

Vetriselvan Subramaniyan

List of Publications by Year in descending order

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61
papers

1,058
citations

471061

17
h-index

552369

26
g-index

62
all docs

62
docs citations

62
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review on the Therapeutic Potential of <i>Curcuma longa</i> Linn. in Relation to its Major Active Constituent Curcumin. <i>Frontiers in Pharmacology</i> , 2022, 13, 820806.	1.6	88
2	Alcohol-associated liver disease: A review on its pathophysiology, diagnosis and drug therapy. <i>Toxicology Reports</i> , 2021, 8, 376-385.	1.6	53
3	Promising Natural Products in New Drug Design, Development, and Therapy for Skin Disorders: An Overview of Scientific Evidence and Understanding Their Mechanism of Action. <i>Drug Design, Development and Therapy</i> , 2022, Volume 16, 23-66.	2.0	45
4	Hesperidin and its aglycone hesperetin in breast cancer therapy: A review of recent developments and future prospects. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6730-6747.	1.8	41
5	Drug Delivery of Natural Products Through Nanocarriers for Effective Breast Cancer Therapy: A Comprehensive Review of Literature. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7891-7941.	3.3	41
6	Ultraflexible Liposome Nanocargo as a Dermal and Transdermal Drug Delivery System. <i>Nanomaterials</i> , 2021, 11, 2557.	1.9	38
7	A review on epidermal growth factor receptor's role in breast and non-small cell lung cancer. <i>Chemico-Biological Interactions</i> , 2022, 351, 109735.	1.7	37
8	Comprehensive Review of Methodology to Detect Reactive Oxygen Species (ROS) in Mammalian Species and Establish Its Relationship with Antioxidants and Cancer. <i>Antioxidants</i> , 2021, 10, 128.	2.2	35
9	Evaluation and Characterization of Tamarind Gum Polysaccharide: The Biopolymer. <i>Polymers</i> , 2021, 13, 3023.	2.0	34
10	A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases. <i>Antioxidants</i> , 2020, 9, 1075.	2.2	31
11	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Regenerative Potential and Challenges. <i>Biology</i> , 2021, 10, 172.	1.3	31
12	Blastocystis sp., Parasite Associated with Gastrointestinal Disorders: An Overview of its Pathogenesis, Immune Modulation and Therapeutic Strategies. <i>Current Pharmaceutical Design</i> , 2018, 24, 3172-3175.	0.9	30
13	Chitosan-Coated 5-Fluorouracil Incorporated Emulsions as Transdermal Drug Delivery Matrices. <i>Polymers</i> , 2021, 13, 3345.	2.0	29
14	Long Noncoding RNA UCA1 in Gastrointestinal Cancers: Molecular Regulatory Roles and Patterns, Mechanisms, and Interactions. <i>Journal of Oncology</i> , 2021, 2021, 1-15.	0.6	28
15	Chemistry, Biosynthesis, Physicochemical and Biological Properties of Rubiadin: A Promising Natural Anthraquinone for New Drug Discovery and Development. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 4527-4549.	2.0	27
16	Evaluation of Antitumor Efficacy of Chitosan-Tamarind Gum Polysaccharide Polyelectrolyte Complex Stabilized Nanoparticles of Simvastatin. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2533-2553.	3.3	23
17	In Silico Molecular Docking Analysis of Karanjin against Alzheimer's and Parkinson's Diseases as a Potential Natural Lead Molecule for New Drug Design, Development and Therapy. <i>Molecules</i> , 2022, 27, 2834.	1.7	23
18	Genistein: A Potential Natural Lead Molecule for New Drug Design and Development for Treating Memory Impairment. <i>Molecules</i> , 2022, 27, 265.	1.7	21

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19	Nâ€terminal domain of SARS CoVâ€2 spike protein mutation associated reduction in effectivity of neutralizing antibody with vaccinated individuals. <i>Journal of Medical Virology</i> , 2021, 93, 5726-5728.	2.5	19
20	<i>Mangifera indica</i> (Mango): A Promising Medicinal Plant for Breast Cancer Therapy and Understanding Its Potential Mechanisms of Action. <i>Breast Cancer: Targets and Therapy</i> , 2021, Volume 13, 471-503.	1.0	19
21	Therapeutic potential of mangiferin against kidney disorders and its mechanism of action: A review. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1530-1542.	1.8	19
22	Fabrication of Tizanidine Loaded Patches Using Flaxseed Oil and Coriander Oil as a Penetration Enhancer for Transdermal Delivery. <i>Polymers</i> , 2021, 13, 4217.	2.0	18
23	Potential of Marine Terpenoids against SARS-CoV-2: An In Silico Drug Development Approach. <i>Biomedicines</i> , 2021, 9, 1505.	1.4	16
24	Promising Nutritional Fruits Against Cardiovascular Diseases: An Overview of Experimental Evidence and Understanding Their Mechanisms of Action. <i>Vascular Health and Risk Management</i> , 2021, Volume 17, 739-769.	1.0	16
25	Deciphering the role of nanoparticles for management of bacterial meningitis: an update on recent studies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60459-60476.	2.7	15
26	Kirenol: A Potential Natural Lead Molecule for a New Drug Design, Development, and Therapy for Inflammation. <i>Molecules</i> , 2022, 27, 734.	1.7	15
27	Silibinin and Naringenin against Bisphenol A-Induced Neurotoxicity in Zebrafish Modelâ€Potential Flavonoid Molecules for New Drug Design, Development, and Therapy for Neurological Disorders. <i>Molecules</i> , 2022, 27, 2572.	1.7	15
28	Molecular Regulatory Roles of Long Non-coding RNA HOTTIP: An Overview in Gastrointestinal Cancers. <i>Current Molecular Medicine</i> , 2022, 22, 478-490.	0.6	13
29	Antiarthritic Activity of <i>Achyranthes Aspera</i> on Formaldehyde - Induced Arthritis in Rats. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 2709-2714.	0.1	13
30	Matrix Metalloproteinases in Chemoresistance: Regulatory Roles, Molecular Interactions, and Potential Inhibitors. <i>Journal of Oncology</i> , 2022, 2022, 1-25.	0.6	13
31	Chemical Characterization and Anti-Inflammatory Activity of Phytoconstituents from <i>Swertia alata</i> . <i>Plants</i> , 2021, 10, 1109.	1.6	12
32	Tilianin: A Potential Natural Lead Molecule for New Drug Design and Development for the Treatment of Cardiovascular Disorders. <i>Molecules</i> , 2022, 27, 673.	1.7	12
33	Determination of Temperature-Dependent Coefficients of Viscosity and Surface Tension of Tamarind Seeds (<i>Tamarindus indica</i> L.) Polymer. <i>Polymers</i> , 2021, 13, 610.	2.0	11
34	Mucoadhesive microspheres of glutaraldehyde crosslinked mucilage of Isabgol husk for sustained release of gliclazide. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1420-1449.	1.9	11
35	Chemical Modification of Banana Trunk Fibers for the Production of Green Composites. <i>Polymers</i> , 2021, 13, 1943.	2.0	11
36	Antioxidant, Antidiabetic, and Antihyperlipidemic Activities of <i>Dolichandrone atrovirens</i> in Albino Wistar rats. <i>Research Journal of Pharmacy and Technology</i> , 2019, 12, 3511.	0.2	11

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37	Commercial utilities and future perspective of nanomedicines. PeerJ, 2021, 9, e12392.	0.9	11
38	Emergence of microneedles as a potential therapeutics in diabetes mellitus. Environmental Science and Pollution Research, 2022, 29, 3302-3322.	2.7	11
39	Characterization of Microwave-Controlled Polyacrylamide Graft Copolymer of Tamarind Seed Polysaccharide. Polymers, 2022, 14, 1037.	2.0	11
40	Fabrication and Characterization of Chitosan-Tamarind Seed Polysaccharide Composite Film for Transdermal Delivery of Protein/Peptide. Polymers, 2021, 13, 1531.	2.0	10
41	Disruption of the biological activity of protease-activated receptors _{2/4} in adults rather than children in SARS CoV-2 virus-mediated mortality in COVID-19 infection. Drug Development Research, 2021, 82, 1075-1078.	1.4	9
42	Exploring the focal role of LRRK2 kinase in Parkinson's disease. Environmental Science and Pollution Research, 2022, 29, 32368-32382.	2.7	7
43	A European pharmacotherapeutic agent roflumilast exploring integrated preclinical and clinical evidence for SARS CoV-2 mediated inflammation to organ damage. British Journal of Clinical Pharmacology, 2022, 88, 3562-3565.	1.1	7
44	Chemistry, Biosynthesis and Pharmacology of Sarsasapogenin: A Potential Natural Steroid Molecule for New Drug Design, Development and Therapy. Molecules, 2022, 27, 2032.	1.7	7
45	Biosynthesis and Response of Zinc Oxide Nanoparticles against Periimplantitis Triggering Pathogens. Materials, 2022, 15, 3170.	1.3	7
46	POTENTIAL ANTI-INFLAMMATORY ACTIVITY OF PLUMBAGO ZEYLANICA. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 372.	0.3	6
47	Different Domains of Dengue Research in Malaysia: A Systematic Review and Meta-Analysis of Questionnaire-Based Studies. International Journal of Environmental Research and Public Health, 2021, 18, 4474.	1.2	6
48	Pertinence of nutriments for a stalwart body. Environmental Science and Pollution Research, 2021, 28, 54531-54550.	2.7	6
49	Human Exfoliated Deciduous Teeth Stem Cells: Features and Therapeutic Effects on Neurogenerative and Hepatobiliary-pancreatic Diseases. Current Stem Cell Research and Therapy, 2021, 16, 563-576.	0.6	5
50	Impact of herbal drugs and its clinical application. International Journal of Research in Pharmaceutical Sciences, 2019, 10, 1340-1345.	0.0	5
51	Potential action of Rumex vesicarius (L.) against potassium dichromate and gentamicin induced nephrotoxicity in experimental rats. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 509-516.	0.2	5
52	Phytochemical screening and Antioxidant activity of Cananga odorata extract. Research Journal of Pharmacy and Technology, 2022, , 1230-1234.	0.2	5
53	Hemidesmus indicus and Usage for Arthritic Conditions. , 2019, , 507-521.		4
54	Chronic ethanol consumption-induced hepatotoxicity and protective effect of Boswellia serrata. National Journal of Physiology, Pharmacy and Pharmacology, 2016, 6, 170.	0.0	4

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55	A Review on DNA Vaccines in Pre-Clinical Trials Against SARS-CoV-2. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2022, 10, 487-493.	0.1	4
56	Update on Ethanol Induced Oxidative Stress in Liver Toxicity and the Effects of Pregnancy. <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 1873.	0.1	3
57	Etiopathophysiological role of the renin-angiotensin-aldosterone system in age-related muscular weakening: RAAS-independent beneficial role of ACE2 in muscle weakness. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23030.	1.4	3
58	COVID-19 Biomedical Plastics Wastes—Challenges and Strategies for Curbing the Environmental Disaster. <i>Sustainability</i> , 2022, 14, 6466.	1.6	3
59	Influence of Medication Error among Medical and Non-medical Students in a Malaysian University. <i>Journal of Young Pharmacists</i> , 2019, 11, 399-403.	0.1	2
60	Isolation of new phytometabolites from <i>Alpinia galanga</i> willd rhizomes. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1397-1401.	0.2	2
61	Impact of COVID-19 in public health: Prevalence and preventive approaches. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 1739-1745.	0.2	0