

# 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	Î±-Glucosidase and Î±-Amylase Inhibitory Activity of <i>Senna surattensis</i> . JAMS Journal of Acupuncture and Meridian Studies, 2013, 6, 24-30.	0.3	138
2	A Comprehensive Review on the Therapeutic Potential of <i>Curcuma longa</i> Linn. in Relation to its Major Active Constituent Curcumin. Frontiers in Pharmacology, 2022, 13, 820806.	1.6	88
3	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review. Molecules, 2022, 27, 1713.	1.7	79
4	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
5	Antioxidant activity of polyphenolic extracts of <i>Ichnocarpus frutescens</i> . Saudi Journal of Biological Sciences, 2012, 19, 349-355.	1.8	47
6	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint. Molecules, 2022, 27, 2165.	1.7	47
7	Recent advances in multifunctional nanomaterials for photothermal-enhanced Fenton-based chemodynamic tumor therapy. Materials Today Bio, 2022, 13, 100197.	2.6	45
8	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
9	Multifunctional Biomimetic Nanofibrous Scaffold Loaded with Asiaticoside for Rapid Diabetic Wound Healing. Pharmaceutics, 2022, 14, 273.	2.0	34
10	Prospective Role of Peptide-Based Antiviral Therapy Against the Main Protease of SARS-CoV-2. Frontiers in Molecular Biosciences, 2021, 8, 628585.	1.6	31
11	Hormonal Therapy for Gynecological Cancers: How Far Has Science Progressed toward Clinical Applications?. Cancers, 2022, 14, 759.	1.7	29
12	Electrospun Biomimetic Multifunctional Nanofibers Loaded with Ferulic Acid for Enhanced Antimicrobial and Wound-Healing Activities in STZ-Induced Diabetic Rats. Pharmaceutics, 2022, 15, 302.	1.7	29
13	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
14	Antihaemolytic and snake venom neutralizing effect of some Indian medicinal plants. Asian Pacific Journal of Tropical Medicine, 2011, 4, 743-747.	0.4	25
15	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
16	Inhibition of Carbohydrate Digestive Enzymes by <i>Talinum portulacifolium</i> (Forssk) Leaf Extract. Journal of Complementary and Integrative Medicine, 2008, 5, .	0.4	23
17	Hypolipidemic activity of <i>Symplocos cochinchinensis</i> S. Moore leaves in hyperlipidemic rats. Journal of Natural Medicines, 2012, 66, 32-38.	1.1	23
18	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. Molecules, 2022, 27, 2834.	1.7	23

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19	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
20	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
21	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
22	α-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
23	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
24	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
25	Cancer Diagnosis of Microscopic Biopsy Images Using a Social Spider Optimisation-Tuned Neural Network. <i>Diagnostics</i> , 2022, 12, 11.	1.3	11
26	Antifungal Activity of <i>Hypericum havvae</i> Against Some Medical <i>Candida</i> , Yeast and <i>Cryptococcus</i> Species. <i>Tropical Journal of Pharmaceutical Research</i> , 2014, 13, 405.	0.2	10
27	Anti-Urolithiatic Activity of <i>Melia Azedarach</i> Linn Leaf Extract in Ethylene Glycol-Induced Urolithiasis in Male Albino Rats. <i>Tropical Journal of Pharmaceutical Research</i> , 2014, 13, 391.	0.2	10
28	Synthesis and Photoluminescence Properties of MoS <sub>2</sub> /Graphene Heterostructure by Liquid-Phase Exfoliation. <i>ACS Omega</i> , 2022, 7, 629-637.	1.6	9
29	Neuroprotective potential of <i>Ocimum sanctum</i> (Linn) leaf extract in monosodium glutamate induced excitotoxicity. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 1894-1906.	0.2	8
30	Phytochemical, Pharmacological and Toxicological Properties of <i>Ficus deltoidea</i> : A Review of a Recent Research. <i>Annual Research &amp; Review in Biology</i> , 2014, 4, 2357-2371.	0.4	8
31	Mucilage of <i>Coccinia grandis</i> as an Efficient Natural Polymer-Based Pharmaceutical Excipient. <i>Polymers</i> , 2022, 14, 215.	2.0	8
32	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
33	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
34	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
35	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
36	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

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37	Genome editing and cancer: How far has research moved forward on CRISPR/Cas9?. Biomedicine and Pharmacotherapy, 2022, 150, 113011.	2.5	6
38	Ziziphus mauritiana Lam attenuates inflammation via downregulating NF- $\kappa$ B pathway in LPS-stimulated RAW 264.7 macrophages & OVA-induced airway inflammation in mice models. Journal of Ethnopharmacology, 2022, 295, 115445.	2.0	6
39	In Vitro Anticholinergic and Antihistaminic Activities of Acorus Calamus Linn. Leaves Extracts. Tropical Journal of Obstetrics and Gynaecology, 2012, 10, .	0.3	5
40	Investigation On Antidiarrhoeal Activity Of Aristolochia Indica Linn. Root Extracts In Mice. Tropical Journal of Obstetrics and Gynaecology, 2014, 11, 292.	0.3	5
41	Mode of delivery, order of birth, parental age gap and autism spectrum disorder among Malaysian children: A case-control study. Heliyon, 2020, 6, e05068.	1.4	5
42	Fabrication of Non-Ionic Surfactant Vesicular Gel for Effective Treatment of Rheumatoid Arthritis. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 2289-2295.	0.1	5
43	Preclinical Evaluation of Dimethyl Itaconate Against Hepatocellular Carcinoma via Activation of the e/iNOS-Mediated NF- $\kappa$ B-Dependent Apoptotic Pathway. Frontiers in Pharmacology, 2021, 12, 823285.	1.6	5
44	Wound healing activity of an herbal ointment containing the leaf extract of Ziziphus Mauritiana Lam.. African Journal of Pharmacy and Pharmacology, 2013, 7, 98-103.	0.2	4
45	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
46	Antidiabetic effect of polyphenol enriched extract of Ichnocarpus frutescens on key carbohydrate metabolic enzymes. International Journal of Diabetes in Developing Countries, 2015, 35, 425-431.	0.3	4
47	ANTIDIABETIC ACTIVITY OF SENNA SURATTENSIS IN ALLOXAN-INDUCED DIABETIC RATS. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 160.	0.3	4
48	Antioxidant Activity of Talinum portulacifolium (Forssk) Leaf Extracts. Oriental Pharmacy and Experimental Medicine, 2008, 8, 329-338.	1.2	4
49	Association of Maternal Observation and Motivation (MOM) Program with m-Health Support on Maternal and Newborn Health. Healthcare (Switzerland), 2021, 9, 1629.	1.0	4
50	Understanding the genetic aspects of resistance to antidepressants treatment. European Review for Medical and Pharmacological Sciences, 2020, 24, 7784-7795.	0.5	3
51	23 Factorial Design and Optimization of Effervescent Floating Matrix Tablet of Neratinib. Journal of Pharmaceutical Innovation, 0, , 1.	1.1	2
52	In-vitro Inhibitory Effects of Polyphenolic Extract of Ichnocarpus Frutescens on Carbohydrate Digestive Enzymes. Advances in Pharmacology and Pharmacy, 2019, 7, 14-21.	0.1	2
53	Anti-carcinoma Activity of Polyphenolic Extract of Ichnocarpus frutescens. Planta Medica, 2009, 75, .	0.7	1
54	Helicobacter pylori – Current Therapy and Future Therapeutic Strategies. , 0, , .		1

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55	Studies on formulation development and evaluation of tolnaftate-loaded glycosomes. Materials Research Innovations, 2021, 25, 233-242.	1.0	1
56	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. Healthcare (Switzerland), 2021, 9, 406.	1.0	1
57	Anti-tumor effect of Euphorbia hirta on Ehrlich's ascites carcinoma in mice. Oriental Pharmacy and Experimental Medicine, 2007, 7, 133-140.	1.2	1
58	Curcumin-Celecoxib: a synergistic and rationale combination chemotherapy for breast cancer. European Review for Medical and Pharmacological Sciences, 2021, 25, 1916-1927.	0.5	1
59	Study of antidiarrheal activity of <i>Hydrocotyle javanica</i> in mice. East and Central African Journal of Pharmaceutical Sciences, 2006, 8, 31.	0.1	0
60	Anti-Adipogenic Activity of Capsicum annum (Solanaceae) in 3T3 L1. Journal of Complementary and Integrative Medicine, 2008, 5, .	0.4	0
61	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
62	Self-reported competency, knowledge and practices of teachers teaching primary children with autism in government schools of West Malaysia: a cross-sectional study. F1000Research, 0, 9, 768.	0.8	0
63	ANTIOXIDANT AND FREE RADICAL SCAVENGING ACTIVITY OF NOTHAPODYTES NIMMONIANA EXTRACTS. International Research Journal of Pharmacy, 2020, 11, 15-19.	0.0	0
64	School-Based Exercise and Life Style Motivation Intervention (SEAL.MI) on Adolescent's Cardiovascular Risk Factors and Academic Performance: Catch Them Young. Healthcare (Switzerland), 2021, 9, 1549.	1.0	0