

Paul W Reddell

List of Publications by Year in descending order

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87
papers

2,451
citations

186209

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docs citations

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times ranked

2126
citing authors

#	ARTICLE	IF	CITATIONS
1	THE DISTRIBUTION OF MYCORRHIZAS AMONG FAMILIES OF VASCULAR PLANTS. <i>New Phytologist</i> , 1987, 106, 745-751.	3.5	312
2	Earthworms as vectors of viable propagules of mycorrhizal fungi. <i>Soil Biology and Biochemistry</i> , 1991, 23, 767-774.	4.2	116
3	Precipitation interception in Australian tropical rainforests: II. Altitudinal gradients of cloud interception, stemflow, throughfall and interception. <i>Hydrological Processes</i> , 2007, 21, 1703-1718.	1.1	95
4	Nodulation of Casuarinaceae in Relation to Host Species and Soil Properties. <i>Australian Journal of Botany</i> , 1986, 34, 435.	0.3	76
5	Co-evolution between Frankia populations and host plants in the family Casuarinaceae and consequent patterns of global dispersal. <i>Environmental Microbiology</i> , 1999, 1, 525-533.	1.8	71
6	Dispersal of Spores of Mycorrhizal Fungi in Scats of Native Mammals in Tropical Forests of Northeastern Australia. <i>Biotropica</i> , 1997, 29, 184-192.	0.8	67
7	Formation of Mycorrhizae by Jarrah (<i>Eucalyptus marginata</i> Donn ex Smith) in Litter and Soil. <i>Australian Journal of Botany</i> , 1984, 32, 511.	0.3	65
8	The Importance of Landscape Age in Influencing Landscape Health. <i>EcoHealth</i> , 2001, 7, 7-14.	0.2	65
9	Mycorrhizas and Other Specialized Nutrient-Acquisition Strategies: Their Occurrence in Woodland Plants From Kakadu and Their Role in Rehabilitation of Waste Rock Dumps at a Local Uranium Mine. <i>Australian Journal of Botany</i> , 1992, 40, 223.	0.3	64
10	Intra-Lesional Injection of the Novel PKC Activator EBC-46 Rapidly Ablates Tumors in Mouse Models. <i>PLoS ONE</i> , 2014, 9, e108887.	1.1	62
11	Cluster Roots and Mycorrhizae in <i>Casuarina cunninghamiana</i> : their Occurrence and Formation in Relation to Phosphorus Supply. <i>Australian Journal of Botany</i> , 1997, 45, 41.	0.3	57
12	FRANKIA SOURCE AFFECTS GROWTH, NODULATION AND NITROGEN FIXATION IN CASUARINA SPECIES. <i>New Phytologist</i> , 1985, 100, 115-122.	3.5	53
13	In vitro synthesis of ectomycorrhizas on Casuarinaceae with a range of mycorrhizal fungi. <i>New Phytologist</i> , 1991, 118, 279-288.	3.5	48
14	Growth responses in <i>Casuarina cunninghamiana</i> plantings to inoculation with Frankia. <i>Plant and Soil</i> , 1988, 108, 79-86.	1.8	47
15	Arbuscular mycorrhizas and ectomycorrhizas on <i>Eucalyptus grandis</i> (Myrtaceae) trees and seedlings in native forests of tropical north-eastern Australia. <i>Australian Journal of Botany</i> , 2006, 54, 271.	0.3	46
16	Retrogressive Succession and Restoration on Old Landscapes. , 2007, , 69-89.		46
17	THE EFFECTS OF SODIUM CHLORIDE ON GROWTH AND NITROGEN FIXATION IN CASUARINA OBESA MIQ.. <i>New Phytologist</i> , 1986, 102, 397-408.	3.5	43
18	Precipitation interception in Australian tropical rainforests: I. Measurement of stemflow, throughfall and cloud interception. <i>Hydrological Processes</i> , 2007, 21, 1692-1702.	1.1	42

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19	Water balance of tropical rainforest canopies in north Queensland, Australia. Hydrological Processes, 2007, 21, 3473-3484.	1.1	42
20	Transmission of infective Frankia (actinomycetales) propagules in casts of the endogeic earthworm Pontoscolex corethrurus (Oligochaeta:Glossoscolecidae). Soil Biology and Biochemistry, 1991, 23, 775-778.	4.2	41
21	Anticancer Agents from the Australian Tropical Rainforest: Spiroacetals EBC-23, 24, 25, 72, 73, 75 and 76. Chemistry - A European Journal, 2009, 15, 11307-11318.	1.7	40
22	THE EFFECTS OF SOIL TEMPERATURE ON PLANT GROWTH, NODULATION AND NITROGEN FIXATION IN CASUARINA CUNNINGHAMIANA MIQ.. New Phytologist, 1985, 101, 441-450.	3.5	38
23	Structure and Absolute Stereochemistry of the Anticancer Agent EBC-23 from the Australian Rainforest. Journal of the American Chemical Society, 2008, 130, 15262-15263.	6.6	38
24	Isolation and Confirmation of the Proposed Cleistanthol Biogenic Link from <i>Croton insularis</i> . Organic Letters, 2011, 13, 1032-1035.	2.4	37
25	Ectomycorrhizas in Eucalyptus tetrodonta and E. miniata Forest Communities in Tropical Northern Australia and their Role in the Rehabilitation of these Forests Following Mining. Australian Journal of Botany, 1999, 47, 881.	0.3	35
26	Randomized controlled clinical study evaluating the efficacy and safety of intratumoral treatment of canine mast cell tumors with tigilanol tiglate (EBC-46). Journal of Veterinary Internal Medicine, 2021, 35, 415-429.	0.6	34
27	$\delta^{13}\text{C}$ values of selected termites (isoptera) and termite-modified materials. Soil Biology and Biochemistry, 1996, 28, 1585-1593.	4.2	33
28	Do single nodules of Casuarinaceae contain more than one Frankia strain?. Plant and Soil, 1985, 88, 275-279.	1.8	32
29	EBC-19: A New Diterpene Skeleton, Crotilsulidane, from the Australian Rainforest Containing a Bridgehead Double Bond. Angewandte Chemie - International Edition, 2014, 53, 7006-7009.	7.2	32
30	Dose Characterization of the Investigational Anticancer Drug Tigilanol Tiglate (EBC-46) in the Local Treatment of Canine Mast Cell Tumors. Frontiers in Veterinary Science, 2019, 6, 106.	0.9	28
31	Relationship between Mycorrhizal Infection and Diversity in Vegetation: Evidence from the Great Smoky Mountains. Functional Ecology, 1988, 2, 259.	1.7	27
32	Title is missing!. Plant and Soil, 1997, 189, 213-219.	1.8	26
33	Croton insularis introduces the seco-casbane class with EBC-329 and the first casbane endoperoxide EBC-324. Chemical Communications, 2014, 50, 12315-12317.	2.2	25
34	A comparison of two methods and different media for isolating Frankia from Casuarina root nodules. Plant and Soil, 1989, 120, 187-193.	1.8	24
35	Unprecedented 1,14-seco-Crotofolanes from <i>Croton insularis</i> : Oxidative Cleavage of Crotofolin C by a Putative Homo-Baeyer-Villiger Rearrangement. Chemistry - A European Journal, 2014, 20, 14226-14230.	1.7	23
36	Anti-Inflammatory Chemical Profiling of the Australian Rainforest Tree Alphitonia petriei (Rhamnaceae). Molecules, 2016, 21, 1521.	1.7	23

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37	EBC-316, 325, 327, and 345: New Pimarane Diterpenes from <i>Croton insularis</i> Found in the Australian Rainforest. <i>Australian Journal of Chemistry</i> , 2015, 68, 652.	0.5	20
38	Comparison of root and mycorrhizal characteristics in primary and secondary rainforest on a metamorphic soil in North Queensland, Australia. <i>Journal of Tropical Ecology</i> , 1996, 12, 871-885.	0.5	19
39	Functional association between apogeotropic aerial roots, mycorrhizas and paper-barked stems in a lowland tropical rainforest in North Queensland. <i>Journal of Tropical Ecology</i> , 1996, 12, 763-777.	0.5	18
40	The reciprocal EC50 value as a convenient measure of the potency of a compound in bioactivity-guided purification of natural products. <i>Frontiers in Chemistry</i> , 2020, 143, 104598.	1.1	18
41	Activation of PKC supports the anticancer activity of tigilanol tiglate and related epoxytiglanes. <i>Scientific Reports</i> , 2021, 11, 207.	1.6	18
42	Title is missing!. <i>New Forests</i> , 2000, 20, 193-211.	0.7	16
43	The occurrence of haemoglobin and hydrogenase in nodules of twelve <i>Casuarina-Frankia</i> symbiotic associations. <i>Physiologia Plantarum</i> , 1991, 82, 458-464.	2.6	15
44	Population genetic analysis of a medicinally significant Australian rainforest tree, <i>Fontainea picrosperma</i> C.T. White (Euphorbiaceae): biogeographic patterns and implications for species domestication and plantation establishment. <i>BMC Plant Biology</i> , 2016, 16, 57.	1.6	15
45	The First Casbane Hydroperoxides EBC-304 and EBC-320 from the Australian Rainforest. <i>Chemistry - A European Journal</i> , 2017, 23, 537-540.	1.7	15
46	New Casbanes and the First <i>trans</i> -Cyclopropane <i>seco</i> -Casbane from the Australian Rainforest Plant <i>Croton insularis</i> . <i>Chemistry - A European Journal</i> , 2019, 25, 1525-1534.	1.7	15
47	Host-Frankia specificity within the Casuarinaceae. <i>Plant and Soil</i> , 1986, 93, 293-298.	1.8	14
48	Novel epoxy-tiglanes stimulate skin keratinocyte wound healing responses and re-epithelialization via protein kinase C activation. <i>Biochemical Pharmacology</i> , 2020, 178, 114048.	2.0	14
49	The Relations of Haemoglobin and Lignin-like Compounds to Acetylene Reduction in Symbiotic <i>Casuarina</i> . <i>Journal of Experimental Botany</i> , 1991, 42, 1331-1337.	2.4	12
50	<i>seco</i> -Casbanes from the Australian Rainforest: ECD Predictions Key for Determining Remote Absolute Configuration. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1673-1677.	1.2	12
51	Anti-inflammatory activity of prenyl and geranyloxy furanocoumarins from <i>Citrus garrawayi</i> (Rutaceae). <i>Phytochemistry Letters</i> , 2018, 27, 197-202.	0.6	12
52	Short distance pollen dispersal and low genetic diversity in a subcanopy tropical rainforest tree, <i>Fontainea picrosperma</i> (Euphorbiaceae). <i>Heredity</i> , 2019, 123, 503-516.	1.2	12
53	Wound formation, wound size, and progression of wound healing after intratumoral treatment of mast cell tumors in dogs with tigilanol tiglate. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 430-441.	0.6	12
54	Recurrence-free interval 12 months after local treatment of mast cell tumors in dogs using intratumoral injection of tigilanol tiglate. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 451-455.	0.6	11

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55	Potent Antibacterial Prenylated Acetophenones from the Australian Endemic Plant <i>Acronychia crassipetala</i> . <i>Antibiotics</i> , 2020, 9, 487.	1.5	10
56	“Lessons from nature”: can ecology provide new leads in the search for novel bioactive chemicals from tropical rainforests?. Special Publication - Royal Society of Chemistry, 2007, , 205-212.	0.0	10
57	Incorporation of slow-release fertilisers into nursery media. <i>New Forests</i> , 1999, 18, 277-287.	0.7	9
58	EBC-318 and 339: bicyclo[10.2.1]alkanes from <i>Croton insularis</i> . <i>RSC Advances</i> , 2016, 6, 25110-25113.	1.7	9
59	Use of the Intratumoural Anticancer Drug Tigilanol Tiglate in Two Horses. <i>Frontiers in Veterinary Science</i> , 2020, 7, 639.	0.9	9
60	Nutritional constraints to growth of Australian red cedar (<i>Toona ciliata</i>) seedlings in five north Queensland soils. <i>Australian Forestry</i> , 1997, 60, 46-52.	0.3	8
61	Revision of the Phyllachoraceae (Ascomycota) on hosts in the angiosperm family, Proteaceae. <i>Australian Systematic Botany</i> , 2001, 14, 283.	0.3	8
62	Ectomycorrhizal fungal spores in the mounds of tropical Australian termites (isoptera). <i>European Journal of Soil Biology</i> , 2004, 40, 9-14.	1.4	8
63	Title is missing!. <i>Plant and Soil</i> , 1997, 189, 75-79.	1.8	7
64	[4+2] Cycloaddition Reactions Between 1,8-Disubstituted Cyclooctatetraenes and Diazo Dienophiles: Stereoelectronic Effects, Anticancer Properties and Application to the Synthesis of 7,8-Disubstituted Bicyclo[4.2.0]octa-2,4-dienes. <i>Chemistry - A European Journal</i> , 2010, 16, 8894-8903.	1.7	7
65	Monoxenic nodulation process of <i>Acacia mangium</i> (Mimosoideae, Phyllodineae) by <i>Bradyrhizobium</i> sp. <i>Symbiosis</i> , 2012, 56, 87-95.	1.2	7
66	Floral and reproductive biology of the medicinally significant rainforest tree, <i>Fontainea picrosperma</i> (Euphorbiaceae). <i>Industrial Crops and Products</i> , 2017, 108, 416-422.	2.5	7
67	Progressive cutaneous viral pigmented plaques in three Hungarian Vizslas and the response of lesions to topical tigilanol tiglate gel. <i>Veterinary Medicine and Science</i> , 2018, 4, 53-62.	0.6	7
68	Isolation of <i>Frankia</i> from root nodules of three species of <i>Casuarina</i> . <i>Soil Biology and Biochemistry</i> , 1995, 27, 427-429.	4.2	6
69	New Halimanes from the Australian Rainforest Plant <i>Croton Insularis</i> . <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1058-1060.	1.2	6
70	EBC-232 and 323: A Structural Conundrum Necessitating Unification of Five In Silico Prediction and Elucidation Methods. <i>Chemistry - A European Journal</i> , 2020, 26, 11862-11867.	1.7	6
71	Ternstroenols A – E: Undescribed pentacyclic triterpenoids from the Australian rainforest plant <i>Ternstroemia cherryi</i> . <i>Phytochemistry</i> , 2020, 176, 112426.	1.4	6
72	Effect of carbon source on growth, nitrogenase and uptake hydrogenase activities of <i>Frankia</i> isolates from <i>Casuarina</i> sp.. <i>Plant and Soil</i> , 1994, 158, 63-68.	1.8	5

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73	Antibacterial 5 β -Spirostane Saponins from the Fruit of <i>Cordyline manners-suttoniae</i> . Journal of Natural Products, 2019, 82, 2809-2817.	1.5	5
74	Diarylheptanoids with anti-inflammatory activity from the rhizomes of <i>Pleuranthodium racemigerum</i> (Zingiberaceae). Phytochemistry Letters, 2019, 30, 10-13.	0.6	5
75	Transcriptome analysis of the medicinally significant plant <i>Fontainea picrosperma</i> (Euphorbiaceae) reveals conserved biosynthetic pathways. <i>FÄ-toterapÄ-Äç</i> , 2020, 146, 104680.	1.1	5
76	The P450 multigene family of <i>Fontainea</i> and insights into diterpenoid synthesis. BMC Plant Biology, 2021, 21, 191.	1.6	4
77	Intratumoural Treatment of 18 Cytologically Diagnosed Canine High-Grade Mast Cell Tumours With Tigilanol Tiglate. <i>Frontiers in Veterinary Science</i> , 2021, 8, 675804.	0.9	4
78	Phase 1 dose-escalation study of EBC-46 given by intratumoral injection to patients with refractory cutaneous and subcutaneous tumors.. <i>Journal of Clinical Oncology</i> , 2015, 33, TPS2616-TPS2616.	0.8	4
79	Biologie et diversitÄ© gÄ©nÄ©tique des souches de <i>Frankia</i> associÄ©es aux <i>CasuarinacÄ©es</i> . <i>Acta Botanica Gallica</i> , 1996, 143, 567-580.	0.9	3
80	Tigilanol Tiglate-Mediated Margins: A Comparison With Surgical Margins in Successful Treatment of Canine Mast Cell Tumours. <i>Frontiers in Veterinary Science</i> , 2021, 8, 764800.	0.9	3
81	A member of the <i>Phyllachora shiraiana</i> complex (Ascomycota) on <i>Bambusa arnhemica</i> : a new record for Australia. <i>Australasian Plant Pathology</i> , 2000, 29, 205.	0.5	2
82	EBCÄ©42: A Novel Tetrahydrofuran Moiety Containing Casbane from the Australian Rainforest. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1042-1045.	1.2	2
83	Mulgravanols A and B, rare oxidized xanthenes and a new phloroglucinol isolated from the Australian rainforest plant <i>Waterhousea mulgraveana</i> (Myrtaceae). <i>FÄ-toterapÄ-Äç</i> , 2020, 143, 104595.	1.1	2
84	Floral attraction and flower visitors of a subcanopy, tropical rainforest tree, <i>Fontainea picrosperma</i> . <i>Ecology and Evolution</i> , 2021, 11, 10468-10482.	0.8	2
85	Acronyols A and B, new anti-inflammatory prenylated phloroglucinols from the fruits of <i>Acronychia crassipetala</i> . <i>Natural Product Research</i> , 2022, 36, 4358-4364.	1.0	2
86	Identification of Gene Biomarkers for Tigilanol Tiglate Content in <i>Fontainea picrosperma</i> . <i>Molecules</i> , 2022, 27, 3980.	1.7	2
87	A New Anti-inflammatory Phenolic Monosaccharide from the Australian Native Rainforest Plant <i>Elaeocarpus Eumundi</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.2	1