

Peter Brooks

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,216
citations

361296

20
h-index

377752

34
g-index

43
all docs

43
docs citations

43
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of carbonaceous combustion residues. I. Morphological, elemental and spectroscopic features. <i>Chemosphere</i> , 2003, 51, 785-795.	4.2	153
2	Therapeutic Manuka Honey: No Longer So Alternative. <i>Frontiers in Microbiology</i> , 2016, 7, 569.	1.5	128
3	Characterization of carbonaceous combustion residues: II. Nonpolar organic compounds. <i>Chemosphere</i> , 2003, 53, 447-458.	4.2	86
4	A critical evaluation of high performance liquid chromatography-electrospray ionisation-mass spectrometry and capillary electrophoresis- electrospray-mass spectrometry for the detection and determination of small molecules of significance in clinical and forensic science. <i>Electrophoresis</i> , 2004, 25, 1413-1446.	1.3	67
5	Fuel characterisation, engine performance, combustion and exhaust emissions with a new renewable Licella biofuel. <i>Energy Conversion and Management</i> , 2015, 96, 588-598.	4.4	67
6	The Antibacterial Activity of Australian <i>Leptospermum</i> Honey Correlates with Methylglyoxal Levels. <i>PLoS ONE</i> , 2016, 11, e0167780.	1.1	61
7	Cerumen of Australian stingless bees (<i>Tetragonula carbonaria</i>): gas chromatography-mass spectrometry fingerprints and potential anti-inflammatory properties. <i>Die Naturwissenschaften</i> , 2011, 98, 329-337.	0.6	56
8	The Occurrence of Bioactive Micromonosporae in Aquatic Habitats of the Sunshine Coast in Australia. <i>Marine Drugs</i> , 2008, 6, 243-261.	2.2	54
9	Regional, Annual, and Individual Variations in the Dihydroxyacetone Content of the Nectar of <i>Mañuka</i> (<i>Leptospermum scoparium</i>) in New Zealand. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10332-10340.	2.4	38
10	Nutritional quality of almond, canarium, cashew and pistachio and their oil photooxidative stability. <i>Journal of Food Science and Technology</i> , 2019, 56, 792-798.	1.4	34
11	In Vitro Antibacterial Phenolic Extracts from Sugarbag Pot-Honeys of Australian Stingless Bees (<i>Tetragonula carbonaria</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12209-12217.	2.4	29
12	Use of Diphenyliodonium Bromide in the Synthesis of Some N-Phenyl α -Amino Acids. <i>Synthetic Communications</i> , 2010, 40, 1161-1179.	1.1	28
13	Molecular Characterisation of Colour Formation in the Prawn <i>Fenneropenaeus merguensis</i> . <i>PLoS ONE</i> , 2013, 8, e56920.	1.1	28
14	Chemical composition and antimicrobial activity of honeybee (<i>Apis mellifera ligustica</i>) propolis from subtropical eastern Australia. <i>Die Naturwissenschaften</i> , 2015, 102, 68.	0.6	28
15	The cleavage of $Pi-C$ bonds in diphosphines by lithium: the crystal structure of $[Li_4\{PhPCH_2CH_2PPh\}_2(OC_4H_8)_8]$. <i>Journal of Organometallic Chemistry</i> , 1987, 323, C1-C4.	0.8	27
16	Effects of roasting on kernel peroxide value, free fatty acid, fatty acid composition and crude protein content. <i>PLoS ONE</i> , 2017, 12, e0184279.	1.1	27
17	Dereplication of phytochemicals in plants by LC-ESI-MS and ESI-MSn. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 33, 46-54.	5.8	26
18	Phloroglucinols from Antimicrobial Deposits Resins of Australian Stingless Bees (<i>Tetragonula</i>)	2.8	25

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19	Experimental Analysis of the Morphology and Nanostructure of Soot Particles for Butanol/Diesel Blends at Different Engine Operating Modes. <i>Energy & Fuels</i> , 2019, 33, 5632-5646.	2.5	25
20	The chemistry of an unusual seed dispersal mutualism: bees use a complex set of olfactory cues to find their partner. <i>Animal Behaviour</i> , 2014, 98, 41-51.	0.8	20
21	Evaluation of the composition of omega-3 fatty acids in dietary oil supplements. <i>Nutrition and Dietetics</i> , 2010, 67, 182-189.	0.9	18
22	An investigation of bioactive phytochemicals in the leaves of <i>Melicope vitiflora</i> by electrospray ionisation ion trap mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 634, 115-120.	2.6	17
23	Chemical Constituents of Kino Extract from <i>Corymbia torelliana</i> . <i>Molecules</i> , 2014, 19, 17862-17871.	1.7	17
24	Rapid and Reliable HPLC Method for the Simultaneous Determination of Dihydroxyacetone, Methylglyoxal and 5-Hydroxymethylfurfural in <i>Leptospermum</i> Honeys. <i>PLoS ONE</i> , 2016, 11, e0167006.	1.1	17
25	The characterisation of synthetic and natural-product pharmaceuticals by electrospray ionisation-mass spectrometry (ESI-MS) and liquid chromatography (LC)-ESI-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 572-582.	5.8	16
26	Combined exposure to pyrene and fluoranthene and their molecular effects on the Sydney rock oyster, <i>Saccostrea glomerata</i> . <i>Aquatic Toxicology</i> , 2016, 177, 136-145.	1.9	14
27	Omega-3 Fatty Acids Modulate Weibel-Palade Body Degranulation and Actin Cytoskeleton Rearrangement in PMA-Stimulated Human Umbilical Vein Endothelial Cells. <i>Marine Drugs</i> , 2013, 11, 4435-4450.	2.2	12
28	Pollen Paternity Can Affect Kernel Size and Nutritional Composition of Self-Incompatible and New Self-Compatible Almond Cultivars. <i>Agronomy</i> , 2021, 11, 326.	1.3	12
29	Streptophage-mediated control of off-flavour taint producing streptomycetes isolated from barramundi ponds. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 105-112.	1.8	11
30	Impact of camping on ground and beach flow water quality on the eastern beach of K'gari-Fraser Island: a preliminary study. <i>Australasian Journal of Environmental Management</i> , 2015, 22, 216-232.	0.6	9
31	A Performance Evaluation of Vis/NIR Hyperspectral Imaging to Predict Curcumin Concentration in Fresh Turmeric Rhizomes. <i>Remote Sensing</i> , 2021, 13, 1807.	1.8	9
32	Improving Benefit-harm Assessment of Therapies from the Patient Perspective: OMERACT Premeeting Toward Consensus on Core Sets for Randomized Controlled Trials. <i>Journal of Rheumatology</i> , 2019, 46, 1053-1058.	1.0	8
33	Patient Perspectives on DMARD Safety Concerns in Rheumatology Trials: Results from Inflammatory Arthritis Patient Focus Groups and OMERACT Attendees Discussion. <i>Journal of Rheumatology</i> , 2019, 46, 1168-1172.	1.0	8
34	Fuel feedstock determines biodiesel exhaust toxicity in a human airway epithelial cell exposure model. <i>Journal of Hazardous Materials</i> , 2021, 420, 126637.	6.5	8
35	Investigation of antibacterial phytochemicals in the bark and leaves of <i>Ficus coronata</i> by high-performance liquid chromatography-electrospray ionization-ion trap mass spectrometry (HPLC-ESI-MS) and ESI-MS. <i>Electrophoresis</i> , 2012, 33, 713-718.	1.3	7
36	Adsorption and Leachable Contamination of Flucloxacillin, Cyclosporin and Amiodarone Following Delivery Through an Intravenous Administration Set. <i>Pharmaceutical Research</i> , 2018, 35, 121.	1.7	7

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37	Semi-volatile organic compounds in the campaspe river system (Victoria, Australia). <i>Water Research</i> , 2001, 35, 1861-1868.	5.3	6
38	Characterization of Synthetic and Natural Product Pharmaceuticals by Functional Group Analysis using Electrospray Ionization-Ion Trap Mass Spectrometry: A Mini-Review. <i>Analytical Letters</i> , 2015, 48, 2661-2675.	1.0	4
39	In Vitro primary human airway epithelial whole exhaust exposure. <i>MethodsX</i> , 2021, 8, 101561.	0.7	3
40	Callus culture as a new approach for the production of high added value compounds in <i>Ilex paraguariensis</i> : genotype influence, medium optimization and compounds identification. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20181251.	0.3	3
41	<i>Ilex paraguariensis</i> : the effect of genotypes and growth phase on biomass, secondary metabolism and antioxidant activity of in vitro cultivated calli. <i>Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2022, 21, 548-560.	0.2	0