Noel W Davies

List of Publications by Year
in descending order

174 papers	7,898 citations	71102 41 h-index	58581 82 g-index
175 all docs	175 docs citations	175 times ranked	8542 citing authors

#	Article	IF	Citations
1	Gas chromatographic retention indices of monoterpenes and sesquiterpenes on methyl silicon and Carbowax 20M phases. Journal of Chromatography A, 1990, 503, 1-24.	3.7	1,936
2	A photosynthetic alveolate closely related to apicomplexan parasites. Nature, 2008, 451, 959-963.	27.8	437
3	Gas chromatographic quality control for oil of Melaleuca terpinen-4-ol type (Australian tea tree). Journal of Agricultural and Food Chemistry, 1989, 37, 1330-1335.	5.2	243
4	Strigolactones promote nodulation in pea. Planta, 2011, 234, 1073-1081.	3.2	230
5	Hormonal changes during non-climacteric ripening in strawberry. Journal of Experimental Botany, 2012, 63, 4741-4750.	4.8	228
6	Non-structural carbohydrates in woody plants compared among laboratories. Tree Physiology, 2015, 35, tpv073.	3.1	163
7	Cold Adaptation in the Antarctic Archaeon Methanococcoides burtonii Involves Membrane Lipid Unsaturation. Journal of Bacteriology, 2004, 186, 8508-8515.	2.2	148
8	Ethylene Oligomerization with Crâ^'NHC Catalysts: Further Insights into the Extended Metallacycle Mechanism of Chain Growth. Organometallics, 2008, 27, 4238-4247.	2.3	134
9	EARLY FLOWERING3 Regulates Flowering in Spring Barley by Mediating Gibberellin Production and FLOWERING LOCUS T Expression Â. Plant Cell, 2014, 26, 1557-1569.	6.6	121
10	Effect of Drying Temperature and Air Flow on the Production and Retention of Secondary Metabolites in Saffron. Journal of Agricultural and Food Chemistry, 2005, 53, 5969-5975.	5.2	94
11	Determining the Site of Action of Strigolactones during Nodulation. Plant Physiology, 2017, 175, 529-542.	4.8	85
12	Reductive disproportionation of carbon dioxide by a Sm(ii) complex: Unprecedented f-block element reactivity giving a carbonate complex. Chemical Communications, 2006, , 4853.	4.1	82
13	Auxin Biosynthesis in Pea: Characterization of the Tryptamine Pathway Â Â. Plant Physiology, 2009, 151, 1130-1138.	4.8	82
14	Identification of hydrolysable tannins in the reaction zone of Eucalyptus nitens wood by high performance liquid chromatography-electrospray ionisation mass spectrometry. Phytochemical Analysis, 2001, 12, 120-127.	2.4	80
15	Title is missing!. Journal of Chemical Ecology, 1999, 25, 2109-2126.	1.8	72
16	Tryptophan metabolism, its relation to inflammation and stress markers and association with psychological and cognitive functioning: Tasmanian Chronic Kidney Disease pilot study. BMC Nephrology, 2016, 17, 171.	1.8	70
17	Biosynthesis of the Halogenated Auxin, 4-Chloroindole-3-Acetic Acid Â Â. Plant Physiology, 2012, 159, 1055-1063.	4.8	69
18	Regiospecificity profiles of storage and membrane lipids from the gill and muscle tissue of atlantic salmon (Salmo salar L.) grown at elevated temperature. Lipids, 2006, 41, 865-876.	1.7	66

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19	Chemical Composition of Odorous Secretions in the Tasmanian Short-Beaked Echidna (Tachyglossus) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	66
20	Microsomal metabolism of the terpene 1,8-cineole in the common brushtail possum (Trichosurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	64
21	A role for ethylene in the phytochrome-mediated control of vegetative development. Plant Journal, 2006, 46, 911-921.	5.7	62
22	Reassessing the Role of N-Hydroxytryptamine in Auxin Biosynthesis. Plant Physiology, 2010, 154, 1957-1965.	4.8	59
23	Diet switching in a generalist mammalian folivore: fundamental to maximising intake. Oecologia, 2006, 147, 650-657.	2.0	58
24	Effect of limited water availability on foliar plant secondary metabolites of two Eucalyptus species. Environmental and Experimental Botany, 2014, 105, 55-64.	4.2	58
25	Characterisation of major peptides in â€˜jack jumperâ€™ ant venom by mass spectrometry. Toxicon, 2004, 43, 173-183.	1.6	57
26	Monoterpenes and Epicuticular Waxes Help Female Autumn Gum Moth Differentiate Between Waxy and Glossy Eucalyptus and Leaves of Different Ages. Journal of Chemical Ecology, 2004, 30, 1117-1142.	1.8	56
27	Unsaturated diether lipids in the psychrotrophic archaeon Halorubrum lacusprofundi. Systematic and Applied Microbiology, 2005, 28, 19-26.	2.8	56
28	Optimized extraction of anthocyanins from Reid Fruitsâ€™ Prunus avium â€˜Lapinsâ€™ cherries. Food Chemistry, 2018, 256, 280-285.	8.2	53
29	Metabolic fate of dietary terpenes fromEucalyptus radiata in common ringtail possum (Pseudocheirus) Tj ETQq1 1 0.784314 rgBT /Over	1.8	52
30	Genetic resistance of Eucalyptus globulus to autumn gum moth defoliation and the role of cuticular waxes. Canadian Journal of Forest Research, 2002, 32, 1961-1969.	1.7	52
31	Chromatographic methods for the isolation, separation and characterisation of dissolved organic matter. Environmental Sciences: Processes and Impacts, 2015, 17, 1531-1567.	3.5	52
32	Effects of nutrient variability on the genetic-based resistance of Eucalyptus globulus to a mammalian herbivore and on plant defensive chemistry. Oecologia, 2005, 142, 597-605.	2.0	50
33	Whole-plant versus leaf-level regulation of photosynthetic responses after partial defoliation in Eucalyptus globulus saplings. Journal of Experimental Botany, 2013, 64, 1625-1636.	4.8	49
34	Residual transpiration as a component of salinity stress tolerance mechanism: a case study for barley. BMC Plant Biology, 2017, 17, 107.	3.6	49
35	Uncoupling brassinosteroid levels and de-etiolation in pea. Physiologia Plantarum, 2002, 115, 311-319.	5.2	47
36	Original article: Myrmecia pilosula (Jack Jumper) ant venom: identification of allergens and revised nomenclature. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 437-443.	5.7	46

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37	Study of New Extraction Methods for Separation of Anthocyanins from Red Grape Skins: Analysis by HPLC and LC-MS/MS. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2686-2703.	1.0	45
38	Characterization of aggregation factors and associated compounds from the argentine ant,Iridomyrmex humilis. Journal of Chemical Ecology, 1980, 6, 371-384.	1.8	44
39	Emission of Volatiles From Brown Boronia Flowers: Some Comparative Observations. Annals of Botany, 2000, 86, 347-354.	2.9	44
40	Title is missing!. Journal of Paleolimnology, 1998, 19, 1-22.	1.6	43
41	Dissipation of Propiconazole and Tebuconazole in Peppermint Crops (Mentha piperita(Labiatae)) and Their Residues in Distilled Oils. Journal of Agricultural and Food Chemistry, 1999, 47, 294-298.	5.2	43
42	Iridodials and nepetalactone in the defensive secretion of the coconut stick insects,Graeffea crouani. Journal of Chemical Ecology, 1979, 5, 727-735.	1.8	42
43	Polyunsaturated fatty acids in the psychrophilic bacterium Shewanella gelidimarina ACAM 456T: molecular species analysis of major phospholipids and biosynthesis of eicosapentaenoic acid. Lipids and Lipid Metabolism, 1997, 1347, 164-176.	2.6	42
44	Proteomic analysis of Myrmecia pilosula (jack jumper) ant venom. Toxicon, 2006, 47, 208-217.	1.6	41
45	Unraveling the Mechanism of Polymerization with the Phillips Catalyst. Organometallics, 2010, 29, 6111-6116.	2.3	40
46	Wound wood formation in Eucalyptus globulus and Eucalyptus nitens: anatomy and chemistry. Canadian Journal of Forest Research, 2003, 33, 2331-2339.	1.7	38
47	Novel detection of formylated phloroglucinol compounds (FPCs) in the wound wood of Eucalyptus globulus and E. nitens. Journal of Chemical Ecology, 2003, 29, 881-898.	1.8	37
48	Quantitative trait loci for foliar terpenes in a global eucalypt species. Tree Genetics and Genomes, 2011, 7, 485-498.	1.6	37
49	An Argentine ant aggregation factor. Experientia, 1979, 35, 989-990.	1.2	36
50	Pharmacokinetics of 1,8-cineole, a dietary toxin, in the brushtail possum (<b><i>Trichosurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.1	36
51	The hormonal regulation of de-etiolation. Planta, 2008, 227, 1115-1125.	3.2	36
52	Pilosulins: A review of the structure and mode of action of venom peptides from an Australian ant Myrmecia pilosula. Toxicon, 2015, 98, 54-61.	1.6	36
53	Synthesis and Decomposition Behavior of Pallada(IV)cyclopentane Complexes. Organometallics, 1998, 17, 2046-2051.	2.3	35
54	Metabolomics reveals increased isoleukotoxin diol (12,13-DHOME) in human plasma after acute Intralipid infusion. Journal of Lipid Research, 2012, 53, 1979-1986.	4.2	35

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55	Auxin-Induced Resistance to Common Scab Disease of Potato Linked to Inhibition of Thaxtomin A Toxicity. Plant Disease, 2008, 92, 1321-1328.	1.4	34
56	Automated screening procedure using gas chromatographyâ€"mass spectrometry for identification of drugs after their extraction from biological samples. Biomedical Applications, 1991, 565, 207-224.	1.7	33
57	Polyphenols in Acacia mangium and Acacia auriculiformis heartwood with reference to heart rot susceptibility. Journal of Wood Science, 2005, 51, 615-621.	1.9	32
58	Pilosulin 5, a novel histamine-releasing peptide of the Australian ant, Myrmecia pilosula (Jack Jumper) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	32
59	Stability of Plant Defensive Traits Among Populations in Two Eucalyptus Species Under Elevated Carbon Dioxide. Journal of Chemical Ecology, 2012, 38, 204-212.	1.8	32
60	Temporal variation of tannins (galloylglucoses), flavonols and anthocyanins in leaves of Eucalyptus nitens seedlings: implications for light attenuation and antioxidant activities. Functional Plant Biology, 2001, 28, 269.	2.1	32
61	Drugs, alcohol and road accidents in Tasmania. Medical Journal of Australia, 1987, 147, 6-11.	1.7	31
62	Metabolites of dietary 1,8-cineole in the male koala (Phascolarctos cinereus). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 129, 385-395.	2.6	31
63	Effect of season and different fungi on phenolics in response to xylem wounding and inoculation in Eucalyptus nitens. Forest Pathology, 2002, 32, 163-178.	1.1	31
64	Host responses to natural infection byCytonaemasp. in the aerial bark ofEucalyptus globulus. Forest Pathology, 2003, 33, 317-331.	1.1	31
65	How do soil nutrients affect within-plant patterns of herbivory in seedlings of Eucalyptus nitens?. Oecologia, 2006, 150, 409-420.	2.0	31
66	Microsomal metabolism and enyzme kinetics of the terpenep-cymene in the common brushtail possum (Trichosurus vulpecula), koala (Phascolarctos cinereus) and rat. Xenobiotica, 2002, 32, 383-397.	1.1	30
67	Constitutive or induced defences - how does Eucalyptus globulus defend itself from larval feeding?. Chemoecology, 2007, 17, 235-243.	1.1	30
68	Fate of the Dietary Terpene, P-Cymene, in the Male Koala. Journal of Chemical Ecology, 2000, 26, 1095-1111.	1.8	29
69	LCâ€"MS method for the determination of albuterol enantiomers in human plasma using manual solid-phase extraction and a non-deuterated internal standard. Journal of Pharmaceutical and Biomedical Analysis, 2003, 31, 1237-1243.	2.8	29
70	C-27 Apocarotenoids in the Flowers ofBoronia megastigma(Nees). Journal of Agricultural and Food Chemistry, 2003, 51, 2384-2389.	5.2	29
71	Hydrogen/deuterium exchange on aromatic rings during atmospheric pressure chemical ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 1105-1110.	1.5	29
72	Variation in leaf oils of Eucalyptus nitens and E. denticulata. Biochemical Systematics and Ecology, 1994, 22, 631-640.	1.3	27

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73	Effect of drying conditions on pyrethrins content. Industrial Crops and Products, 2006, 23, 9-14.	5.2	27
74	Title is missing!. Journal of Paleolimnology, 1997, 18, 335-350.	1.6	26
75	Improved detection of polyunsaturated fatty acids as phenacyl esters using liquid chromatography-ion trap mass spectrometry. Journal of Microbiological Methods, 2002, 50, 103-113.	1.6	26
76	Application of solid-phase microextraction to the quantitative analysis of 1,8-cineole in blood and expired air in a Eucalyptus herbivore, the brushtail possum (Trichosurus vulpecula). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 780, 397-406.	2.3	26
77	SPATIAL SCALE OF THE PATCHINESS OF PLANT POISONS: A CRITICAL INFLUENCE ON FORAGING EFFICIENCY. Ecology, 2006, 87, 2236-2243.	3.2	26
78	Phylogeny Explains Variation in The Root Chemistry of Eucalyptus Species. Journal of Chemical Ecology, 2016, 42, 1086-1097.	1.8	26
79	Functionalized polyanilines disrupt Pseudomonas aeruginosa and Staphylococcus aureus biofilms. Colloids and Surfaces B: Biointerfaces, 2015, 136, 666-673.	5.0	25
80	Mandibular gland secretions of two parasitoid wasps (Hymenoptera: Ichneumonidae). Journal of Chemical Ecology, 1985, 11, 1115-1127.	1.8	24
81	Distribution and metabolism of 1,2,4-trimethylbenzene (pseudocumene) in the rat. Xenobiotica, 1989, 19, 161-170.	1.1	24
82	Jensenone: Biological Reactivity of a Marsupial Antifeedant from Eucalyptus. Journal of Chemical Ecology, 2004, 30, 19-36.	1.8	24
83	IN SITU LUBRICANT DEGRADATION IN ANTARCTIC MARINE SEDIMENTS. 1. SHORT-TERM CHANGES. Environmental Toxicology and Chemistry, 2006, 25, 356.	4.3	24
84	Behavioral Responses of a Generalist Mammalian Folivore to the Physiological Constraints of a Chemically Defended Diet. Journal of Chemical Ecology, 2006, 32, 1133-1147.	1.8	24
85	Unexpected property of ectoine synthase and its application for synthesis of the engineered compatible solute ADPC. Applied Microbiology and Biotechnology, 2011, 91, 113-122.	3.6	24
86	Responses to mild water deficit and rewatering differ among secondary metabolites but are similar among provenances withinEucalyptusspecies. Tree Physiology, 2016, 36, tpv106.	3.1	24
87	Stems of the Arabidopsis pin1-1 mutant are not deficient in free indole-3-acetic acid. Planta, 2005, 222, 530-534.	3.2	23
88	Changes in Some Carotenoids and Apocarotenoids during Flower Development in Boronia megastigma (Nees). Journal of Agricultural and Food Chemistry, 2009, 57, 1513-1520.	5.2	23
89	Can an ancestral condition for milk oligosaccharides be determined? Evidence from the Tasmanian echidna (Tachyglossus aculeatus setosus). Glycobiology, 2014, 24, 826-839.	2.5	23
90	Enantiomeric distribution of selected terpenes for authenticity assessment of Australian Melaleuca alternifolia oil. Industrial Crops and Products, 2015, 67, 475-483.	5.2	23

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91	Genetic control of cuticular wax compounds in Eucalyptus globulus. New Phytologist, 2016, 209, 202-215.	7.3	23
92	Expression of gibberellin mutations in fruits of Pisum sativum L.. Planta, 1998, 204, 397-403.	3.2	22
93	Inheritance Of Resistance to Mammalian Herbivores and of Plant Defensive Chemistry in an Eucalyptus Species. Journal of Chemical Ecology, 2005, 31, 357-375.	1.8	22
94	Causes and Consequences of Host Expansion by Mnesampela privata. Journal of Chemical Ecology, 2008, 34, 153-167.	1.8	22
95	Determination of Enantiomeric Distribution of Terpenes for Quality Assessment of Australian Tea Tree Oil. Journal of Agricultural and Food Chemistry, 2016, 64, 4817-4819.	5.2	22
96	Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, Trichosurus vulpecula. Journal of Chemical Ecology, 2001, 27, 1077-1089.	1.8	21
97	Epicuticular waxes and plant primary metabolites on the surfaces of juvenile Eucalyptus globulus and E. nitens (Myrtaceae) leaves. Australian Journal of Botany, 2009, 57, 474.	0.6	21
98	Nursery conditions affect seedling chemistry, morphology and herbivore preferences for Eucalyptus nitens. Forest Ecology and Management, 2003, 176, 585-594.	3.2	19
99	Enhanced resistance to the cellulose biosynthetic inhibitors, thaxtomin A and isoxaben in Arabidopsis thaliana mutants, also provides specific co-resistance to the auxin transport inhibitor, 1-NPA. BMC Plant Biology, 2013, 13, 76.	3.6	19
100	Chemical communication, sexual selection, and introgression in wall lizards. Evolution; International Journal of Organic Evolution, 2017, 71, 2327-2343.	2.3	19
101	Triterpenoids in bud exudates of FijianGardenia species. Phytochemistry, 1992, 31, 159-162.	2.9	18
102	Gravistimulation leads to asymmetry of both auxin and gibberellin levels in barley pulvini. Physiologia Plantarum, 2007, 131, 140-148.	5.2	18
103	Myrmecia pilosula (Jack Jumper) ant venom: Validation of a procedure to standardise an allergy vaccine. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 58-65.	2.8	18
104	Enantiospecific gas chromatographicâ€"mass spectrometric procedure for the determination of ketoprofen and ibuprofen in synovial fluid and plasma: application to protein binding studies. Biomedical Applications, 1992, 584, 189-197.	1.7	17
105	The Dissipation of Tebuconazole and Propiconazole in Boronia (Boronia megastigmaNees). Journal of Agricultural and Food Chemistry, 2004, 52, 6200-6204.	5.2	17
106	Papyriferic Acid, An Antifeedant Triterpene From Birch Trees, Inhibits Succinate Dehydrogenase From Liver Mitochondria. Journal of Chemical Ecology, 2009, 35, 1252-1261.	1.8	17
107	Evaluation of Repellent Properties of Volatile Extracts From the Australian Native PlantKunzea ambiguaAgainstAedes aegypti(Diptera: Culcidae). Journal of Medical Entomology, 2009, 46, 1387-1391.	1.8	17
108	Chemical signals in the echidna: differences between seasons, sexes, individuals and gland types. Journal of Zoology, 2014, 293, 171-180.	1.7	16

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109	Role ofEucalyptus globuluswound wood extractives: evidence of superoxide dismutase-like activity. Forest Pathology, 2004, 34, 225-232.	1.1	15
110	Phenolic acclimation to ultraviolet-A irradiation in Eucalyptus nitens seedlings raised across a nutrient environment gradient. Photosynthetica, 2007, 45, 36-42.	1.7	14
111	Early ontogenetic trajectories vary among defence chemicals in seedlings of a fastâ€growing eucalypt. Austral Ecology, 2010, 35, 157-166.	1.5	14
112	Population divergence in the ontogenetic trajectories of foliar terpenes of a Eucalyptus species. Annals of Botany, 2015, 115, 159-170.	2.9	14
113	Temperature programming and flow rates in capillary gas chromatography. Analytical Chemistry, 1984, 56, 2600-2602.	6.5	13
114	Glucuronuria in the koala. Journal of Chemical Ecology, 2003, 29, 1465-1477.	1.8	13
115	Scent Chemicals of the Brushtail Possum, Trichosurus vulpecula. Journal of Chemical Ecology, 2012, 38, 1318-1339.	1.8	13
116	Triacylglycerol Estolides, a New Class of Mammalian Lipids, in the Paracloacal Gland of the Brushtail Possum (Trichosurus vulpecula). Lipids, 2015, 50, 591-604.	1.7	13
117	Towards complete identification of allergens in Jack Jumper (Myrmecia pilosula) ant venom and their clinical relevance: An immunoproteomic approach. Clinical and Experimental Allergy, 2018, 48, 1222-1234.	2.9	13
118	Volatile scent chemicals in the urine of the red fox, Vulpes vulpes. PLoS ONE, 2021, 16, e0248961.	2.5	13
119	Pigment dynamics during cold-induced photoinhibition of Acacia melanoxylon. Functional Plant Biology, 2004, 31, 481.	2.1	13
120	Stability of Myrmecia pilosula (Jack Jumper) Ant venom for use in immunotherapy. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 303-310.	2.8	12
121	A novel compound from celery seed with a bactericidal effect against <I>Helicobacter pylori</I>. Journal of Pharmacy and Pharmacology, 2009, 61, 1067-1077.	2.4	12
122	Volatile and odorous compounds from the bryozoan Biflustra perfragilis. Biochemical Systematics and Ecology, 1992, 20, 339-342.	1.3	11
123	Traumatic oil glands induced by pruning in the wound-associated phloem of Eucalyptus globulus : chemistry and histology. Trees - Structure and Function, 2004, 18, 204-210.	1.9	11
124	Inheritance Of Resistance To Mammalian Herbivores and Of Plant Defensive Chemistry In A Eucalyptus Species. Journal of Chemical Ecology, 2005, 31, 519-537.	1.8	11
125	Seasonal fluctuations in pigment chemistry of co-occurring plant hemi-parasites of distinct form and function. Environmental and Experimental Botany, 2006, 58, 41-46.	4.2	11
126	Acetylene Oligomerization with Metallocene Catalysts and Triethylaluminum: The Peculiar Course of the Aufbau Reaction with Acetylene. Organometallics, 2009, 28, 5722-5732.	2.3	11

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127	Fractionation of Dissolved Organic Matter on Coupled Reversed-Phase Monolithic Columns and Characterisation Using Reversed-Phase Liquid Chromatography-High Resolution Mass Spectrometry. Chromatographia, 2018, 81, 203-213.	1.3	11
128	Volatile organic compounds in runners near a roadway: increased blood levels after short-duration exercise. British Journal of Sports Medicine, 2010, 44, 731-735.	6.7	10
129	GC-MS method validation and levels of methyl eugenol in a diverse range of tea tree (Melaleuca) Tj ETQq1 1 0.784314 rgBT /Overlock	3.7	10
130	Not Led by the Nose: Volatiles from Undamaged Eucalyptus Hosts Do Not Influence Psyllid Orientation. Insects, 2018, 9, 166.	2.2	10
131	Mass spectrometric determination of n-hydroxyphenacetin in urine using multiple metastable peak monitoring following thin-layer chromatography. Biomedical Applications, 1984, 310, 179-187.	1.7	9
132	Determination of Propiconazole Residue in Boronia Extract (Concrete). Journal of Agricultural and Food Chemistry, 1995, 43, 1230-1232.	5.2	9
133	Patterns of peripheral steroid metabolism vary with sex, season, and tissue type in blotched blue-tongued lizards (Tiliqua nigrolutea). General and Comparative Endocrinology, 2005, 140, 14-24.	1.8	9
134	Glycosidic Conjugates of C13 Norisoprenoids, Monoterpenoids, and Cucurbates in Boronia megastigma (Nees). Journal of Agricultural and Food Chemistry, 2011, 59, 2610-2617.	5.2	9
135	Detecting traces of methyl eugenol in essential oils: tea tree oil, a case study. Flavour and Fragrance Journal, 2011, 26, n/a-n/a.	2.6	9
136	Identification and quantification of endogenous gibberellins in apical buds and the cambial region of Eucalyptus. Physiologia Plantarum, 1994, 90, 475-480.	5.2	9
137	Mass spectra of someN-arylacetylhydroxamic acids, acetamidophenols and their methyl dervatives. Organic Mass Spectrometry, 1982, 17, 649-651.	1.3	8
138	A possible alternative to 17Î²-estradiol in a viviparous lizard, Tiliqua nigrolutea. General and Comparative Endocrinology, 2002, 129, 114-121.	1.8	8
139	A new mechanistic pathway under Sonogashira reaction protocol involving multiple acetylene insertions. Dalton Transactions, 2010, 39, 3799.	3.3	8
140	Mammalian herbivores reveal marked genetic divergence among populations of an endangered plant species. Oikos, 2012, 121, 268-276.	2.7	8
141	Determination of pergolide in horse plasma by UPLCâ€“MS/MS for pharmacokinetic applications. Journal of Pharmaceutical and Biomedical Analysis, 2014, 94, 54-57.	2.8	8
142	Foliar quality of co-occurring mallee eucalypts: balance of primary and secondary metabolites reflects past growing conditions. Chemoecology, 2015, 25, 179-191.	1.1	8
143	Determination and optimization of flow rates in vacuum capillary gas chromatography. Analytical Chemistry, 1984, 56, 2618-2620.	6.5	7
144	Distinction between melanins derived from different precursors using pyrolysis/gas chromatography/mass spectrometry and the NIST mass spectral search algorithm. Journal of Analytical and Applied Pyrolysis, 2003, 70, 649-663.	5.5	7

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145	Revisiting the Aufbau Reaction with Acetylene: Growth at Aluminium Producing a Unique Oligomer Distribution. Chemistry - A European Journal, 2009, 15, 1082-1085.	3.3	7
146	Reassessing the role of YUCCAs in auxin biosynthesis. Plant Signaling and Behavior, 2011, 6, 437-439.	2.4	7
147	Identification of the putative aggregation pheromone components emitted by the European earwig, Forficula auricularia. Chemoecology, 2016, 26, 173-186.	1.1	7
148	A water availability gradient reveals the deficit level required to affect traits in potted juvenileEucalyptus globulus. Annals of Botany, 2017, 119, mcw266.	2.9	7
149	Pharmaceutical and preclinical evaluation of Advax adjuvant as a dose-sparing strategy for ant venom immunotherapy. Journal of Pharmaceutical and Biomedical Analysis, 2019, 172, 1-8.	2.8	7
150	Identification, Synthesis and Field Testing of (3Z,6Z,9Z)-3,6,9-Henicosatriene, a Second Bioactive Component of the Sex Pheromone of the Autumn Gum Moth, Mnesampela privata. Journal of Chemical Ecology, 2009, 35, 1411-1422.	1.8	6
151	Hypolipidaemic effect of crude extract from Carpobrotus rossii (pigface) in healthy rats. Food and Chemical Toxicology, 2014, 66, 134-139.	3.6	6
152	Comment on â€œStructural characterization of dissolved organic matter: a review of current techniques for isolation and analysisâ€•by E. C. Minor, M. M. Swenson, B. M. Mattson, and A. R. Oyler, Environ. Sci.: Processes Impacts, 2014, 16, 2064. Environmental Sciences: Processes and Impacts, 2015, 17, 495-496.	3.5	6
153	Simple, quantitative method for low molecular weight dissolved organic matter extracted from natural waters based upon high performance counter-current chromatography. Analytica Chimica Acta, 2016, 909, 129-138.	5.4	6
154	Scent Chemicals of the Tail Gland of the Red Fox,Vulpes vulpes. Chemical Senses, 2019, 44, 215-224.	2.0	6
155	Direct quantitative determinations by multiple metastable peak monitoring. 1â€”warfarin in plasma. Biomedical Mass Spectrometry, 1983, 10, 646-651.	1.9	5
156	Sex and season influence gonadal steroid biosynthetic pathways, end-product production and steroid conjugation in blotched blue-tongued lizards (Tiliqua nigrolutea). General and Comparative Endocrinology, 2003, 134, 131-138.	1.8	5
157	Use of the Anti-Oxidant Butylated Hydroxytoluene in situ for the Synthesis of Readily Oxidized Compounds: Application to the Synthesis of the Moth Pheromone (Z,Z,Z)-3,6,9-Nonadecatriene. Australian Journal of Chemistry, 2007, 60, 848.	0.9	5
158	Evaluation of mid-to-late transition metal imine catalysts for acetylene oligomerisation: A high activity bis(imino)pyridine iron(II) catalyst. Catalysis Today, 2011, 178, 64-71.	4.4	5
159	Analysis of the Enolâ€“Keto Tautomers of Indole-3-pyruvic Acid. Australian Journal of Chemistry, 2015, 68, 345.	0.9	5
160	Quantitative urinary excretion of unmetabolised NÏ„-[Me-14C]methylhistidine by the common ringtail possum (Pseudocheirus peregrinus) marsupialia. Comparative Biochemistry and Physiology A, Comparative Physiology, 1996, 115, 53-55.	0.6	4
161	Determination of optimal timing of 2,4â€dichlorophenoxyacetic acid foliar applications for common scab control in potato. Annals of Applied Biology, 2013, 163, 242-256.	2.5	4
162	Lipids of the Tail Gland, Body and Muzzle Fur of the Red Fox, Vulpes vulpes. Lipids, 2017, 52, 599-617.	1.7	4

#	Article	IF	Citations
163	Receiver Operating Characteristic curve analysis determines association of individual potato foliage volatiles with onion thrips preference, cultivar and plant age. PLoS ONE, 2017, 12, e0181831.	2.5	4
164	Resolution of (+)- and (â˜')-Î±-difluoromethylornithine by capillary gas chromatography. Journal of Chromatography A, 1986, 357, 335-339.	3.7	3
165	Improving the Cost Efficiency of Quality Assurance Screening for Mycotoxins in Malting Barley. Journal of the American Society of Brewing Chemists, 2009, 67, 95-98.	1.1	3
166	Determination of Cotinine, 3â€²-Hydroxycotinine, and Their Glucuronides in Urine by Ultra-high Performance Liquid Chromatography. Analytical Letters, 2015, 48, 1217-1233.	1.8	3
167	Chemical Cues, Hibernation and Reproduction in Female Short-Beaked Echidnas (Tachyglossus) Tj ETQq1 1 0.784314 rgBT /Overlock		3
168	Post-Harvest Chemical Staining in Blackwood (Acacia melanoxylon R. Br.). Holzforschung, 2003, 57, 230-236.	1.9	2
169	Evidence that Indole-3-Acetic Acid is Not Synthesized Via the Indole-3-Acetamide Pathway in Pea Roots. Journal of Plant Growth Regulation, 2014, 33, 831-836.	5.1	2
170	Effect of drying on the degradation of cationic surfactants and separation performance in capillary zone electrophoresis of inorganic anions. Journal of Chromatography A, 1999, 863, 81-87.	3.7	1
171	Bound Volatiles in Brown Boronia Flowers (Boronia megastigma). ACS Symposium Series, 2001, , 183-193.	0.5	1
172	A mutation affecting the synthesis of 4-chloroindole-3-acetic acid. Plant Signaling and Behavior, 2012, 7, 1533-1536.	2.4	1
173	Native pollinator management may be a key to improving fruit set in Tasmanian Mountain Pepper,Tasmannia lanceolata(Winteraceae), an emerging spice resource. Journal of Crop Improvement, 2018, 32, 331-352.	1.7	1
174	Identification of desmostanol as a novel vertebrate sterol in short-beaked echidna secretions. Australian Mammalogy, 2013, 35, 255.	1.1	0