

# Joel B Johnson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6784921/publications.pdf>

Version: 2024-02-01

48  
papers

1,130  
citations

623574

14  
h-index

454834

30  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1332  
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	Green extraction of phenolic compounds from foxtail millet bran by ultrasonic-assisted deep eutectic solvent extraction: Optimization, comparison and bioactivities. <i>LWT - Food Science and Technology</i> , 2022, 154, 112740.	2.5	56
6	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
7	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
8	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
9	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
10	Observations on the common brown butterfly ( <i>Heteronympha merope</i> ) in the early 1900s in Australia using digitized specimens. <i>Journal of Asia-Pacific Entomology</i> , 2022, 25, 101898.	0.4	0
11	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
12	Discrimination of centre composition in panned chocolate goods using near infrared spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2022, 30, 130-137.	0.8	1
13	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
14	Antioxidative and therapeutic potential of selected Australian plants: A review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113580.	2.0	37
15	Pungent and volatile constituents of dried Australian ginger. <i>Current Research in Food Science</i> , 2021, 4, 612-618.	2.7	9
16	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
17	Processes, Challenges and Optimisation of Rum Production from Molassesâ€”A Contemporary Review. <i>Fermentation</i> , 2021, 7, 21.	1.4	12
18	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

#	ARTICLE	IF	CITATIONS
19	Attitudes and awareness of regional Pacific Island students towards e-learning. International Journal of Educational Technology in Higher Education, 2021, 18, 13.	4.5	20
20	Authentication Using Volatile Composition: A Proof-of-Concept Study on the Volatile Profiles of Fourteen Queensland Ciders. Beverages, 2021, 7, 28.	1.3	7
21	Phenolic Profiles of Ten Australian Faba Bean Varieties. Molecules, 2021, 26, 4642.	1.7	14
22	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.	2.4	12
23	Quantitative profiling of gingerol and its derivatives in Australian ginger. Journal of Food Composition and Analysis, 2021, 104, 104190.	1.9	11
24	Phenolic profiles and nutritional quality of four new mungbean lines grown in northern Australia. , 2021, 3, e70.		15
25	Nutritional Quality and Bioactive Constituents of Six Australian Plum Varieties. International Journal of Fruit Science, 2021, 21, 115-132.	1.2	15
26	Infrared Spectroscopy for the Quality Assessment of Habanero Chilli: A Proof-of-Concept Study. Engineering Proceedings, 2021, 8, 19.	0.4	3
27	Changes in Anthocyanin and Antioxidant Contents during Maturation of Australian Highbush Blueberry ( <i>Vaccinium corymbosum</i> L.) Cultivars. Engineering Proceedings, 2021, 11, 6.	0.4	2
28	The Phytochemistry and Anticarcinogenic Activity of Noni Juice. Engineering Proceedings, 2021, 11, .	0.4	2
29	Correlations between Capsaicin, Dihydrocapsaicin and Phenolic Content in Habanero Chillies. , 2021, 6, .		0
30	Within-Canopy Variation in the Ascorbic Acid Content of Tuckeroo ( <i>Cupaniopsis anacardioides</i> ) Fruits. , 2021, 11, .		1
31	Rapid Assessment of Protein Structural Changes from Frost Damage: A Proof-of-Concept Study Using <i>Pittosporum spinescens</i> (Apiales). , 2021, 11, .		0
32	Seeing red: A review of the use of near-infrared spectroscopy (NIRS) in entomology. Applied Spectroscopy Reviews, 2020, 55, 810-839.	3.4	35
33	An overview of near-infrared spectroscopy (NIRS) for the detection of insect pests in stored grains. Journal of Stored Products Research, 2020, 86, 101558.	1.2	52
34	Oxidative stress in alzheimerâ€™s disease: A review on emergent natural polyphenolic therapeutics. Complementary Therapies in Medicine, 2020, 49, 102294.	1.3	151
35	Loss of <i>trans</i> -resveratrol during storage and ageing of red wines. Australian Journal of Grape and Wine Research, 2020, 26, 385-387.	1.0	7
36	Morphology, life cycle and management of two invasive subspecies of <i>Papilio demoleus</i> (Lepidoptera: Tj ETQq0 0 Q,rgBT /Overlock 10 T	0.8	3

#	ARTICLE	IF	CITATIONS
37	Mid-infrared spectroscopy for entomological purposes: A review. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 613-621.	0.4	4
38	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
39	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
40	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
41	Antioxidative properties and macrochemical composition of five commercial mungbean varieties in Australia. , 2020, 2, e27.		25
42	Profiling the varietal antioxidative contents and macrochemical composition in Australian faba beans ( <i>Vicia faba</i> L.). , 2020, 2, e28.		32
43	Near-infrared spectroscopy (NIRS) for taxonomic entomology: A brief review. <i>Journal of Applied Entomology</i> , 2020, 144, 241-250.	0.8	19
44	Natural product-derived phytochemicals as potential agents against coronaviruses: A review. <i>Virus Research</i> , 2020, 284, 197989.	1.1	337
45	Quantification and distribution of a <i>Tetragonula carbonaria</i> swarm (Hymenoptera: Apidae). <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 439-441.	0.4	0
46	Determining meat freshness using electrochemistry: Are we ready for the fast and furious?. <i>Meat Science</i> , 2019, 150, 40-46.	2.7	27
47	The Attitudes of Tongan Senior Secondary Students Toward Science. <i>New Zealand Journal of Educational Studies</i> , 0, , 1.	0.6	2
48	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