

Kumarappan Chidambaram

List of Publications by Year in descending order

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64
papers

1,066
citations

430442

18
h-index

454577

30
g-index

68
all docs

68
docs citations

68
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucilage of <i>Coccinia grandis</i> as an Efficient Natural Polymer-Based Pharmaceutical Excipient. <i>Polymers</i> , 2022, 14, 215.	2.0	8
2	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
3	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
4	Recent advances in multifunctional nanomaterials for photothermal-enhanced Fenton-based chemodynamic tumor therapy. <i>Materials Today Bio</i> , 2022, 13, 100197.	2.6	45
5	Multifunctional Biomimetic Nanofibrous Scaffold Loaded with Asiaticoside for Rapid Diabetic Wound Healing. <i>Pharmaceutics</i> , 2022, 14, 273.	2.0	34
6	Hormonal Therapy for Gynecological Cancers: How Far Has Science Progressed toward Clinical Applications?. <i>Cancers</i> , 2022, 14, 759.	1.7	29
7	Electrospun Biomimetic Multifunctional Nanofibers Loaded with Ferulic Acid for Enhanced Antimicrobial and Wound-Healing Activities in STZ-Induced Diabetic Rats. <i>Pharmaceutics</i> , 2022, 15, 302.	1.7	29
8	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 1713.	1.7	79
9	Chemistry, Biosynthesis and Pharmacology of Sarsasapogenin: A Potential Natural Steroid Molecule for New Drug Design, Development and Therapy. <i>Molecules</i> , 2022, 27, 2032.	1.7	7
10	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint. <i>Molecules</i> , 2022, 27, 2165.	1.7	47
11	Standardization, in-silico and in-vivo safety assessment of methanol extract of <i>Ziziphus mauritiana</i> Lam leaves. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 131, 105144.	1.3	6
12	Cancer Diagnosis of Microscopic Biopsy Images Using a Social Spider Optimisation-Tuned Neural Network. <i>Diagnostics</i> , 2022, 12, 11.	1.3	11
13	Synthesis and Photoluminescence Properties of MoS ₂ /Graphene Heterostructure by Liquid-Phase Exfoliation. <i>ACS Omega</i> , 2022, 7, 629-637.	1.6	9
14	Silibinin and Naringenin against Bisphenol A-Induced Neurotoxicity in Zebrafish Model—Potential Flavonoid Molecules for New Drug Design, Development, and Therapy for Neurological Disorders. <i>Molecules</i> , 2022, 27, 2572.	1.7	15
15	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
16	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
17	Genome editing and cancer: How far has research moved forward on CRISPR/Cas9?. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113011.	2.5	6
18	<i>Ziziphus mauritiana</i> Lam attenuates inflammation via downregulating NF- κ B pathway in LPS-stimulated RAW 264.7 macrophages & OVA-induced airway inflammation in mice models. <i>Journal of Ethnopharmacology</i> , 2022, 295, 115445.	2.0	6

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19	Studies on formulation development and evaluation of tolnaftate-loaded glycosomes. <i>Materials Research Innovations</i> , 2021, 25, 233-242.	1.0	1
20	A Subset of Primary Polydipsia, "Dipsogenic Diabetes Insipidus", in Apparently Healthy People Due to Excessive Water Intake: Not Enough Light to Illuminate the Dark Tunnel. <i>Healthcare (Switzerland)</i> , 2021, 9, 406.	1.0	1
21	Prospective Role of Peptide-Based Antiviral Therapy Against the Main Protease of SARS-CoV-2. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 628585.	1.6	31
22	Social Support, Self-Care Behaviour and Self-Efficacy in Patients with Type 2 Diabetes during the COVID-19 Pandemic: A Cross-Sectional Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 1607.	1.0	7
23	School-Based Exercise and Life Style Motivation Intervention (SEAL.MI) on Adolescent's Cardiovascular Risk Factors and Academic Performance: Catch Them Young. <i>Healthcare (Switzerland)</i> , 2021, 9, 1549.	1.0	0
24	Association of Maternal Observation and Motivation (MOM) Program with m-Health Support on Maternal and Newborn Health. <i>Healthcare (Switzerland)</i> , 2021, 9, 1629.	1.0	4
25	Preclinical Evaluation of Dimethyl Itaconate Against Hepatocellular Carcinoma via Activation of the e/iNOS-Mediated NF- κ B-Dependent Apoptotic Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 823285.	1.6	5
26	Curcumin-Celecoxib: a synergistic and rationale combination chemotherapy for breast cancer. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 1916-1927.	0.5	1
27	Mode of delivery, order of birth, parental age gap and autism spectrum disorder among Malaysian children: A case-control study. <i>Heliyon</i> , 2020, 6, e05068.	1.4	5
28	In-Vitro and In-Vivo Evaluation of Supersaturable Self-Nanoemulsifying Drug Delivery System (SNEDDS) of Dutasteride. <i>Current Drug Delivery</i> , 2020, 17, 74-86.	0.8	6
29	Fabrication of Non-Ionic Surfactant Vesicular Gel for Effective Treatment of Rheumatoid Arthritis. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2020, 9, 2289-2295.	0.1	5
30	ANTIOXIDANT AND FREE RADICAL SCAVENGING ACTIVITY OF NOTHAPODYTES NIMMONIANA EXTRACTS. <i>International Research Journal of Pharmacy</i> , 2020, 11, 15-19.	0.0	0
31	Understanding the genetic aspects of resistance to antidepressants treatment. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 7784-7795.	0.5	3
32	Drug/Vehicle Impacts and Formulation Centered Stratagems for Enhanced Transdermal Drug Permeation, Controlled Release and Safety: Unparalleled Past and Recent Innovations-An Overview. <i>Current Drug Therapy</i> , 2019, 14, 192-209.	0.2	6
33	In-vitro Inhibitory Effects of Polyphenolic Extract of <i>Ichnocarpus Frutescens</i> on Carbohydrate Digestive Enzymes. <i>Advances in Pharmacology and Pharmacy</i> , 2019, 7, 14-21.	0.1	2
34	ANTIDIABETIC ACTIVITY OF SENNA SURATTENSIS IN ALLOXAN-INDUCED DIABETIC RATS. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 160.	0.3	4
35	Topical nano-delivery of 5-fluorouracil: Preparation and characterization of water-in-oil nanoemulsion. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 2311.	0.2	12
36	Antidiabetic effect of polyphenol enriched extract of <i>Ichnocarpus frutescens</i> on key carbohydrate metabolic enzymes. <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 425-431.	0.3	4

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37	Investigation On Antidiarrhoeal Activity Of <i>Aristolochia Indica</i> Linn. Root Extracts In Mice. Tropical Journal of Obstetrics and Gynaecology, 2014, 11, 292.	0.3	5
38	Effects of nanosuspension and inclusion complex techniques on the in vitro protease inhibitory activity of naproxen. Brazilian Journal of Pharmaceutical Sciences, 2014, 50, 165-171.	1.2	4
39	Antifungal Activity of <i>Hypericum havvae</i> Against Some Medical <i>Candida</i> Yeast and <i>Cryptococcus</i> Species. Tropical Journal of Pharmaceutical Research, 2014, 13, 405.	0.2	10
40	A Simple HPLC Bioanalytical Method for the Determination of Doxorubicin Hydrochloride in Rat Plasma: Application to Pharmacokinetic Studies. Tropical Journal of Pharmaceutical Research, 2014, 13, 409.	0.2	28
41	Anti-Urolithiatic Activity of <i>Melia Azedarach</i> Linn Leaf Extract in Ethylene Glycol-Induced Urolithiasis in Male Albino Rats. Tropical Journal of Pharmaceutical Research, 2014, 13, 391.	0.2	10
42	Phytochemical, Pharmacological and Toxicological Properties of <i>Ficus deltoidea</i> : A Review of a Recent Research. Annual Research & Review in Biology, 2014, 4, 2357-2371.	0.4	8
43	±-Glucosidase and ±-Amylase Inhibitory Activity of <i>Senna surattensis</i> . JAMS Journal of Acupuncture and Meridian Studies, 2013, 6, 24-30.	0.3	138
44	Wound healing activity of an herbal ointment containing the leaf extract of <i>Ziziphus Mauritiana</i> Lam.. African Journal of Pharmacy and Pharmacology, 2013, 7, 98-103.	0.2	4
45	Neuroprotective potential of <i>Ocimum sanctum</i> (Linn) leaf extract in monosodium glutamate induced excitotoxicity. African Journal of Pharmacy and Pharmacology, 2013, 7, 1894-1906.	0.2	8
46	Effect of <i>Biophytum sensitivum</i> on streptozotocin and nicotinamide-induced diabetic rats. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 31-35.	0.5	44
47	In vitro antioxidant, antidiabetic and antilipidemic activities of <i>Symplocos cochinchinensis</i> (Lour.) S. Moore bark. Food and Chemical Toxicology, 2012, 50, 1547-1553.	1.8	51
48	Antioxidant activity of polyphenolic extracts of <i>Ichnocarpus frutescens</i> . Saudi Journal of Biological Sciences, 2012, 19, 349-355.	1.8	47
49	<i>In Vitro</i> Anticholinergic and Antihistaminic Activities of <i>Acorus Calamus</i> Linn. Leaves Extracts. Tropical Journal of Obstetrics and Gynaecology, 2012, 10, .	0.3	5
50	Hypolipidemic activity of <i>Symplocos cochinchinensis</i> S. Moore leaves in hyperlipidemic rats. Journal of Natural Medicines, 2012, 66, 32-38.	1.1	23
51	Antihaemolytic and snake venom neutralizing effect of some Indian medicinal plants. Asian Pacific Journal of Tropical Medicine, 2011, 4, 743-747.	0.4	25
52	Protective and curative effects of polyphenolic extracts from <i>Ichnocarpus frutescens</i> leaves on experimental hepatotoxicity by carbon tetrachloride and tamoxifen. Annals of Hepatology, 2011, 10, 63-72.	0.6	24
53	Hepatoprotective effect of <i>euphorbia hirta</i> on carbon tetrachloride induced liver injury in rats. Journal of Pharmaceutical and Allied Sciences, 2011, 8, .	0.1	0
54	Anti-carcinoma Activity of Polyphenolic Extract of <i>Ichnocarpus frutescens</i> . Planta Medica, 2009, 75, .	0.7	1

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55	Î±-Glucosidase inhibitory activity and in vitro antioxidant activities of alcohol-water extract (AWE) of <i>Ichnocarpus frutescens</i> leaves. <i>Medicinal Chemistry Research</i> , 2008, 17, 219-233.	1.1	12
56	Polyphenolic Extract of <i>Ichnocarpus frutescens</i> Attenuates Diabetic Complications in Streptozotocin-Treated Diabetic Rats. <i>Renal Failure</i> , 2008, 30, 307-322.	0.8	20
57	Anti-Adipogenic Activity of <i>Capsicum annum</i> (Solanaceae) in 3T3 L1. <i>Journal of Complementary and Integrative Medicine</i> , 2008, 5, .	0.4	0
58	Inhibition of Carbohydrate Digestive Enzymes by <i>Talinum portulacifolium</i> (Forssk) Leaf Extract. <i>Journal of Complementary and Integrative Medicine</i> , 2008, 5, .	0.4	23
59	Antioxidant Activity of <i>Talinum portulacifolium</i> (Forssk) Leaf Extracts. <i>Oriental Pharmacy and Experimental Medicine</i> , 2008, 8, 329-338.	1.2	4
60	Anti-tumor effect of <i>Euphorbia hirta</i> on Ehrlich's ascites carcinoma in mice. <i>Oriental Pharmacy and Experimental Medicine</i> , 2007, 7, 133-140.	1.2	1
61	Study of antidiarrheal activity of <i>Hydrocotyle javanica</i> in mice. <i>East and Central African Journal of Pharmaceutical Sciences</i> , 2006, 8, 31.	0.1	0
62	<i>Helicobacter pylori</i> " Current Therapy and Future Therapeutic Strategies. , 0, , .		1
63	23 Factorial Design and Optimization of Effervescent Floating Matrix Tablet of Neratinib. <i>Journal of Pharmaceutical Innovation</i> , 0, , 1.	1.1	2
64	Self-reported competency, knowledge and practices of teachers teaching primary children with autism in government schools of West Malaysia: a cross-sectional study. <i>F1000Research</i> , 0, 9, 768.	0.8	0