

Mani Naiker

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,108
citations

686830

13
h-index

454577

30
g-index

52
all docs

52
docs citations

52
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Vitamin D and Its Precursors in Plants and Their Translation to Active Metabolites in Meat. <i>Food Reviews International</i> , 2023, 39, 1770-1798.	4.3	1
2	Carotenoids, ascorbic acid and total phenolic content in the root tissue from five Australian-grown sweet potato cultivars. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2022, 50, 32-47.	0.7	7
3	A cut above the rest: oxidative stress in chronic wounds and the potential role of polyphenols as therapeutics. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 485-502.	1.2	15
4	Development and Validation of a 96-Well Microplate Assay for the Measurement of Total Phenolic Content in Ginger Extracts. <i>Food Analytical Methods</i> , 2022, 15, 413-420.	1.3	10
5	Volatile compounds, phenolic acid profiles and phytochemical content of five Australian finger lime (<i>Citrus australasica</i>) cultivars. <i>LWT - Food Science and Technology</i> , 2022, 154, 112640.	2.5	13
6	Finding alternative uses for Australian rosella (<i>Hibiscus sabdariffa</i>) byproducts: nutritional potential and in vitro digestibility studies. <i>Animal Production Science</i> , 2022, , .	0.6	3
7	A Rapid Non-Destructive Hyperspectral Imaging Data Model for the Prediction of Pungent Constituents in Dried Ginger. <i>Foods</i> , 2022, 11, 649.	1.9	8
8	In vitro Cytotoxic Properties of Crude Polar Extracts of Plants Sourced from Australia. <i>Clinical Complementary Medicine and Pharmacology</i> , 2022, 2, 100022.	0.9	6
9	Attitude and Achievement of First-Year Chemistry Undergraduate Students at The University of the South Pacific. <i>Frontiers in Education</i> , 2022, 7, .	1.2	1
10	Prediction of anthocyanin content and variety in plum extracts using ATR-FTIR spectroscopy and chemometrics. <i>Vibrational Spectroscopy</i> , 2022, 121, 103406.	1.2	12
11	Antioxidative and therapeutic potential of selected Australian plants: A review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113580.	2.0	37
12	Pungent and volatile constituents of dried Australian ginger. <i>Current Research in Food Science</i> , 2021, 4, 612-618.	2.7	9
13	Hitting the sweet spot: A systematic review of the bioactivity and health benefits of phenolic glycosides from medicinally used plants. <i>Phytotherapy Research</i> , 2021, 35, 3484-3508.	2.8	31
14	Processes, Challenges and Optimisation of Rum Production from Molassesâ€”A Contemporary Review. <i>Fermentation</i> , 2021, 7, 21.	1.4	12
15	Impact of thermal processing on levels of acrylamide in a wheatâ€™entil flour matrix. , 2021, 3, e78.		4
16	A review on biological interactions and management of the cotton bollworm, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Journal of Applied Entomology</i> , 2021, 145, 467-498.	0.8	37
17	Attitudes and awareness of regional Pacific Island students towards e-learning. <i>International Journal of Educational Technology in Higher Education</i> , 2021, 18, 13.	4.5	20
18	Authentication Using Volatile Composition: A Proof-of-Concept Study on the Volatile Profiles of Fourteen Queensland Ciders. <i>Beverages</i> , 2021, 7, 28.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Phenolic Profiles of Ten Australian Faba Bean Varieties. <i>Molecules</i> , 2021, 26, 4642.	1.7	14
20	Partitioning of nutritional and bioactive compounds between the kernel, hull and husk of five new chickpea genotypes grown in Australia. <i>Future Foods</i> , 2021, 4, 100065.	2.4	12
21	Quantitative profiling of gingerol and its derivatives in Australian ginger. <i>Journal of Food Composition and Analysis</i> , 2021, 104, 104190.	1.9	11
22	Phenolic profiles and nutritional quality of four new mungbean lines grown in northern Australia. , 2021, 3, e70.		15
23	Nutritional Quality and Bioactive Constituents of Six Australian Plum Varieties. <i>International Journal of Fruit Science</i> , 2021, 21, 115-132.	1.2	15
24	Australian Ethnomedicinal Plant Extracts Promote Apoptosis-Mediated Cell Death In Human Hepatocellular Carcinoma In Vitro. <i>Pharmacognosy Communications</i> , 2021, 11, 210-213.	0.4	0
25	Infrared Spectroscopy for the Quality Assessment of Habanero Chili: A Proof-of-Concept Study. <i>Engineering Proceedings</i> , 2021, 8, 19.	0.4	3
26	Changes in Anthocyanin and Antioxidant Contents during Maturation of Australian Highbush Blueberry (<i>Vaccinium corymbosum</i> L.) Cultivars. <i>Engineering Proceedings</i> , 2021, 11, 6.	0.4	2
27	The Phytochemistry and Anticarcinogenic Activity of Noni Juice. <i>Engineering Proceedings</i> , 2021, 11, .	0.4	2
28	Correlations between Capsaicin, Dihydrocapsaicin and Phenolic Content in Habanero Chillies. , 2021, 6, .		0
29	Within-Canopy Variation in the Ascorbic Acid Content of Tuckeroo (<i>Cupaniopsis anacardioides</i>) Fruits. , 2021, 11, .		1
30	Seeing red: A review of the use of near-infrared spectroscopy (NIRS) in entomology. <i>Applied Spectroscopy Reviews</i> , 2020, 55, 810-839.	3.4	35
31	Nutritional and functional properties of cookies made using downâ€graded lentil â€ A candidate for novel food production and crop utilization. <i>Cereal Chemistry</i> , 2020, 97, 95-103.	1.1	13
32	Oxidative stress in alzheimerâ€™s disease: A review on emergent natural polyphenolic therapeutics. <i>Complementary Therapies in Medicine</i> , 2020, 49, 102294.	1.3	151
33	Loss of<i>trans</i>â€resveratrol during storage and ageing of red wines. <i>Australian Journal of Grape and Wine Research</i> , 2020, 26, 385-387.	1.0	7
34	Frostâ€affected lentil (<i>Lens culinaris</i> M.) compositional changes through extrusion: Potential application for the food industry. <i>Cereal Chemistry</i> , 2020, 97, 818-826.	1.1	9
35	Mid-infrared spectroscopy for entomological purposes: A review. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 613-621.	0.4	4
36	Potential for Fourier transform infrared (FTIR) spectroscopy toward predicting antioxidant and phenolic contents in powdered plant matrices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118228.	2.0	31

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37	Solvent extractions and spectrophotometric protocols for measuring the total anthocyanin, phenols and antioxidant content in plums. <i>Chemical Papers</i> , 2020, 74, 4481-4492.	1.0	33
38	Application of infrared spectroscopy for the prediction of nutritional content and quality assessment of faba bean (<i>Vicia faba</i> L.). , 2020, 2, e40.		7
39	Antioxidative properties and macrochemical composition of five commercial mungbean varieties in Australia. , 2020, 2, e27.		25
40	Profiling the varietal antioxidative contents and macrochemical composition in Australian faba beans (<i>Vicia faba</i> L.). , 2020, 2, e28.		32
41	Natural product-derived phytochemicals as potential agents against coronaviruses: A review. <i>Virus Research</i> , 2020, 284, 197989.	1.1	337
42	Water-soluble carbohydrates during fermentation and baking of composite wheat and lentil flour—Implications for enhanced functionality. <i>Cereal Chemistry</i> , 2019, 96, 447-455.	1.1	7
43	Annual ryegrass (<i>Lolium rigidum</i> Gaud) competition altered wheat grain quality: A study under elevated atmospheric CO ₂ levels and drought conditions. <i>Food Chemistry</i> , 2019, 276, 285-290.	4.2	10
44	Blending studies using wheat and lentil cotyledon flour—Effects on rheology and bread quality. <i>Cereal Chemistry</i> , 2018, 95, 849-860.	1.1	35
45	Antimicrobial Activity of Extracts from Native Plants of Temperate Australia. <i>Pharmacognosy Communications</i> , 2016, 6, 80-84.	0.4	14
46	Attitude to the subject of chemistry in undergraduate nursing students at Fiji National University and Federation University, Australia. <i>Collegian</i> , 2015, 22, 369-375.	0.6	1
47	Approaches and Study Skills Inventory for Students (ASSIST) in an Introductory Course in Chemistry.. <i>Journal of University Teaching and Learning Practice</i> , 2015, 12, 66-78.	0.6	20
48	Approaches to Study in Undergraduate Nursing Students in Regional Victoria, Australia. <i>International Journal of Nursing Education Scholarship</i> , 2014, 11, 155-164.	0.4	13
49	Î ² -Damascenone-yielding precursor(s) from Cabernet Sauvignon grapes. <i>South Pacific Journal of Natural and Applied Sciences</i> , 2001, 19, 11.	0.2	6
50	The Attitudes of Tongan Senior Secondary Students Toward Science. <i>New Zealand Journal of Educational Studies</i> , 0, , 1.	0.6	2
51	A Simple Isocratic HPLC—UV Method for the Simultaneous Determination of Citrulline and Arginine in Australian Cucurbits and Other Fruits. <i>Food Analytical Methods</i> , 0, , 1.	1.3	4
52	Attitudes towards science among senior secondary students in Fiji. <i>Waikato Journal of Education</i> , 0, 25, 57-72.	0.1	4