

Ramanathan Thirugnanasambandam

List of Publications by Year in descending order

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52
papers

672
citations

687220

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56
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56
docs citations

56
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	Musa acuminata and its bioactive metabolite 5-Hydroxymethylfurfural mitigates quorum sensing (las) Tj ETQq1 1 in vitro. Journal of Ethnopharmacology, 2020, 246, 112242.	0.784314 2.0	rgBT /Ove 36
2	Molecular docking and molecular dynamics simulation studies to identify potent AURKA inhibitors: assessing the performance of density functional theory, MM-GBSA and mass action kinetics calculations. Journal of Biomolecular Structure and Dynamics, 2020, 38, 4325-4335.	2.0	28
3	Isolation and identification of Anti-Oxidant Fraction from Active Extract of Rhizophora mucronata Poir. Leaves. Pharmaceutical Chemistry Journal, 2020, 54, 380-385.	0.3	3
4	Inhibitory Effect of Excoecaria Agallocha L. Extracts on Elastase and Collagenase and Identification of Metabolites Using HPLC-UV-MS Techniques. Pharmaceutical Chemistry Journal, 2018, 51, 960-964.	0.3	4
5	Antiquorum sensing and biofilm potential of 5- Hydroxymethylfurfural against Gram positive pathogens. Microbial Pathogenesis, 2018, 125, 48-50.	1.3	21
6	Topical Delivery of Nano-encapsulated Rutoside Medication for Diabetic Foot Ulcer in Rat Model. Nanoscience and Nanotechnology - Asia, 2018, 8, .	0.3	2
7	Antibacterial Studies of Rhizophora mucronata with Special Reference to Staphylococcus aureus Isolated from Diabetic Foot Ulcer Patients. LS International Journal of Life Sciences, 2018, 7, 84.	0.2	0
8	<i>Avicennia alba</i> mangrove derived squalene compound inhibited the MNNG induced gastric cancer in Albino rats. Journal of Herbs, Spices and Medicinal Plants, 2018, 24, 302-314.	0.5	2
9	SURVEY, ISOLATION, BIOCHEMICAL CHARACTERIZATION, AND IDENTIFICATION OF HELICOBACTER PYLORI FROM GASTRIC PATIENT BIOPSY. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 411.	0.3	1
10	Anti-cancer Activities of Methanol Extract of <i>Rhizophora mucronata</i> against Breast Cancer MCF7 Cell Line. Indian Internet Journal of Forensic Medicine & Toxicology, 2017, 15, 71.	0.0	0
11	Effect of Glycosin alkaloid from Rhizophora apiculata in non-insulin dependent diabetic rats and its mechanism of action: In vivo and in silico studies. Phytomedicine, 2016, 23, 632-640.	2.3	35
12	Influence of Rutoside Loaded Solid Lipid Nanoparticles to Enhance Oral Bioavailability: Characterization, Pharmacokinetic, and Pharmacodynamic Studies. Advanced Science, Engineering and Medicine, 2016, 8, 350-359.	0.3	3
13	Influence of Rhizophora apiculata Blume extracts on $\hat{\pm}$ -glucosidase: Enzyme kinetics and molecular docking studies. Biocatalysis and Agricultural Biotechnology, 2015, 4, 653-660.	1.5	11
14	Antimicrobial and Radical Scavenging Effects of Alkaloid Extracts from Rhizophora Mucronata. Pharmaceutical Chemistry Journal, 2015, 49, 34-37.	0.3	13
15	Chemopreventive Effect of Acanthus ilicifolius Extract on Modulating Antioxidants, Lipid Peroxidation and Membrane Bound Enzymes in Diethyl Nitrosamine Induced Liver Carcinogenesis. International Journal of Cancer Research, 2015, 12, 1-16.	0.2	5
16	Influence of Rhizophora apiculata Flavonoids on Chemical and Thermal Induced Nociceptive Models. British Journal of Pharmaceutical Research, 2015, 7, 102-109.	0.4	7
17	Molecular docking studies on potential PPAR- $\hat{3}$ agonist from <i>Rhizophora apiculata</i>. Bangladesh Journal of Pharmacology, 2014, 9, .	0.1	6
18	Molecular docking, isolation and biological evaluation of Rhizophora mucronata flavonoids as anti-nociceptive agents. Biomedicine and Preventive Nutrition, 2014, 4, 555-560.	0.9	7

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19	In Vitro Hepatoprotective Activity of Isolated Fractions of <i>Cressa Cretica</i> . <i>Pharmaceutical Chemistry Journal</i> , 2014, 48, 121-126.	0.3	6
20	Documentation of hypoglycemic and wound healing plants in Kodiyampalayam coastal village (southeast coast of India). <i>Journal of Coastal Life Medicine</i> , 2014, . .	0.2	2
21	Chemical Compositions of Medicinal Mangrove Species <i>Acanthus ilicifolius</i> , <i>Excoecaria agallocha</i> , <i>Rhizophora apiculata</i> and <i>Rhizophora mucronata</i> . <i>Current Research in Chemistry</i> , 2014, 7, 1-8.	0.5	17
22	Molecular Docking Studies of <i>Rhizophora mucronata</i> Alkaloids Against Neuroinflammatory Marker Cyclooxygenase 2. <i>International Journal of Biological Chemistry</i> , 2014, 8, 91-99.	0.3	6
23	Studies on Phytochemical Screening, Antimicrobial and Anti Radical Scavenging Effect Coastal Salt Mash Plant of a <i>Suaeda monoica</i> . <i>Research Journal of Phytochemistry</i> , 2014, 8, 102-111.	0.1	10
24	In silico Screening of Cyclooxygenase Inhibitory Molecules from Mangroves. <i>Trends in Bioinformatics</i> , 2014, 7, 13-18.	0.3	0
25	In vitro Anticancer Effect of <i>Acanthus ilicifolius</i> on Hepatocellular Carcinoma Cells. <i>Asian Journal of Biochemistry</i> , 2014, 9, 179-186.	0.5	2
26	Gastric Cancer Protective Effect of Mangrove Oil, Derived from <i>Rhizophora apiculata</i> on Benzo(a)Pyrene Induced Cancer in Albino Mice. <i>International Journal of Cancer Research</i> , 2014, 11, 19-31.	0.2	0
27	Formulation and Evaluation of Tablets from Antidiabetic Alkaloid Glycosin. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2014, 15, 18-24.	0.0	2
28	Antimicrobial and radical scavenging effects of alkaloid extracts from <i>Rhizophora mucronata</i> . <i>Pharmaceutical Chemistry Journal</i> , 2013, 47, 50-53.	0.3	19
29	Studies on effects of <i>Andrographis paniculata</i> (Burm.f.) and <i>Andrographis lineata</i> nees (Family:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 176-179.	0.4	7
30	Phylogeny of Indian Rhizophoraceae Based on the Molecular Data from Chloroplast tRNALEUUA Intergenic Sequences. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1130-1137.	0.2	1
31	Direct Organogenesis of Seaside Heliotrope (<i>Heliotropium crassavicum</i>) Using Stem Explants. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1216-1219.	0.2	2
32	<i>Ipomoea pes-caprae</i> Mediated Silver Nanoparticles and their Antibacterial Effect. <i>Science International</i> , 2013, 1, 155-159.	0.4	5
33	Low Cost Material Enhanced the in vitro Regeneration and Micro Propagation of Medicinal Sand Dune Plant Species <i>Ipomoea Pes-caprae</i> (L.) R. Br.. <i>American Journal of Plant Physiology</i> , 2013, 9, 16-23.	0.2	0
34	Dipeptidyl peptidase IV inhibitors derived from a mangrove flora <i>Rhizophora mucronata</i> : An in silico approach. <i>Bangladesh Journal of Pharmacology</i> , 2012, 7, .	0.1	13
35	Alpha glucosidase inhibitory effect and enzyme kinetics of coastal medicinal plants. <i>Bangladesh Journal of Pharmacology</i> , 2012, 7, .	0.1	20
36	Genetic Identification of <i>Ceriops decandra</i> (Chiru Kandal) using tRNA (Leu) Molecular Marker. <i>Asian Journal of Plant Sciences</i> , 2012, 11, 91-95.	0.2	2

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37	Antidiabetic effect of a black mangrove species <i>Aegiceras corniculatum</i> in alloxan-induced diabetic rats. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2012, 3, 52-6.	0.4	18
38	Biomedical potential of silver nanoparticles synthesized from calli cells of <i>Citrullus colocynthis</i> (L.) Schrad. <i>Journal of Nanobiotechnology</i> , 2011, 9, 43.	4.2	161
39	Anti-Inflammatory Activity of the Marine Cyanobacterium <i>Trichodesmium Erythraeum</i> against Carrageenan-Induced Paw Oedema in Wistar Albino Rats. <i>European Journal of Inflammation</i> , 2011, 9, 53-56.	0.2	15
40	Production of Extra Cellular α -amylase using <i>Bacillus megaterium</i> isolated from White Mangrove (<i>Avicennia marina</i>). <i>Asian Journal of Biotechnology</i> , 2011, 3, 310-316.	0.3	15
41	Standardization of DNA Isolation and PCR Protocol for RAPD Analysis of <i>Suaeda</i> sp.. <i>Asian Journal of Biotechnology</i> , 2011, 3, 486-492.	0.3	11
42	Hemolytic and Anti Microbial Effect in the Leaves of <i>Acanthus ilicifolius</i> . <i>Journal of Pharmacology and Toxicology</i> , 2011, 6, 196-200.	0.4	9
43	Antioxidant and Free Radical Scavenging Effect of <i>Acanthus ilicifolius</i> . <i>Research Journal of Applied Sciences</i> , 2011, 6, 218-222.	0.1	7
44	Local Anesthetic Effect of <i>Citrullus colocynthis</i> on <i>Rana hexadactyla</i> . <i>Research Journal of Medicinal Plant</i> , 2011, 5, 338-342.	0.3	13
45	Plant Mediated Synthesis of Biomedical Silver Nanoparticles by Using Leaf Extract of <i>Citrullus colocynthis</i> . <i>Research Journal of Nanoscience and Nanotechnology</i> , 2011, 1, 95-101.	2.0	40
46	In vitro effect of organic and inorganic additives from the & production of radial mycelial growth and lignocellulolytic enzyme & in <i>Lentinus edodes</i> (Berk.) Sing.. <i>Emirates Journal of Food and Agriculture</i> , 2011, 23, 71.	1.0	6
47	Bitter Apple (<i>Citrullus colocynthis</i>): An Overview of Chemical Composition and Biomedical Potentials. <i>Asian Journal of Plant Sciences</i> , 2010, 9, 394-401.	0.2	49
48	Antioxidant and Radical Scavenging Activity of Nine Edible Mushrooms Extract. <i>International Journal of Pharmacology</i> , 2010, 6, 950-953.	0.1	12
49	Screening of Anti-microbial Effect in Watermelon (<i>Citrullus</i> sp.). <i>Journal of Biological Sciences</i> , 2010, 10, 682-685.	0.1	5
50	In vitro Plant Regeneration from Leaf Primordia of Gum-bearing Tree <i>Aegle marmelos</i> . <i>Research Journal of Forestry</i> , 2010, 4, 208-212.	0.5	3
51	Biochemical Indicators for Rooting in <i>Casuarina equisetifolia</i> Clones. <i>Asian Journal of Plant Sciences</i> , 2010, 9, 364-367.	0.2	1
52	Milky Mangrove <i>Excoecaria agallocha</i> L. Plant as a source for potential mosquito larvicides. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 102-105.	0.7	2