

Rengasamy Ragupathi Raja Kannan

List of Publications by Year in descending order

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Version: 2024-02-01

138
papers

4,397
citations

101543

36
h-index

149698

56
g-index

144
all docs

144
docs citations

144
times ranked

5239
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytol: A review of biomedical activities. Food and Chemical Toxicology, 2018, 121, 82-94.	3.6	198
2	A systematic review on black pepper (<i>Piper nigrum</i> L.): from folk uses to pharmacological applications. Critical Reviews in Food Science and Nutrition, 2019, 59, S210-S243.	10.3	178
3	Green synthesis of silver nanoparticles using marine macroalga Chaetomorpha linum. Applied Nanoscience (Switzerland), 2013, 3, 229-233.	3.1	152
4	Synthesis of silver nanoparticles using the seaweed Codium capitatum P.C. Silva (Chlorophyceae). South African Journal of Botany, 2013, 86, 1-4.	2.5	150
5	Traditional and modern uses of onion bulb (<i>Allium cepa</i> L.): a systematic review. Critical Reviews in Food Science and Nutrition, 2019, 59, S39-S70.	10.3	128
6	The role of flavonoids in autoimmune diseases: Therapeutic updates. , 2019, 194, 107-131.		113
7	Bioactive compounds in seaweeds: An overview of their biological properties and safety. Food and Chemical Toxicology, 2020, 135, 111013.	3.6	109
8	Protective effects of lycopene in cancer, cardiovascular, and neurodegenerative diseases: An update on epidemiological and mechanistic perspectives. Pharmacological Research, 2020, 155, 104730.	7.1	105
9	Dietary carotenoids in cancer chemoprevention and chemotherapy: A review of emerging evidence. Pharmacological Research, 2020, 157, 104830.	7.1	93
10	Potential antiradical and alpha-glucosidase inhibitors from Ecklonia maxima (Osbeck) Papenfuss. Food Chemistry, 2013, 141, 1412-1415.	8.2	92
11	Molecular Insight into the Therapeutic Promise of Flavonoids against Alzheimer's Disease. Molecules, 2020, 25, 1267.	3.8	86
12	Targeting NF- κ B signaling pathway in cancer by dietary polyphenols. Critical Reviews in Food Science and Nutrition, 2020, 60, 2790-2800.	10.3	84
13	Antimicrobial and Selected In Vitro Enzyme Inhibitory Effects of Leaf Extracts, Flavonols and Indole Alkaloids Isolated from Croton menyharthii. Molecules, 2013, 18, 12633-12644.	3.8	82
14	Ethnopharmacology, Phytochemistry, and Global Distribution of Mangroves—A Comprehensive Review. Marine Drugs, 2019, 17, 231.	4.6	81
15	Ginger and its active compounds in cancer therapy: From folk uses to nano-therapeutic applications. Seminars in Cancer Biology, 2021, 69, 140-149.	9.6	81
16	Eckol - a new plant growth stimulant from the brown seaweed Ecklonia maxima. Journal of Applied Phycology, 2015, 27, 581-587.	2.8	75
17	Acetylcholinesterase inhibitory activity of phlorotannins isolated from the brown alga, Ecklonia maxima (Osbeck) Papenfuss. Food Research International, 2013, 54, 1250-1254.	6.2	73
18	Bioactive molecules derived from smoke and seaweed Ecklonia maxima showing phytohormone-like activity in Spinacia oleracea L.. New Biotechnology, 2019, 48, 83-89.	4.4	73

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19	Superoxide dismutase: an updated review on its health benefits and industrial applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7282-7300.	10.3	73
20	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. <i>Pharmacological Research</i> , 2019, 147, 104346.	7.1	68
21	Potential health benefits of carotenoid lutein: An updated review. <i>Food and Chemical Toxicology</i> , 2021, 154, 112328.	3.6	68
22	Antibacterial potential of three seagrasses against human pathogens. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010, 3, 890-893.	0.8	63
23	Phytochemical constituents, antioxidant properties and p-coumaric acid analysis in some seagrasses. <i>Food Research International</i> , 2013, 54, 1229-1236.	6.2	63
24	COVID-19 Pandemic: Epidemiology, Etiology, Conventional and Non-Conventional Therapies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8155.	2.6	63
25	In vitro antioxidant activities of ethanol extract from <i>Enhalus acoroides</i> (L.F.) Royle. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010, 3, 898-901.	0.8	59
26	Bioactive compounds, health benefits, and industrial applications of Tartary buckwheat (<i>Fagopyrum tataricum</i>). <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 657-673.	10.3	59
27	Targets and strategies for vaccine development against SARS-CoV-2. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111254.	5.6	58
28	Recent advances in the therapeutic application of short-chain fatty acids (SCFAs): An updated review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 6034-6054.	10.3	57
29	Sesquiterpenes and their derivatives-natural anticancer compounds: An update. <i>Pharmacological Research</i> , 2020, 161, 105165.	7.1	56
30	Physiological role of phenolic biostimulants isolated from brown seaweed <i>Ecklonia maxima</i> on plant growth and development. <i>Planta</i> , 2015, 241, 1313-1324.	3.2	51
31	Chemical composition and antibacterial activity of Indian seagrasses against urinary tract pathogens. <i>Food Chemistry</i> , 2012, 135, 2470-2473.	8.2	47
32	Nutritional and health beneficial properties of saffron (<i>Crocus sativus</i> L): a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2683-2706.	10.3	47
33	Enhancing growth, phytochemical constituents and aphid resistance capacity in cabbage with foliar application of eckol – a biologically active phenolic molecule from brown seaweed. <i>New Biotechnology</i> , 2016, 33, 273-279.	4.4	46
34	Combination of phenolic profiles, pharmacological properties and in silico studies to provide new insights on <i>Silene salsuginea</i> from Turkey. <i>Computational Biology and Chemistry</i> , 2018, 77, 178-186.	2.3	45
35	Plumbagin engenders apoptosis in lung cancer cells via caspase-9 activation and targeting mitochondrial-mediated ROS induction. <i>Archives of Pharmacal Research</i> , 2020, 43, 242-256.	6.3	40
36	Advances in algal drug research with emphasis on enzyme inhibitors. <i>Biotechnology Advances</i> , 2014, 32, 1364-1381.	11.7	39

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37	Molecular targets for the management of cancer using <i>Curcuma longa</i> Linn. phytoconstituents: A Review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111078.	5.6	39
38	Fourier Transform Infrared Spectroscopy Analysis of Seagrass Polyphenols. <i>Current Bioactive Compounds</i> , 2011, 7, 118-125.	0.5	38
39	Anticancer Applications and Pharmacological Properties of Piperidine and Piperine: A Comprehensive Review on Molecular Mechanisms and Therapeutic Perspectives. <i>Frontiers in Pharmacology</i> , 2021, 12, 772418.	3.5	37
40	Chemical Stability of Lycopene in Processed Products: A Review of the Effects of Processing Methods and Modern Preservation Strategies. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 712-726.	5.2	36
41	In vitro antibacterial, cytotoxicity and haemolytic activities and phytochemical analysis of seagrasses from the Gulf of Mannar, South India. <i>Food Chemistry</i> , 2013, 136, 1484-1489.	8.2	35
42	Recent updates on the resistance mechanisms to epidermal growth factor receptor tyrosine kinase inhibitors and resistance reversion strategies in lung cancer. <i>Medicinal Research Reviews</i> , 2020, 40, 2132-2176.	10.5	35
43	Potential of traditionally consumed medicinal herbs, spices, and food plants to inhibit key digestive enzymes geared towards diabetes mellitus management – A systematic review. <i>South African Journal of Botany</i> , 2019, 120, 3-24.	2.5	33
44	<i>Phyllanthus emblica</i> : A comprehensive review of its therapeutic benefits. <i>South African Journal of Botany</i> , 2021, 138, 278-310.	2.5	33
45	Iturin: cyclic lipopeptide with multifunction biological potential. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7976-7988.	10.3	31
46	Eckol Improves Growth, Enzyme Activities, and Secondary Metabolite Content in Maize (<i>Zea mays</i> cv.) Tj ETQq0 0 0 qgBT /Overlock 10 T 5.F 29	5.5	29
47	Phenolic profiles, antioxidant capacity, and acetylcholinesterase inhibitory activity of eight South African seaweeds. <i>Journal of Applied Phycology</i> , 2015, 27, 1599-1605.	2.8	29
48	Therapeutic potentials of crocin in medication of neurological disorders. <i>Food and Chemical Toxicology</i> , 2020, 145, 111739.	3.6	28
49	Edible mushrooms show significant differences in sterols and fatty acid compositions. <i>South African Journal of Botany</i> , 2021, 141, 344-356.	2.5	28
50	Underutilized green leafy vegetables: frontier in fortified food development and nutrition. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11679-11733.	10.3	28
51	Nutritional and bioactive potential of seagrasses: A review. <i>South African Journal of Botany</i> , 2021, 137, 216-227.	2.5	27
52	Mucormycosis (black fungus) ensuing COVID-19 and comorbidity meets - Magnifying global pandemic griev and catastrophe begins. <i>Science of the Total Environment</i> , 2022, 805, 150355.	8.0	26
53	Quantification of plant growth biostimulants, phloroglucinol and eckol, in four commercial seaweed liquid fertilizers and some by-products. <i>Algal Research</i> , 2016, 20, 57-60.	4.6	25
54	Phenolic profile, antioxidant and enzyme inhibitory activities of <i>Stachys annua</i> subsp. <i>annua</i> var. <i>annua</i> . <i>South African Journal of Botany</i> , 2017, 113, 128-132.	2.5	25

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55	Pharmaceutical potential of a fucoidan-like sulphated polysaccharide isolated from <i>Halodule pinifolia</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 62, 30-34.	7.5	24
56	Functional foods and bioactive ingredients harnessed from the ocean: current status and future perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5794-5823.	10.3	24
57	Profiling of nutritionally important metabolites in green/red and green perilla (<i>Perilla frutescens</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	5.2	24
58	Metabolomic profile of <i>Salvia viridis</i> L. root extracts using HPLC-MS/MS technique and their pharmacological properties: A comparative study. <i>Industrial Crops and Products</i> , 2019, 131, 266-280.	5.2	23
59	In Vitro Study of Multi-Therapeutic Properties of <i>Thymus bovei</i> Benth. Essential Oil and Its Main Component for Promoting Their Use in Clinical Practice. <i>Journal of Clinical Medicine</i> , 2018, 7, 283.	2.4	22
60	Determination of element contents in herbal drugs: Chemometric approach. <i>Food Chemistry</i> , 2012, 135, 2372-2377.	8.2	21
61	Chemical composition and bio-functional perspectives of <i>Erica arborea</i> L. extracts obtained by different extraction techniques: Innovative insights. <i>Industrial Crops and Products</i> , 2019, 142, 111843.	5.2	21
62	Antioxidant activity of seagrasses of the Mandapam coast, India. <i>Pharmaceutical Biology</i> , 2012, 50, 182-187.	2.9	20
63	Tanshinone IIA attenuates TNF- α induced PTX3 expression and monocyte adhesion to endothelial cells through the p38/NF- κ B pathway. <i>Food and Chemical Toxicology</i> , 2018, 121, 622-630.	3.6	19
64	Bioactive peptides and proteins as alternative antiplatelet drugs. <i>Medicinal Research Reviews</i> , 2019, 39, 2153-2171.	10.5	19
65	Chemopreventive Effect of β -Cryptoxanthin on Human Cervical Carcinoma (HeLa) Cells Is Modulated through Oxidative Stress-Induced Apoptosis. <i>Antioxidants</i> , 2020, 9, 28.	5.1	19
66	Process and applications of alginate oligosaccharides with emphasis on health beneficial perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 303-329.	10.3	18
67	Chemometric Studies of Multielemental Composition of Few Seagrasses from Gulf of Mannar, India. <i>Biological Trace Element Research</i> , 2011, 143, 1149-1158.	3.5	17
68	Alpha-glucosidase inhibitory and antiplasmodial properties of terpenoids from the leaves of <i>Buddleja saligna</i> Willd. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 63-66.	5.2	17
69	Assessment of the Pharmacological Properties and Phytochemical Profile of <i>Bruguiera gymnorhiza</i> (L.) Lam Using In Vitro Studies, In Silico Docking, and Multivariate Analysis. <i>Biomolecules</i> , 2020, 10, 731.	4.0	17
70	The potential of retinoids for combination therapy of lung cancer: Updates and future directions. <i>Pharmacological Research</i> , 2019, 147, 104331.	7.1	16
71	Ethnomedicinal, phytochemistry, toxicity and pharmacological benefits of poison bulb <i>Crinum asiaticum</i> L.. <i>South African Journal of Botany</i> , 2021, 136, 16-29.	2.5	16
72	Emerging role of nutritional short-chain fatty acids (SCFAs) against cancer via modulation of hematopoiesis. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 827-844.	10.3	16

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73	Marine Algae: A Potential Resource of Anti-HSV Molecules. <i>Processes</i> , 2019, 7, 887.	2.8	15
74	The nutraceutical properties and health benefits of pseudocereals: a comprehensive treatise. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10217-10229.	10.3	15
75	Seagrasses as potential source of medicinal food ingredients: Nutritional analysis and multivariate approach. <i>Biomedicine and Preventive Nutrition</i> , 2013, 3, 375-380.	0.9	14
76	Interactions between a plant growth-promoting rhizobacterium and smoke-derived compounds and their effect on okra growth. <i>Journal of Plant Nutrition and Soil Science</i> , 2015, 178, 741-747.	1.9	14
77	Biopharmaceutical potential, chemical profile and in silico study of the seagrass "Syringodium isoetifolium (Asch.) Dandy. <i>South African Journal of Botany</i> , 2019, 127, 167-175.	2.5	14
78	Pharmacological, phytochemical and in-vivo toxicological perspectives of a xero-halophyte medicinal plant: <i>Zaleya pentandra</i> (L.) Jeffrey. <i>Food and Chemical Toxicology</i> , 2019, 131, 110535.	3.6	14
79	Multidirectional biological investigation and phytochemical profile of <i>Rubus sanctus</i> and <i>Rubus ibericus</i> . <i>Food and Chemical Toxicology</i> , 2019, 127, 237-250.	3.6	14
80	Utilisation of <i>Rhododendron luteum</i> Sweet bioactive compounds as valuable source of enzymes inhibitors, antioxidant, and anticancer agents. <i>Food and Chemical Toxicology</i> , 2020, 135, 111052.	3.6	14
81	Characterization of nutritionally important lipophilic constituents from brown kelp <i>Ecklonia radiata</i> (C. Ag.) J. Agardh. <i>Food Chemistry</i> , 2021, 340, 127897.	8.2	14
82	Synthesis, biological investigation and catalytic application using the alcoholic extract of Black Cumin (<i>Bunium Persicum</i>) seeds-based silver nanoparticles. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 59-77.	9.1	14
83	The Efficacy of S-Adenosyl Methionine and Probiotic Supplementation on Depression: A Synergistic Approach. <i>Nutrients</i> , 2022, 14, 2751.	4.1	14
84	Chemical profile, antioxidant, and enzyme inhibitory properties of two <i>Scutellaria</i> species: <i>S. orientalis</i> L. and <i>S. salviifolia</i> Benth. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 270-280.	2.4	13
85	<i>Lycium barbarum</i> (Goji) as functional food: a review of its nutrition, phytochemical structure, biological features, and food industry prospects. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10621-10635.	10.3	13
86	HPLC-MS/MS-based metabolic profiling and pharmacological properties of extracts and infusion obtained from <i>Amelanchier parviflora</i> var. <i>dentata</i> . <i>Industrial Crops and Products</i> , 2018, 124, 699-706.	5.2	12
87	Antidiabetic, anti-inflammatory, anticholinesterase and cytotoxicity determination of two <i>Carpobrotus</i> species. <i>South African Journal of Botany</i> , 2019, 125, 142-148.	2.5	12
88	The Antifungal Activity of Loquat (<i>Eriobotrya japonica</i> Lindl.) Leaves Extract Against <i>Penicillium digitatum</i> . <i>Frontiers in Nutrition</i> , 2021, 8, 663584.	3.7	12
89	Phenolic profile and pharmacological propensities of <i>Gynandris sisyrinchium</i> through in vitro and in silico perspectives. <i>Industrial Crops and Products</i> , 2018, 121, 328-337.	5.2	11
90	The potential role of dietary plant ingredients against mammary cancer: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2580-2605.	10.3	11

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91	A comparative study of the HPLC-MS profiles and biological efficiency of different solvent leaf extracts of two African plants: <i>Bersama abyssinica</i> and <i>Scoparia dulcis</i> . <i>International Journal of Environmental Health Research</i> , 2021, 31, 285-297.	2.7	11
92	Pharmacological evaluation of two South African commercial herbal remedies and their plant constituents. <i>South African Journal of Botany</i> , 2017, 111, 291-298.	2.5	10
93	Antimycobacterial, Enzyme Inhibition, and Molecular Interaction Studies of Psoromic Acid in <i>Mycobacterium tuberculosis</i> : Efficacy and Safety Investigations. <i>Journal of Clinical Medicine</i> , 2018, 7, 226.	2.4	10
94	Red Shrimp Are a Rich Source of Nutritionally Vital Lipophilic Compounds: A Comparative Study among Edible Flesh and Processing Waste. <i>Foods</i> , 2020, 9, 1179.	4.3	10
95	Management of SARS-CoV-2 Infection: Key Focus in Macrolides Efficacy for COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 642313.	2.6	10
96	Docking-based virtual screening and identification of potential COVID-19 main protease inhibitors from brown algae. <i>South African Journal of Botany</i> , 2021, 143, 428-434.	2.5	10
97	Antiplasmodial, acetylcholinesterase and alpha-glucosidase inhibitory and cytotoxicity properties of <i>Buddleja saligna</i> . <i>South African Journal of Botany</i> , 2014, 94, 6-8.	2.5	9
98	Phytochemical Composition, Antioxidant Capacity, and Enzyme Inhibitory Activity in Callus, Somaclonal Variant, and Normal Green Shoot Tissues of <i>Catharanthus roseus</i> (L) G. Don. <i>Molecules</i> , 2020, 25, 4945.	3.8	9
99	Can be marine bioactive peptides (MBAs) lead the future of foodomics for human health?. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7072-7116.	10.3	9
100	Clastogenic, anti-clastogenic profile and safety assessment of Camel urine towards the development of new drug target. <i>Food and Chemical Toxicology</i> , 2021, 151, 112131.	3.6	9
101	Cuparane sesquiterpenes from <i>Laurencia natalensis</i> Kylin as inhibitors of alpha-glucosidase, dipeptidyl peptidase IV and xanthine oxidase. <i>Algal Research</i> , 2017, 25, 178-183.	4.6	8
102	Plant-derived mPGES-1 inhibitors or suppressors: A new emerging trend in the search for small molecules to combat inflammation. <i>European Journal of Medicinal Chemistry</i> , 2018, 153, 2-28.	5.5	8
103	The metabolic profile of essential oils and assessment of anti-urease activity by ESI-mass spectrometry of <i>Salvia officinalis</i> L.. <i>South African Journal of Botany</i> , 2019, 120, 175-178.	2.5	8
104	<i>Parentucellia latifolia</i> subsp. <i>latifolia</i> : A potential source for loganin iridoids by HPLC-ESI-MSn technique. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 374-380.	2.8	8
105	Secondary Metabolites Profiling, Biological Activities and Computational Studies of <i>Abutilon figarianum</i> Webb (Malvaceae). <i>Processes</i> , 2020, 8, 336.	2.8	8
106	Hydrographic and sediment characteristics of seagrass meadows of the Gulf of Mannar Marine Biosphere Reserve, South India. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8411-8427.	2.7	7
107	<i>Macrocystis angustifolia</i> is a potential source of enzyme inhibitors linked to type 2 diabetes and dementia. <i>Journal of Applied Phycology</i> , 2014, 26, 1557-1563.	2.8	7
108	<i>Asphodeline cilicica</i> Tuzlaci: From the plant to its most active part extract and its broad bioactive properties. <i>South African Journal of Botany</i> , 2019, 120, 186-190.	2.5	7

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109	Chemical characterization and bio-pharmaceutical abilities of five different solvent extracts from aerial parts and roots of <i>Scorzonera hispanica</i> L. <i>South African Journal of Botany</i> , 2020, 133, 212-221.	2.5	7
110	Botanical Products in the Treatment and Control of Schistosomiasis: Recent Studies and Distribution of Active Plant Resources According to Affected Regions. <i>Biology</i> , 2020, 9, 223.	2.8	7
111	In Vitro Enzyme Inhibitory Properties, Secondary Metabolite Profiles and Multivariate Analysis of Five Seaweeds. <i>Marine Drugs</i> , 2020, 18, 198.	4.6	7
112	Anticancer, antioxidant, and antimicrobial properties of solvent extract of <i>Lobophora variegata</i> through in vitro and in silico studies with major phytoconstituents. <i>Food Bioscience</i> , 2022, 48, 101822.	4.4	7
113	Effect of vermicompost leachate in <i>Ceratotheca triloba</i> under nutrient deficiency. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	6
114	Korean Maize Hybrids Present Significant Diversity in Fatty Acid Composition: An Investigation to Identify PUFA-Rich Hybrids for a Healthy Diet. <i>Frontiers in Nutrition</i> , 2020, 7, 578761.	3.7	6
115	New insights into the phytochemical composition, enzyme inhibition and antioxidant properties of desert cotton (<i>Aerva javanica</i> (Burm.f) Shult. -Amaranthaceae). <i>Natural Product Research</i> , 2021, 35, 664-668.	1.8	6
116	Diversity, molecular mechanisms and structure-activity relationships of marine protease inhibitors—A review. <i>Pharmacological Research</i> , 2021, 166, 105521.	7.1	6
117	Improving the safety and security of fruits and vegetables during COVID-19 pandemic with postharvest handling. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, , 1-11.	10.3	6
118	Exploration of natural flavones™ bioactivity and bioavailability in chronic inflammation induced-type-2 diabetes mellitus. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11640-11667.	10.3	6
119	Screening of Bioactive Metabolites and Biological Activities of Calli, Shoots, and Seedlings of <i>Mertensia maritima</i> (L.) Gray. <i>Plants</i> , 2020, 9, 1551.	3.5	5
120	Phosphodiesterase 1 inhibition and molecular docking study of phytochemicals isolated from stem heartwood of <i>Heterophragma adenophyllum</i> Seem. <i>South African Journal of Botany</i> , 2020, 135, 274-279.	2.5	4
121	Development of Iron Sequester Antioxidant Quercetin@ZnO Nanoparticles with Photoprotective Effects on UVA-Irradiated HaCaT Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	4.0	4
122	Dietary nutrients and their control of the redox bioenergetic networks as therapeutics in redox dysfunctions sustained pathologies. <i>Pharmacological Research</i> , 2021, 170, 105709.	7.1	4
123	Antiglycation and enzyme inhibitory potential of salicylalazine isolated from <i>Micromeria biflora</i> (Buch.-Ham.ex D.Don) Benth. <i>South African Journal of Botany</i> , 2021, 143, 344-349.	2.5	3
124	Mining RNA-Seq Data to Depict How <i>Penicillium digitatum</i> Shapes Its Transcriptome in Response to Nanoemulsion. <i>Frontiers in Nutrition</i> , 2021, 8, 724419.	3.7	3
125	Potent urease inhibition and in Silico docking study of four secondary metabolites isolated from <i>Heterophragma adenophyllum</i> Seem. <i>South African Journal of Botany</i> , 2021, 142, 201-205.	2.5	3
126	Bioactive Metabolites and Value-Added Products from Marine Macroalgae. , 2014, , 423-454.		3

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127	The potential role of extracellular vesicles in bioactive compound-based therapy: A review of recent developments. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10959-10973.	10.3	3
128	A Systematic Review of Traditionally Used Herbs and Animal-Derived Products as Potential Analgesics. <i>Current Neuropharmacology</i> , 2021, 19, 553-588.	2.9	2
129	Extraction optimization of antifungal compounds from <i>Thalictrum foliolosum</i> DC. roots. <i>South African Journal of Botany</i> , 2021, 138, 328-336.	2.5	2
130	Seed germination and seedling growth of <i>Bauhinia variegata</i> in response to smoke-water and synthesised smoke-isolated karrikinolide (KAR ₁). <i>Seed Science and Technology</i> , 2017, 45, 306-318.	1.4	2
131	The safety future of fruit preservation with biomaterials. <i>Horticulture International Journal</i> , 2020, 4, 232-234.	0.1	2
132	Shining the spotlight on NMR metabolic profiling and bioactivities of different solvent extracts of <i>Ptilostigma thonningii</i> . <i>Food Bioscience</i> , 2022, 47, 101760.	4.4	1
133	Editorial: A view of South African traditional medicine through the lens of its medicinal plants (special Issue celebrating the 80th Birthday of Professor Johannes van Staden). <i>South African Journal of Botany</i> , 2019, 126, 1-3.	2.5	0
134	Editorial notes: Enzyme inhibitors. <i>South African Journal of Botany</i> , 2019, 120, 1-2.	2.5	0
135	Dietary Ellagitannins. , 2021, , 1145-1171.		0
136	Dietary Ellagitannins. , 2020, , 1-28.		0
137	Editorial: Application of Plant Natural Products and New Emerging Technologies for the Postharvest Storage of Fruits. <i>Frontiers in Nutrition</i> , 2022, 9, 884438.	3.7	0
138	Biomaterials for Food Preservation. <i>Journal of Food Quality</i> , 2022, 2022, 1-3.	2.6	0