives as anti-Alzheimer's agents targeting presenilin-1 and presenilin-2 inhibition: A computational approach.. *PLoS ONE*, **2022**, 17, e0265022	3.7	5
32	Defining the Role of Isoeugenol from against Diabetes Mellitus-Linked Alzheimer's Disease through Network Pharmacology and Computational Methods.. *Molecules*, **2022**, 27,	4.8	6
31	Pharmacological profile of Shiva Gutika: an uncharted and versatilepolyherbal drug. *International Journal of Transgender Health*, **2021**, 14, 215-219	3	2
30	In vitro and in silico studies of fluorinated 2,3-disubstituted thiazolidinone-pyrazoles as potential □-amylase inhibitors and antioxidant agents.. *Archiv Der Pharmazie*, **2021**, e2100342	4.3	7
29	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	
28	identification of novel benzophenone-coumarin derivatives as SARS-CoV-2 RNA-dependent RNA polymerase (RdRp) inhibitors. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-17	3.6	4
27	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. *Journal of the Iranian Chemical Society*, **2021**, 18, 2741-2756	2	3
26	Green synthesis and evaluation of antiangiogenic, photocatalytic, and electrochemical activities of BiVO4 nanoparticles. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 14028-14046	2.1	2
25	A systematic review on ethnopharmacology, phytochemistry and pharmacological aspects of Linn. *Heliyon*, **2021**, 7, e07054	3.6	17
24	Azadirachta indica A. Juss (neem) as a contraceptive: An evidence-based review on its pharmacological efficiency. *Phytomedicine*, **2021**, 88, 153596	6.5	6
23	Design, synthesis, docking, Hirshfeld surface analysis and DFT calculations of 2-methylxanthen-9-with the FtsZ protein from Staphylococcus aureus. *Bioinformation*, **2021**, 17, 393-403	1.1	1
22	Azadirachta indica A. Juss (neem) against diabetes mellitus: a critical review on its phytochemistry, pharmacology, and toxicology. *Journal of Pharmacy and Pharmacology*, **2021**,	4.8	4

21	□Glucosidase, □Amylase Inhibition, Kinetics and Docking Studies of Novel (2-Chloro-6-(trifluoromethyl)benzyloxy)arylidene) Based Rhodanine and Rhodanine Acetic Acid Derivatives. *ChemistrySelect*, **2021**, 6, 9637-9644	1.8	9
20	Evaluation of flavonoids from banana pseudostem and flower (quercetin and catechin) as potent inhibitors of □glucosidase: An in silico perspective. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-15	3.6	8
19	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. *Journal of Molecular Structure*, **2021**, 1244, 130920	3.4	1
18	Toxicopathological studies on the effects of T-2 mycotoxin and their interaction in juvenile goats. *PLoS ONE*, **2020**, 15, e0229463	3.7	10
17	Green Synthesis of BiVO4 Nanoparticles by Microwave Method using Aegle marmelos Juice as a Fuel: Photocatalytic and Antimicrobial Study. *Analytical Chemistry Letters*, **2020**, 10, 298-306	1	6
16	Potential antileptospiral constituents from Phyllanthus amarus. *Pharmacognosy Magazine*, **2020**, 16, 371	0.8	1
15	Facile microwave-assisted green synthesis of ZnO nanoparticles: application to photodegradation, antibacterial and antioxidant. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 1004-1021	2.1	39
14	Monitoring progression of the die back pathogen Phomopsis azadirachtae in neem seedlings. *Indian Phytopathology*, **2019**, 72, 139-146	1	
13	Preparation, spectral characterization and biological applications of Schiff base ligand and its transition metal complexes. *Results in Chemistry*, **2019**, 1, 100012	2.1	14
12	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	
11	Investigation of Antihyperglycaemic Activity of Banana (sp. Var. Nanjangud rasa bale) Flower in Normal and Diabetic Rats. *Pharmacognosy Magazine*, **2017**, 13, S417-S423	0.8	9
10	Assessment of Nutritional Quality and Global Antioxidant Response of Banana (sp. CV. Nanjangud Rasa Bale) Pseudostem and Flower. *Pharmacognosy Research (discontinued)*, **2017**, 9, S74-S83	0.7	9
9	The effect of a plant extract enriched in stigmasterol and □sitosterol on glycaemic status and glucose metabolism in alloxan-induced diabetic rats. *Food and Function*, **2016**, 7, 3999-4011	6.1	35
8	Assessment of In Vivo Antidiabetic Properties of Umbelliferone and Lupeol Constituents of Banana (Musa sp. var. Nanjangud Rasa Bale) Flower in Hyperglycaemic Rodent Model. *PLoS ONE*, **2016**, 11, e0151135	3.7	26
7	Therapeutic Potentials of Triterpenes in Diabetes and its Associated Complications. *Current Topics in Medicinal Chemistry*, **2016**, 16, 2532-42	3	21
6	Investigation of antihyperglycaemic activity of banana (Musa sp. var. Nanjangud rasa bale) pseudostem in normal and diabetic rats. *Journal of the Science of Food and Agriculture*, **2015**, 95, 165-73	4.3	19
5	Development of a simple and reliable species-specific detection of Phomopsis azadirachtae, using the translation elongation factor 1-alpha gene. *European Journal of Plant Pathology*, **2015**, 141, 769-778	2.1	4
4	Inhibitory effect of banana (Musa sp. var. Nanjangud rasa bale) flower extract and its constituents Umbelliferone and Lupeol on □glucosidase, aldose reductase and glycation at multiple stages. *South African Journal of Botany*, **2014**, 95, 54-63	2.9	52

3	Competent synthesis of biaryl analogs via asymmetric Suzuki–Miyaura cross-coupling for the development of anti-inflammatory and analgesic agents. *Journal of the Iranian Chemical Society*,1	2	6
2	Eco-Mediated Synthesis of Visible Active Bi2WO6 Nanoparticles and its Performance Towards Photocatalyst, Supercapacitor, Biosensor, and Antioxidant Activity. *Journal of Cluster Science*,1	3	0
1	Evaluation of Probiotic and Antidiabetic Attributes of Lactobacillus Strains Isolated From Fermented Beetroot. *Frontiers in Microbiology*,13,	5.7	3