

# Saravanan Shanmugam

## List of Publications by Year in descending order

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62  
papers

1,288  
citations

331538

21  
h-index

395590

33  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2067  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro antioxidant, antimicrobial and anti-diabetic properties of polyphenols of <i>Passiflora ligularis</i> Juss. fruit pulp. <i>Food Science and Human Wellness</i> , 2014, 3, 56-64.	2.2	93
2	Monoterpenes modulating cytokines - A review. <i>Food and Chemical Toxicology</i> , 2019, 123, 233-257.	1.8	68
3	Carvacrol/ $\beta$ -cyclodextrin inclusion complex inhibits cell proliferation and migration of prostate cancer cells. <i>Food and Chemical Toxicology</i> , 2019, 125, 198-209.	1.8	65
4	Comparative evaluation of physical properties and volatiles profile of cabbages subjected to hot air and freeze drying. <i>LWT - Food Science and Technology</i> , 2017, 80, 501-509.	2.5	57
5	$\beta$ -Terpineol, a monoterpene alcohol, complexed with $\beta$ -cyclodextrin exerts antihyperalgesic effect in animal model for fibromyalgia aided with docking study. <i>Chemico-Biological Interactions</i> , 2016, 254, 54-62.	1.7	55
6	Comparative evaluation of physical properties and aroma profile of carrot slices subjected to hot air and freeze drying. <i>Drying Technology</i> , 2017, 35, 699-708.	1.7	55
7	Antidiabetic activity of <i>Syzygium calophyllifolium</i> in Streptozotocin-Nicotinamide induced Type-2 diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 547-554.	2.5	53
8	Development of morin/hydroxypropyl- $\beta$ -cyclodextrin inclusion complex: Enhancement of bioavailability, antihyperalgesic and anti-inflammatory effects. <i>Food and Chemical Toxicology</i> , 2019, 126, 15-24.	1.8	49
9	Inclusion complex with cyclodextrins enhances the bioavailability of flavonoid compounds: a systematic review. <i>Phytochemistry Reviews</i> , 2019, 18, 1337-1359.	3.1	46
10	Antioxidant, analgesic, anti-inflammatory and antipyretic effects of polyphenols from <i>Passiflora subpeltata</i> leaves – A promising species of <i>Passiflora</i> . <i>Industrial Crops and Products</i> , 2014, 54, 272-280.	2.5	41
11	Effects of luteolin and quercetin 3- $\beta$ -D-glucoside identified from <i>Passiflora subpeltata</i> leaves against acetaminophen induced hepatotoxicity in rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1278-1285.	2.5	41
12	UHPLC-QqQ-MS/MS identification, quantification of polyphenols from <i>Passiflora subpeltata</i> fruit pulp and determination of nutritional, antioxidant, $\alpha$ -amylase and $\alpha$ -glucosidase key enzymes inhibition properties. <i>Food Research International</i> , 2018, 108, 611-620.	2.9	35
13	Anti-hyperalgesic and anti-inflammatory effects of citral with $\beta$ -cyclodextrin and hydroxypropyl- $\beta$ -cyclodextrin inclusion complexes in animal models. <i>Life Sciences</i> , 2019, 229, 139-148.	2.0	31
14	Microneedles as an alternative technology for transdermal drug delivery systems: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 433-452.	2.4	31
15	Inflammatory Mediators and Oxidative Stress in Animals Subjected to Smoke Inhalation: A Systematic Review. <i>Lung</i> , 2016, 194, 487-499.	1.4	29
16	Enhancement of orofacial antinociceptive effect of carvacrol, a monoterpene present in oregano and thyme oils, by $\beta$ -cyclodextrin inclusion complex in mice. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 454-461.	2.5	29
17	Analgesic and anti-inflammatory activities of <i>Passiflora foetida</i> L.. <i>Asian Pacific Journal of Tropical Medicine</i> , 2011, 4, 600-603.	0.4	28
18	Pharmacological Effects of Carvacrol in In vitro Studies: A Review. <i>Current Pharmaceutical Design</i> , 2018, 24, 3454-3465.	0.9	28

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19	Anti-Inflammatory Activity of Limonene in the Prevention and Control of Injuries in the Respiratory System: A Systematic Review. <i>Current Pharmaceutical Design</i> , 2020, 26, 2182-2191.	0.9	28
20	Effects of the solid lipid nanoparticle of carvacrol on rodents with lung injury from smoke inhalation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 445-455.	1.4	25
21	Nutritional analysis and antioxidant activity of palmyrah ( <i>Borassus flabellifer</i> L.) seed embryo for potential use as food source. <i>Food Science and Biotechnology</i> , 2011, 20, 143-149.	1.2	24
22	Effect of spray drying on bioactive and volatile compounds in soursop ( <i>Annona muricata</i> ) fruit pulp. <i>Food Research International</i> , 2019, 124, 70-77.	2.9	24
23	Inflammatory modulation of fluoxetine use in patients with depression: A systematic review and meta-analysis. <i>Cytokine</i> , 2020, 131, 155100.	1.4	23
24	The role of interleukins in vitiligo: a systematic review. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2018, 32, 2097-2111.	1.3	22
25	Citronellol, a natural acyclic monoterpene, attenuates mechanical hyperalgesia response in mice: Evidence of the spinal cord lamina I inhibition. <i>Chemico-Biological Interactions</i> , 2015, 239, 111-117.	1.7	19
26	Protective effects of flavonoid composition rich <i>P. subpeltata</i> Ortega. on indomethacin induced experimental ulcerative colitis in rat models of inflammatory bowel diseases. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112350.	2.0	17
27	Anti-inflammatory effect of nano-encapsulated nerolidol on zymosan-induced arthritis in mice. <i>Food and Chemical Toxicology</i> , 2020, 135, 110958.	1.8	17
28	Natural products assessed in animal models for orofacial pain " a systematic review. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 124-134.	0.6	15
29	HPLC-MS identification of polyphenols from <i>Passiflora leschenaultii</i> and determination of their antioxidant, analgesic, anti-inflammatory and antipyretic properties. <i>Arabian Journal of Chemistry</i> , 2019, 12, 760-771.	2.3	14
30	Anti-inflammatory, Analgesic and Antipyretic Properties of <i>Rubus niveus</i> Thunb. Root Acetone Extract. <i>Pharmacologia</i> , 2013, 4, 228-235.	0.3	13
31	Antitumor and Wound Healing Properties of <i>Rubus niveus</i> Thunb. Root. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2014, 33, 145-158.	0.6	12
32	Polyphenols rich <i>Passiflora leschenaultii</i> leaves modulating Farnesoid X Receptor and Pregnane X Receptor against paracetamol-induced hepatotoxicity in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1114-1121.	2.5	12
33	Pharmacologic Treatment of Vitiligo in Children and Adolescents: A Systematic Review. <i>Pediatric Dermatology</i> , 2017, 34, 13-24.	0.5	12
34	Volatile profiling and UHPLC-QqQ-MS/MS polyphenol analysis of <i>Passiflora leschenaultii</i> DC. fruits and its anti-radical and anti-diabetic properties. <i>Food Research International</i> , 2020, 133, 109202.	2.9	12
35	Study of intestinal anti-inflammatory activity of <i>Phoenix loureiroi</i> Kunth ( <i>Arecaceae</i> ) fruit. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 156-164.	2.5	11
36	Evaluation of <i>Aristolochia indica</i> L. and <i>Piper nigrum</i> L. methanol extract against centipede <i>Scolopendra moristans</i> L. using Wistar albino rats and screening of bioactive compounds by high pressure liquid chromatography: a polyherbal formulation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1603-1612.	2.5	11

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37	Effect of Pulsed Therapeutic Ultrasound and Diosmin on Skeletal Muscle Oxidative Parameters. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 359-367.	0.7	11
38	ANTIOXIDANT AND ANTI-INFLAMMATORY POTENTIAL OF MONOCHORIA VAGINALIS (BURM. F.) C. PRESL.: A WILD EDIBLE PLANT. <i>Journal of Food Biochemistry</i> , 2012, 36, 421-431.	1.2	10
39	Phenolic content and antioxidant potential of <i>Sarcostigma kleinii</i> Wight. & Arn. <i>Food and Agricultural Immunology</i> , 2011, 22, 161-170.	0.7	9
40	Synthetic drugs for the treatment of vitiligo: a patent review (2010-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1175-1187.	2.4	9
41	Redox-Active Profile Characterization of <i>Remirea maritima</i> Extracts and Its Cytotoxic Effect in Mouse Fibroblasts (L929) and Melanoma (B16F10) Cells. <i>Molecules</i> , 2015, 20, 11699-11718.	1.7	8
42	Neck circumference as screening measure for identifying adolescents with overweight and obesity. <i>Journal of Human Growth and Development</i> , 2016, 26, 260.	0.2	8
43	Comparative Study of Biological (Phoenix loureiroi Fruit) and Chemical Synthesis of Chitosan-Encapsulated Zinc Oxide Nanoparticles and their Biological Properties. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 15-28.	1.7	8
44	Nerolidol-beta-cyclodextrin inclusion complex enhances anti-inflammatory activity in arthritis model and improves gastric protection. <i>Life Sciences</i> , 2021, 265, 118742.	2.0	8
45	<i>Maesa indica</i> : a nutritional wild berry rich in polyphenols with special attention to radical scavenging and inhibition of key enzymes, $\alpha$ -amylase and $\alpha$ -glucosidase. <i>Journal of Food Science and Technology</i> , 2016, 53, 2957-2965.	1.4	7
46	<i>Eplingiella fruticosa</i> (Lamiaceae) essential oil complexed with $\beta$ -cyclodextrin improves its anti-hyperalgesic effect in a chronic widespread non-inflammatory muscle pain animal model. <i>Food and Chemical Toxicology</i> , 2020, 135, 110940.	1.8	7
47	Evaluation of antioxidant and pharmacological properties of <i>Psychotria nilgiriensis</i> Deb & gang. <i>Food Science and Biotechnology</i> , 2012, 21, 1421-1431.	1.2	6
48	( $\alpha$ )-linalool-Loaded Polymeric Nanocapsules Are a Potential Candidate to Fibromyalgia Treatment. <i>AAPS PharmSciTech</i> , 2020, 21, 184.	1.5	6
49	Recent Patents on Medicinal Plants/Natural Products as a Therapeutic Approach to Wounds and Burns Healing. <i>Recent Patents on Biotechnology</i> , 2015, 8, 231-239.	0.4	6
50	Natural and synthetic products used for the treatment of smoke inhalation: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 877-886.	2.4	5
51	Antitumor and <i>Aedes aegypti</i> Larvicidal Activities of Essential Oils From <i>Piper klotzschianum</i> , <i>P. hispidum</i> , and <i>P. arboreum</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1986393.	0.2	5
52	Validation of a UV-VIS Spectrophotometric method for the determination of usnic acid /collagen-based membranes. <i>Scientia Plena</i> , 2015, 11, .	0.1	5
53	New therapeutic patents used for the treatment of leprosy: a review. <i>Epidemiology and Infection</i> , 2018, 146, 1746-1749.	1.0	4
54	Pharmaceutical agents for treatment of leishmaniasis: a patent landscape. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 633-641.	2.4	4

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55	Gelatin-based mucoadhesive membranes containing inclusion complex of thymol/ $\beta$ -cyclodextrin for treatment of oral infections. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 184-194.	1.8	4
56	Influence of in vitro gastrointestinal digestion and probiotic fermentation on the bioaccessibility of gallic acid and on the antioxidant potential of Brazilian fruit residues. <i>LWT - Food Science and Technology</i> , 2022, 153, 112436.	2.5	4
57	Antioxidant, Antimicrobial, Analgesic, Anti-inflammatory and Antipyretic Effects of Bioactive Compounds from <i>Passiflora</i> Species. , 2019, , 243-274.		3
58	Profiles of nutritional, bioactive compounds and cytotoxic activity of Dwarf date palm (Phoenix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.6	2
59	A Comparative Study on in vitro and in vivo Antioxidant Properties of <i>Rubus ellipticus</i> and <i>Rubus niveus</i> . <i>Pharmacologia</i> , 2014, 5, 247-255.	0.3	2
60	Inhaled D-Limonene minimizes acute lung injury and reduces oxidative stress induced by smoke in rats. <i>Phytomedicine Plus</i> , 2022, 2, 100308.	0.9	2
61	Products with Natural Components to Heal Dermal Burns: A Patent Review. <i>Recent Patents on Biotechnology</i> , 2016, 9, 168-175.	0.4	0
62	Characterization and Evaluation of the Antioxidant Activity of Calamusenone, a Major Component of <i>Hyptis pectinata</i> (L.) Poit Essential Oil. <i>Letters in Drug Design and Discovery</i> , 2018, 15, .	0.4	0