

Mani Naiker

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,108
citations

687363
13
h-index

454955
30
g-index

52
all docs

52
docs citations

52
times ranked

1391
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Natural product-derived phytochemicals as potential agents against coronaviruses: A review. <i>Virus Research</i> , 2020, 284, 197989. | 2.2 | 337 |
| 2 | Oxidative stress in alzheimer's disease: A review on emergent natural polyphenolic therapeutics. <i>Complementary Therapies in Medicine</i> , 2020, 49, 102294. | 2.7 | 151 |
| 3 | Antioxidative and therapeutic potential of selected Australian plants: A review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113580. | 4.1 | 37 |
| 4 | 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. | 1.8 | 37 |
| 5 | Blending studies using wheat and lentil cotyledon flour—Effects on rheology and bread quality. <i>Cereal Chemistry</i> , 2018, 95, 849-860. | 2.2 | 35 |
| 6 | Seeing red: A review of the use of near-infrared spectroscopy (NIRS) in entomology. <i>Applied Spectroscopy Reviews</i> , 2020, 55, 810-839. | 6.7 | 35 |
| 7 | Solvent extractions and spectrophotometric protocols for measuring the total anthocyanin, phenols and antioxidant content in plums. <i>Chemical Papers</i> , 2020, 74, 4481-4492. | 2.2 | 33 |
| 8 | Profiling the varietal antioxidative contents and macrochemical composition in Australian faba beans (<i>Vicia faba</i> L.). , 2020, 2, e28. | | 32 |
| 9 | 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. | 3.9 | 31 |
| 10 | 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. | 5.8 | 31 |
| 11 | Antioxidative properties and macrochemical composition of five commercial mungbean varieties in Australia. , 2020, 2, e27. | | 25 |
| 12 | Attitudes and awareness of regional Pacific Island students towards e-learning. <i>International Journal of Educational Technology in Higher Education</i> , 2021, 18, 13. | 7.6 | 20 |
| 13 | 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. | 1.1 | 20 |
| 14 | 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. | 2.4 | 15 |
| 15 | Phenolic profiles and nutritional quality of four new mungbean lines grown in northern Australia. , 2021, 3, e70. | | 15 |
| 16 | Nutritional Quality and Bioactive Constituents of Six Australian Plum Varieties. <i>International Journal of Fruit Science</i> , 2021, 21, 115-132. | 2.4 | 15 |
| 17 | Phenolic Profiles of Ten Australian Faba Bean Varieties. <i>Molecules</i> , 2021, 26, 4642. | 3.8 | 14 |
| 18 | Antimicrobial Activity of Extracts from Native Plants of Temperate Australia. <i>Pharmacognosy Communications</i> , 2016, 6, 80-84. | 0.5 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Approaches to Study in Undergraduate Nursing Students in Regional Victoria, Australia. International Journal of Nursing Education Scholarship, 2014, 11, 155-164. | 1.0 | 13 |
| 20 | Nutritional and functional properties of cookies made using downâ€graded lentil â€ A candidate for novel food production and crop utilization. Cereal Chemistry, 2020, 97, 95-103. | 2.2 | 13 |
| 21 | Volatile compounds, phenolic acid profiles and phytochemical content of five Australian finger lime (Citrus australasica) cultivars. LWT - Food Science and Technology, 2022, 154, 112640. | 5.2 | 13 |
| 22 | Processes, Challenges and Optimisation of Rum Production from Molassesâ€ A Contemporary Review. Fermentation, 2021, 7, 21. | 3.0 | 12 |
| 23 | Partitioning of nutritional and bioactive compounds between the kernel, hull and husk of five new chickpea genotypes grown in Australia. Future Foods, 2021, 4, 100065. | 5.4 | 12 |
| 24 | Prediction of anthocyanin content and variety in plum extracts using ATR-FTIR spectroscopy and chemometrics. Vibrational Spectroscopy, 2022, 121, 103406. | 2.2 | 12 |
| 25 | Quantitative profiling of gingerol and its derivatives in Australian ginger. Journal of Food Composition and Analysis, 2021, 104, 104190. | 3.9 | 11 |
| 26 | Annual ryegrass (Lolium rigidum Gaud) competition altered wheat grain quality: A study under elevated atmospheric CO2 levels and drought conditions. Food Chemistry, 2019, 276, 285-290. | 8.2 | 10 |
| 27 | Development and Validation of a 96-Well Microplate Assay for the Measurement of Total Phenolic Content in Ginger Extracts. Food Analytical Methods, 2022, 15, 413-420. | 2.6 | 10 |
| 28 | Frostâ€affected lentil (Lens culinaris M.) compositional changes through extrusion: Potential application for the food industry. Cereal Chemistry, 2020, 97, 818-826. | 2.2 | 9 |
| 29 | Pungent and volatile constituents of dried Australian ginger. Current Research in Food Science, 2021, 4, 612-618. | 5.8 | 9 |
| 30 | A Rapid Non-Destructive Hyperspectral Imaging Data Model for the Prediction of Pungent Constituents in Dried Ginger. Foods, 2022, 11, 649. | 4.3 | 8 |
| 31 | Waterâ€soluble carbohydrates during fermentation and baking of composite wheat and lentil flourâ€ Implications for enhanced functionality. Cereal Chemistry, 2019, 96, 447-455. | 2.2 | 7 |
| 32 | Loss of<i>trans</i>-â€resveratrol during storage and ageing of red wines. Australian Journal of Grape and Wine Research, 2020, 26, 385-387. | 2.1 | 7 |
| 33 | Application of infrared spectroscopy for the prediction of nutritional content and quality assessment of faba bean (<sc><i>Vicia faba</i></sc> L.). , 2020, 2, e40. | | 7 |
| 34 | Carotenoids, ascorbic acid and total phenolic content in the root tissue from five Australian-grown sweet potato cultivars. New Zealand Journal of Crop and Horticultural Science, 2022, 50, 32-47. | 1.3 | 7 |
| 35 | Authentication Using Volatile Composition: A Proof-of-Concept Study on the Volatile Profiles of Fourteen Queensland Ciders. Beverages, 2021, 7, 28. | 2.8 | 7 |
| 36 | Î2-Damascenone-yielding precursor(s) from Cabernet Sauvignon grapes. South Pacific Journal of Natural and Applied Sciences, 2001, 19, 11. | 0.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | In vitro Cytotoxic Properties of Crude Polar Extracts of Plants Sourced from Australia. Clinical Complementary Medicine and Pharmacology, 2022, 2, 100022. | 1.5 | 6 |
| 38 | Mid-infrared spectroscopy for entomological purposes: A review. Journal of Asia-Pacific Entomology, 2020, 23, 613-621. | 0.9 | 4 |
| 39 | Impact of thermal processing on levels of acrylamide in a wheatâ€centil flour matrix. , 2021, 3, e78. | | 4 |
| 40 | A Simple Isocratic HPLCâ€“UV Method for the Simultaneous Determination of Citrulline and Arginine in Australian Cucurbits and Other Fruits. Food Analytical Methods, 0, , 1. | 2.6 | 4 |
| 41 | Attitudes towards science among senior secondary students in Fiji. Waikato Journal of Education, 0, 25, 57-72. | 0.3 | 4 |
| 42 | Infrared Spectroscopy for the Quality Assessment of Habanero Chilli: A Proof-of-Concept Study. Engineering Proceedings, 2021, 8, 19. | 0.4 | 3 |
| 43 | Finding alternative uses for Australian rosella (Hibiscus sabdariffa) byproducts: nutritional potential and in vitro digestibility studies. Animal Production Science, 2022, , . | 1.3 | 3 |
| 44 | The Attitudes of Tongan Senior Secondary Students Toward Science. New Zealand Journal of Educational Studies, 0, , 1. | 1.1 | 2 |
| 45 | Changes in Anthocyanin and Antioxidant Contents during Maturation of Australian Highbush Blueberry (Vaccinium corymbosum L.) Cultivars. Engineering Proceedings, 2021, 11, 6. | 0.4 | 2 |
| 46 | The Phytochemistry and Anticarcinogenic Activity of Noni Juice. Engineering Proceedings, 2021, 11, . | 0.4 | 2 |
| 47 | Attitude to the subject of chemistry in undergraduate nursing students at Fiji National University and Federation University, Australia. Collegian, 2015, 22, 369-375. | 1.3 | 1 |
| 48 | A Review of Vitamin D and Its Precursors in Plants and Their Translation to Active Metabolites in Meat. Food Reviews International, 2023, 39, 1770-1798. | 8.4 | 1 |
| 49 | Within-Canopy Variation in the Ascorbic Acid Content of Tuckeroo (Cupaniopsis anacardioides) Fruits. , 2021, 11, . | | 1 |
| 50 | Attitude and Achievement of First-Year Chemistry Undergraduate Students at The University of the South Pacific. Frontiers in Education, 2022, 7, . | 2.1 | 1 |
| 51 | Australian Ethnomedicinal Plant Extracts Promote Apoptosis-Mediated Cell Death In Human Hepatocellular Carcinoma In Vitro. Pharmacognosy Communications, 2021, 11, 210-213. | 0.5 | 0 |
| 52 | Correlations between Capsaicin, Dihydrocapsaicin and Phenolic Content in Habanero Chillies. , 2021, 6, . | | 0 |