

# Karuppusamy Arunachalam

## List of Publications by Year in descending order

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58  
papers

741  
citations

586496  
16  
h-index

685536  
24  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tinospora cordifolia (Willd.) Miers: Protection mechanisms and strategies against oxidative stress-related diseases. Journal of Ethnopharmacology, 2022, 283, 114540.	2.0	21
2	Antioxidant and Antivenom Potential of an Essential Oil, 4-(2-Oxo-propyl)-cyclopentane-1,3-dione, and Allantoin Derived from the Polyherbal Combination of Aristolochia indica L. and Piper nigrum L.. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-20.	0.5	1
3	Extract of Tagetes erecta L., a medicinal plant rich in lutein, promotes gastric healing and reduces ulcer recurrence in rodents. Journal of Ethnopharmacology, 2022, 293, 115258.	2.0	10
4	A concise review of mushrooms antiviral and immunomodulatory properties that may combat against COVID-19. , 2022, 1, 100023.		25
5	Prevalence of molecular and serological tests of the new coronavirus (SARS-CoV-2) in Carlos Chagas laboratory " Sabin group in Cuiabá. Revista Da Associação Médica Brasileira, 2022, 68, 344-350.	0.3	0
6	Wheelchair basketball improves the treatment of urinary tract infection in people with motor disabilities: a clinical trial. Revista Da Associação Médica Brasileira, 2022, 68, 559-567.	0.3	3
7	The Antioxidant Properties of Mushroom Polysaccharides can Potentially Mitigate Oxidative Stress, Beta-Cell Dysfunction and Insulin Resistance. Frontiers in Pharmacology, 2022, 13, .	1.6	17
8	Toxicity and Antiulcer Properties of Ipomoea wightii (Wall.) Choisy Leaves: An In Vivo Approach Using Wistar Albino Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	1
9	Cytotoxicity and antibacterial activity of scutellarein and carajurone-enriched fraction obtained from the hydroethanolic extract of the leaves of <i>Fridericia chica</i> (Bonpl.) L.G. Lohmann. Natural Product Research, 2021, 35, 5287-5293.	1.0	3
10	Copaifera malmei Harms leaves infusion attenuates TNBS-ulcerative colitis through modulation of cytokines, oxidative stress and mucus in experimental rats. Journal of Ethnopharmacology, 2021, 267, 113499.	2.0	10
11	Experiments of Antifungal Activities. Springer Protocols, 2021, , 91-103.	0.1	0
12	Cell Culture Assays. Springer Protocols, 2021, , 3-19.	0.1	1
13	Animal Experiments on the Cardiovascular System. Springer Protocols, 2021, , 57-62.	0.1	0
14	Animal Experiment of Anti-nociceptive Activities. Springer Protocols, 2021, , 137-142.	0.1	1
15	Animal Experiments of Central Nervous System (CNS). Springer Protocols, 2021, , 173-180.	0.1	0
16	General Considerations and Collection of Animal Blood. Springer Protocols, 2021, , 51-55.	0.1	1
17	Standard Procedure for Anaesthesia in Preclinical Experiments. Springer Protocols, 2021, , 45-49.	0.1	0
18	Animal Experiments of Anti-Diabetic Activities. Springer Protocols, 2021, , 191-200.	0.1	0

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19	Animal Experiment of Wound Healing Activity. Springer Protocols, 2021, , 105-118.	0.1	0
20	Experiments of Anti-Cancer Activities (In Vitro and In Vivo). Springer Protocols, 2021, , 181-190.	0.1	0
21	Molecular Docking Methods for Drug Design. Springer Protocols, 2021, , 259-262.	0.1	0
22	Methanolic extract of <i>Cariniana rubra</i> Gardner ex Miers stem bark negatively regulate the leukocyte migration and TNF- $\alpha$ and up-regulate the annexin-A1 expression. Journal of Ethnopharmacology, 2021, 270, 113778.	2.0	2
23	<i>Dilodendron bipinnatum</i> Radlk. extract alleviates ulcerative colitis induced by TNBS in rats by reducing inflammatory cell infiltration, TNF- $\alpha$ and IL-1 $\beta$ concentrations, IL-17 and COX-2 expressions, supporting mucus production and promotes an antioxidant effect. Journal of Ethnopharmacology, 2021, 269, 113735.	2.0	12
24	Canthin-6-one ameliorates TNBS-induced colitis in rats by modulating inflammation and oxidative stress. An in vivo and in silico approach. Biochemical Pharmacology, 2021, 186, 114490.	2.0	4
25	Evaluation on Antidiabetic Properties of Medicinal Plants from Myanmar. Scientific World Journal, The, 2021, 2021, 1-10.	0.8	4
26	Experiments of Antibacterial Activities. Springer Protocols, 2021, , 75-90.	0.1	0
27	<i>Sorocea guilleminiana</i> Gaudich.: Wound healing activity, action mechanisms, and chemical characterization of the leaf infusion. Journal of Ethnopharmacology, 2020, 248, 112307.	2.0	17
28	<i>Piper umbellatum</i> L. (Piperaceae): Phytochemical profiles of the hydroethanolic leaf extract and intestinal anti-inflammatory mechanisms on 2,4,6 trinitrobenzene sulfonic acid induced ulcerative colitis in rats. Journal of Ethnopharmacology, 2020, 254, 112707.	2.0	17
29	Chemical characterization and toxicological assessment of hydroethanolic extract of <i>Mandevilla velame xylopodium</i> . Revista Brasileira De Farmacognosia, 2019, 29, 605-612.	0.6	3
30	Chemical characterization and evaluation of gastric antiulcer properties of the hydroethanolic extract of the stem bark of <i>Viola elongata</i> (Benth.) Warb.. Journal of Ethnopharmacology, 2019, 231, 113-124.	2.0	14
31	<i>Cochlospermum regium</i> (Mart. ex Schrank) Pilg.: Evaluation of chemical profile, gastroprotective activity and mechanism of action of hydroethanolic extract of its xylopodium in acute and chronic experimental models. Journal of Ethnopharmacology, 2019, 233, 101-114.	2.0	33
32	<i>Lafoensia pacari</i> A. St.-Hil.: Wound healing activity and mechanism of action of standardized hydroethanolic leaves extract. Journal of Ethnopharmacology, 2018, 219, 337-350.	2.0	25
33	Evaluation of genotoxicity and subchronic toxicity of the standardized leaves infusion extract of <i>Copaifera malmei</i> Harms in experimental models. Journal of Ethnopharmacology, 2018, 211, 70-77.	2.0	13
34	Vitexin inhibits inflammation in murine ovalbumin-induced allergic asthma. Biomedicine and Pharmacotherapy, 2018, 97, 143-151.	2.5	32
35	Gastroprotective effect and mode of action of methanol extract of <i>Sphenodesme involucrata</i> var. <i>paniculata</i> (C.B. Clarke) Munir (Lamiaceae) leaves on experimental gastric ulcer models. Biomedicine and Pharmacotherapy, 2018, 97, 1109-1118.	2.5	20
36	Assessment of toxicity and differential antimicrobial activity of methanol extract of rhizome of <i>Simaba ferruginea</i> A. St.-Hil. and its isolate canthin-6-one. Journal of Ethnopharmacology, 2018, 223, 122-134.	2.0	31

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37	Sphenodesme involucrata var. paniculata (C.B. Clarke) Munir.: Chemical characterization, anti-nociceptive and anti-inflammatory activities of methanol extract of leaves. Journal of Ethnopharmacology, 2018, 225, 71-80.	2.0	12
38	Schefflera Genus (Araliaceae). , 2018, , 193-222.		1
39	Antimicrobial Screening of Medicinal Plants Popularly used in Mato Grosso for Treating Infections: Advances on the Evaluation of Conyza bonariensis (L.) Cronquist in vitro and in vivo Antibacterial Activities. Pharmacognosy Journal, 2018, 10, s152-s166.	0.3	6
40	Antidiabetic Activity by the In Vitro $\alpha$ -Amylase and $\alpha$ -Glucosidase Inhibitory Action of Indian Ayurvedic Medicinal Plants. , 2018, , 101-110.		0
41	Chemical characterization, toxicology and mechanism of gastric antiulcer action of essential oil from Gallesia integrifolia (Spreng.) Harms in the in vitro and in vivo experimental models. Biomedicine and Pharmacotherapy, 2017, 94, 292-306.	2.5	31
42	ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES OF SELECTED PLANTS USED BY POPULATIONS FROM JURUENA VALLEY, LEGAL AMAZON, BRAZIL. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 179.	0.3	16
43	Gallesia integrifolia (Spreng.) Harms: In vitro and in vivo antibacterial activities and mode of action. Journal of Ethnopharmacology, 2016, 184, 128-137.	2.0	19
44	Phytosynthesis of silver nanoparticles using the leaves extract of Ficus talboti king and evaluation of antioxidant and antibacterial activities. Environmental Science and Pollution Research, 2015, 22, 18066-18075.	2.7	11
45	Evaluation of Antioxidant Activity, and Nutritional and Chemical Composition of Ficus amplissima Smith Fruit. International Journal of Food Properties, 2014, 17, 454-468.	1.3	4
46	Evaluation of nutritional composition and antioxidant properties of underutilized Ficus talboti King fruit for nutraceuticals and food supplements. Journal of Food Science and Technology, 2014, 51, 1260-1268.	1.4	14
47	Antioxidant, analgesic, anti-inflammatory and antipyretic effects of polyphenols from Passiflora subpeltata leaves "A promising species of Passiflora. Industrial Crops and Products, 2014, 54, 272-280.	2.5	41
48	Antidiabetic and enzymatic antioxidant properties from methanol extract of Ficus talboti bark on diabetic rats induced by streptozotocin. Asian Pacific Journal of Reproduction, 2014, 3, 97-105.	0.2	12
49	Evaluation of Phenolic Content, Antioxidant Activity, and Nutritional Composition of Cordia evulior(Clarke) Gamble. International Journal of Food Properties, 2014, 17, 226-238.	1.3	7
50	Antidiabetic activity of Ficus amplissima Smith. bark extract in streptozotocin induced diabetic rats. Journal of Ethnopharmacology, 2013, 147, 302-310.	2.0	62
51	Anti-inflammatory, wound healing and in-vivo antioxidant properties of the leaves of Ficus amplissima Smith. Journal of Ethnopharmacology, 2013, 145, 139-145.	2.0	31
52	Antidiabetic activity of aqueous root extract of Merremia tridentata (L.) Hall. f. in streptozotocin-induced diabetic rats. Asian Pacific Journal of Tropical Medicine, 2012, 5, 175-179.	0.4	22
53	ANTIOXIDANT AND ANTI-INFLAMMATORY POTENTIAL OF MONOCHORIA VAGINALIS (BURM. F.) C. PRESL.: A WILD EDIBLE PLANT. Journal of Food Biochemistry, 2012, 36, 421-431.	1.2	10
54	Antioxidant, anti-inflammatory activity, and phytochemical constituents of ficus (Ficus amplissima) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	18

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55	Antioxidant and antipyretic studies on <i>Pothos scandens</i> L. Asian Pacific Journal of Tropical Medicine, 2011, 4, 889-899.	0.4	50
56	Nutritional analysis and antioxidant activity of palmyrah ( <i>Borassus flabellifer</i> L.) seed embryo for potential use as food source. Food Science and Biotechnology, 2011, 20, 143-149.	1.2	24
57	Phenolic content and antioxidant potential of <i>Sarcostigma kleinii</i> Wight. & Arn. Food and Agricultural Immunology, 2011, 22, 161-170.	0.7	9
58	Evaluation of <i>Merremia tridentata</i> (L.) Hallier f. for in vitro antioxidant activity. Food Science and Biotechnology, 2010, 19, 663-669.	1.2	15