

Matthew Hamish Turnbull

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

6,467
citations

44042

48
h-index

76872

74
g-index

130
all docs

130
docs citations

130
times ranked

7596
citing authors

#	ARTICLE	IF	CITATIONS
1	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015, 206, 614-636.	3.5	350
2	^{13}C Natural Abundance in Plant Communities Along a Rainfall Gradient: a Biological Integrator of Water Availability. <i>Functional Plant Biology</i> , 1995, 22, 51.	1.1	317
3	The relative impacts of daytime and night-time warming on photosynthetic capacity in <i>Populus deltoides</i> . <i>Plant, Cell and Environment</i> , 2002, 25, 1729-1737.	2.8	231
4	Thermal limits of leaf metabolism across biomes. <i>Global Change Biology</i> , 2017, 23, 209-223.	4.2	213
5	Convergence in the temperature response of leaf respiration across biomes and plant functional types. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3832-3837.	3.3	198
6	Leaf day respiration: low CO_2 flux but high significance for metabolism and carbon balance. <i>New Phytologist</i> , 2017, 216, 986-1001.	3.5	159
7	Thermal acclimation of leaf respiration but not photosynthesis in <i>Populus deltoides</i> — <i>Populus nigra</i> . <i>New Phytologist</i> , 2008, 178, 123-134.	3.5	139
8	Increased pond depth improves algal productivity and nutrient removal in wastewater treatment high rate algal ponds. <i>Water Research</i> , 2014, 53, 271-281.	5.3	133
9	Enhancing microalgal photosynthesis and productivity in wastewater treatment high rate algal ponds for biofuel production. <i>Bioresource Technology</i> , 2015, 184, 222-229.	4.8	128
10	Plant growth in elevated CO_2 alters mitochondrial number and chloroplast fine structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2473-2478.	3.3	113
11	The impact of mycorrhizal colonization upon nitrogen source utilization and metabolism in seedlings of <i>Eucalyptus grandis</i> Hill ex Maiden and <i>Eucalyptus maculata</i> Hook. <i>Plant, Cell and Environment</i> , 1995, 18, 1386-1394.	2.8	107
12	Implications of improved representations of plant respiration in a changing climate. <i>Nature Communications</i> , 2017, 8, 1602.	5.8	100
13	Response of total night-time respiration to differences in total daily photosynthesis for leaves in a <i>Quercus rubra</i> L. canopy: implications for modelling canopy CO_2 exchange. <i>Global Change Biology</i> , 2004, 10, 925-938.	4.2	97
14	Bringing the Kok effect to light: A review on the integration of daytime respiration and net ecosystem exchange. <i>Ecosphere</i> , 2013, 4, 1-14.	1.0	90
15	The effect of light quantity and quality during development on the photosynthetic characteristics of six Australian rainforest tree species. <i>Oecologia</i> , 1991, 87, 110-117.	0.9	88
16	Seasonal variation in light utilisation, biomass production and nutrient removal by wastewater microalgae in a full-scale high-rate algal pond. <i>Journal of Applied Phycology</i> , 2014, 26, 1317-1329.	1.5	85
17	The effects of CO_2 addition along a pH gradient on wastewater microalgal photo-physiology, biomass production and nutrient removal. <i>Water Research</i> , 2015, 70, 9-26.	5.3	85
18	Canopy position affects the relationships between leaf respiration and associated traits in a tropical rainforest in Far North Queensland. <i>Tree Physiology</i> , 2014, 34, 564-584.	1.4	84

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19	The onset of photosynthetic acclimation to elevated CO ₂ partial pressure in field-grown <i>Pinus radiata</i> D. Don. after 4 years. <i>Plant, Cell and Environment</i> , 2000, 23, 1089-1098.	2.8	83
20	Sap flow rates and sapwood density are critical factors in within- and between-tree variation in CO ₂ efflux from stems of mature <i>Dacrydium cupressinum</i> trees. <i>New Phytologist</i> , 2005, 167, 815-828.	3.5	83
21	Photosynthetic acclimation to long-term exposure to elevated CO ₂ concentration in <i>Pinus radiata</i> D. Don. is related to age of needles. <i>Plant, Cell and Environment</i> , 1998, 21, 1019-1028.	2.8	81
22	Scaling foliar respiration in two contrasting forest canopies. <i>Functional Ecology</i> , 2003, 17, 101-114.	1.7	81
23	¹⁵ N natural abundance of vascular rainforest epiphytes: implications for nitrogen source and acquisition. <i>Plant, Cell and Environment</i> , 1995, 18, 85-90.	2.8	80
24	Root adaptation and nitrogen source acquisition in natural ecosystems. <i>Tree Physiology</i> , 1996, 16, 941-948.	1.4	78
25	Canopy position affects the temperature response of leaf respiration in <i>Populus deltoides</i> . <i>New Phytologist</i> , 2002, 154, 609-619.	3.5	76
26	Urea hydrolysis and lateral and vertical movement in the soil: effects of urease inhibitor and irrigation. <i>Biology and Fertility of Soils</i> , 2011, 47, 139-146.	2.3	74
27	Radiative transfer and carbon assimilation in relation to canopy architecture, foliage area distribution and clumping in a mature temperate rainforest canopy in New Zealand. <i>Agricultural and Forest Meteorology</i> , 2005, 135, 326-339.	1.9	73
28	Leaf respiration is differentially affected by leaf vs. stand-level night-time warming. <i>Global Change Biology</i> , 2002, 8, 479-485.	4.2	72
29	Age-related decline of stand biomass accumulation is primarily due to mortality and not to reduction in NPP associated with individual tree physiology, tree growth or stand structure in a <i>Quercus</i> -dominated forest. <i>Journal of Ecology</i> , 2012, 100, 428-440.	1.9	72
30	Variation in the degree of coupling between $\delta^{13}\text{C}$ of phloem sap and ecosystem respiration in two mature <i>Nothofagus</i> forests. <i>New Phytologist</i> , 2005, 166, 497-512.	3.5	68
31	The dynamics of photosynthetic acclimation to changes in light quantity and quality in three Australian rainforest tree species. <i>Oecologia</i> , 1993, 94, 218-228.	0.9	67
32	Nocturnal stomatal conductance and implications for modelling $\delta^{18}\text{O}$ of leaf-respired CO ₂ in temperate tree species. <i>Functional Plant Biology</i> , 2005, 32, 1107.	1.1	67
33	Seasonal variation in foliar carbon exchange in <i>Pinus radiata</i> and <i>Populus deltoides</i> : respiration acclimates fully to changes in temperature but photosynthesis does not. <i>Global Change Biology</i> , 2010, 16, 288-302.	4.2	66
34	The contribution of bryophytes to the carbon exchange for a temperate rainforest. <i>Global Change Biology</i> , 2003, 9, 1158-1170.	4.2	64
35	Urease inhibitor reduces N losses and improves plant-bioavailability of urea applied in fine particle and granular forms under field conditions. <i>Agriculture, Ecosystems and Environment</i> , 2011, 144, 41-50.	2.5	63
36	Urban environment of New York City promotes growth in northern red oak seedlings. <i>Tree Physiology</i> , 2012, 32, 389-400.	1.4	63

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37	Environmental drivers that influence microalgal species in fullscale wastewater treatment high rate algal ponds. <i>Water Research</i> , 2017, 124, 504-512.	5.3	62
38	Effects of two different nutrient loads on microalgal production, nutrient removal and photosynthetic efficiency in pilot-scale wastewater high rate algal ponds. <i>Water Research</i> , 2014, 66, 53-62.	5.3	59
39	Moa ghosts exorcised? New Zealand's divaricate shrubs avoid photoinhibition. <i>Functional Ecology</i> , 2002, 16, 232-240.	1.7	58
40	Host Genotype and Nitrogen Form Shape the Root Microbiome of <i>Pinus radiata</i> . <i>Microbial Ecology</i> , 2018, 75, 419-433.	1.4	58
41	Respiration characteristics in temperate rainforest tree species differ along a long-term soil-development chronosequence. <i>Oecologia</i> , 2005, 143, 271-279.	0.9	57
42	Plasticity in mesophyll volume fraction modulates light-acclimation in needle photosynthesis in two pines. <i>Tree Physiology</i> , 2007, 27, 1137-1151.	1.4	57
43	Leaf respiration and alternative oxidase in field-grown alpine grasses respond to natural changes in temperature and light. <i>New Phytologist</i> , 2011, 189, 1027-1039.	3.5	57
44	Photosynthesis and reflectance indices for rainforest species in ecosystems undergoing progression and retrogression along a soil fertility chronosequence in New Zealand. <i>Oecologia</i> , 2005, 144, 233-244.	0.9	56
45	Seasonal variation in the red/far-red ratio and photon flux density in an Australian sub-tropical rainforest. <i>Agricultural and Forest Meteorology</i> , 1993, 64, 111-127.	1.9	54
46	Water availability - a physiological constraint on nitrate utilization in plants of Australian semi-arid muiga woodlands. <i>Plant, Cell and Environment</i> , 1996, 19, 1149-1159.	2.8	53
47	Light inhibition of leaf respiration as soil fertility declines along a post-glacial chronosequence in New Zealand: an analysis using the Kok method. <i>Plant and Soil</i> , 2013, 367, 163-182.	1.8	53
48	Leaf dark respiration as a function of canopy position in <i>Nothofagus fusca</i> trees grown at ambient and elevated CO ₂ partial pressures for 5 years. <i>Functional Ecology</i> , 2001, 15, 497-505.	1.7	52
49	Photosynthetic characteristics in canopies of <i>Quercus rubra</i> , <i>Quercus prinus</i> and <i>Acer rubrum</i> differ in response to soil water availability. <i>Oecologia</i> , 2002, 130, 515-524.	0.9	51
50	Mast seeding, predator satiation, and temperature cues in <i>Chionochloa</i> (Poaceae). <i>Population Ecology</i> , 2008, 50, 343-355.	0.7	51
51	Soil heterotrophic respiration is insensitive to changes in soil water content but related to microbial access to organic matter. <i>Geoderma</i> , 2016, 274, 68-78.	2.3	51
52	Nocturnal warming increases photosynthesis at elevated CO ₂ partial pressure in <i>Populus deltoides</i> . <i>New Phytologist</i> , 2004, 161, 819-826.	3.5	49
53	Evidence That Glutamate Dehydrogenase Plays a Role in the Oxidative Deamination of Glutamate in Seedlings of <i>Zea mays</i> . <i>Functional Plant Biology</i> , 1995, 22, 805.	1.1	48
54	Seasonal performance of a full-scale wastewater treatment enhanced pond system. <i>Water Research</i> , 2018, 136, 150-159.	5.3	46

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55	Analysis of the growth of rimu (<i>Dacrydium cupressinum</i>) in South Westland, New Zealand, using process-based simulation models. <i>International Journal of Biometeorology</i> , 2002, 46, 66-75.	1.3	44
56	Thermal acclimation of respiration but not photosynthesis in <i>Pinus radiata</i> . <i>Functional Plant Biology</i> , 2008, 35, 448.	1.1	43
57	Nitrogen and phosphorus availabilities interact to modulate leaf trait scaling relationships across six plant functional types in a controlled environment study. <i>New Phytologist</i> , 2017, 215, 992-1008.	3.5	41
58	Tracking the origins of the Kok effect, 70 years after its discovery. <i>New Phytologist</i> , 2017, 214, 506-510.	3.5	40
59	Stomatal and non-stomatal limitations to photosynthesis in four tree species in a temperate rainforest dominated by <i>Dacrydium cupressinum</i> in New Zealand. <i>Tree Physiology</i> , 2005, 25, 447-456.	1.4	39
60	The carbon costs for host trees of a phloem-feeding herbivore. <i>Journal of Ecology</i> , 2007, 95, 603-613.	1.9	39
61	Light saturated R_u oxygenation by Rubisco is a robust predictor of light inhibition of respiration in <i>Triticum aestivum</i> L. <i>Plant Biology</i> , 2013, 15, 769-775.	1.8	39
62	Effects of leaf age and tree size on stomatal and mesophyll limitations to photosynthesis in mountain beech (<i>Nothofagus solandrii</i> var. <i>cliffortioides</i>). <i>Tree Physiology</i> , 2011, 31, 985-996.	1.4	37
63	The 15N Natural Abundance Patterns of Field-collected Fungi from Three Kinds of Ecosystems. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 974-979.	0.7	36
64	Effects of irrigation and addition of nitrogen fertiliser on net ecosystem carbon balance for a grassland. <i>Science of the Total Environment</i> , 2017, 579, 1715-1725.	3.9	35
65	Seasonality of foliar respiration in two dominant plant species from the Arctic tundra: response to long-term warming and short-term temperature variability. <i>Functional Plant Biology</i> , 2014, 41, 287.	1.1	34
66	Differential physiological responses to environmental change promote woody shrub expansion. <i>Ecology and Evolution</i> , 2013, 3, 1149-1162.	0.8	33
67	Soil phosphorous and endogenous rhythms exert a larger impact than CO ₂ or temperature on nocturnal stomatal conductance in <i>Eucalyptus tereticornis</i> . <i>Tree Physiology</i> , 2013, 33, 1206-1215.	1.4	33
68	Modifying the high rate algal pond light environment and its effects on light absorption and photosynthesis. <i>Water Research</i> , 2015, 70, 86-96.	5.3	33
69	Seasonal variation of leaf respiration and the alternative pathway in field-grown <i>Populus canadensis</i> . <i>Physiologia Plantarum</i> , 2011, 141, 332-342.	2.6	30
70	Applying urea with urease inhibitor (N-(n-butyl) thiophosphoric triamide) in fine particle application improves nitrogen uptake in ryegrass (<i>Lolium perenne</i> L.). <i>Soil Science and Plant Nutrition</i> , 2012, 58, 309-318.	0.8	30
71	Scaling leaf respiration with nitrogen and phosphorus in tropical forests across two continents. <i>New Phytologist</i> , 2017, 214, 1064-1077.	3.5	30
72	The impact of urease inhibitor on the bioavailability of nitrogen in urea and in comparison with other nitrogen sources in ryegrass (<i>Lolium perenne</i> L.). <i>Crop and Pasture Science</i> , 2010, 61, 214.	0.7	28

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73	Thermal acclimation of shoot respiration in an Arctic woody plant species subjected to 22 years of warming and altered nutrient supply. <i>Global Change Biology</i> , 2014, 20, 2618-2630.	4.2	28
74	Leaf and cell level carbon cycling responses to a nitrogen and phosphorus gradient in two Arctic tundra species. <i>American Journal of Botany</i> , 2012, 99, 1702-1714.	0.8	27
75	Nitrogen relations of natural and disturbed plant communities in tropical Australia. <i>Oecologia</i> , 1998, 117, 95-104.	0.9	26
76	Wastewater microalgal production, nutrient removal and physiological adaptation in response to changes in mixing frequency. <i>Water Research</i> , 2014, 61, 130-140.	5.3	26
77	Carbon assimilation, partitioning and export in mature cladophylls of two asparagus (<i>Asparagus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.6 25	2.6	25
78	Loss of labile carbon following soil disturbance determined by measurement of respired $^{13}\text{CO}_2$. <i>Soil Biology and Biochemistry</i> , 2014, 68, 125-132.	4.2	25
79	Leaf Respiration in Terrestrial Biosphere Models. <i>Advances in Photosynthesis and Respiration</i> , 2017, , 107-142.	1.0	25
80	Frequency of CO ₂ supply affects wastewater microalgal photosynthesis, productivity and nutrient removal efficiency in mesocosms: implications for full-scale high rate algal ponds. <i>Journal of Applied Phycology</i> , 2015, 27, 1901-1911.	1.5	24
81	Depletion of carbohydrate reserves limits nitrate uptake during early regrowth in <i>Lolium perenne</i> L.. <i>Journal of Experimental Botany</i> , 2017, 68, 1569-1583.	2.4	23
82	Energy investment in leaves of red maple and co-occurring oaks within a forested watershed. <i>Tree Physiology</i> , 2002, 22, 859-867.	1.4	21
83	The architecture of New Zealand's divaricate shrubs in relation to light adaptation. <i>New Zealand Journal of Botany</i> , 2006, 44, 171-186.	0.8	21
84	Factors controlling labile soil organic matter vulnerability to loss following disturbance as assessed by measurement of soil respired $^{13}\text{CO}_2$. <i>European Journal of Soil Science</i> , 2015, 66, 135-144.	1.8	21
85	Respiratory flexibility and efficiency are affected by simulated global change in Arctic plants. <i>New Phytologist</i> , 2013, 197, 1161-1172.	3.5	20
86	LIGHT-GROWN PLANTS OF THE CUCUMBER LONG HYPOCOTYL MUTANT EXHIBIT BOTH LONG-TERM AND RAPID ELONGATION GROWTH RESPONSES TO IRRADIATION WITH SUPPLEMENTARY FAR-RED LIGHT. <i>Photochemistry and Photobiology</i> , 1992, 56, 607-610.	1.3	19
87	Addition of nitrogen fertiliser increases net ecosystem carbon dioxide uptake and the loss of soil organic carbon in grassland growing in mesocosms. <i>Geoderma</i> , 2016, 266, 75-83.	2.3	19
88	Variations in dark respiration and mitochondrial numbers within needles of <i>Pinus radiata</i> grown in ambient or elevated CO ₂ partial pressure. <i>Tree Physiology</i> , 2004, 24, 347-353.	1.4	18
89	Respiratory alternative oxidase responds to both low- and high-temperature stress in <i>Quercus rubra</i> leaves along an urban-rural gradient in New York. <i>Functional Ecology</i> , 2011, 25, 1007-1017.	1.7	18
90	Flowering in snow tussock (<i>Chionochloa</i> spp.) is influenced by temperature and hormonal cues. <i>Functional Plant Biology</i> , 2012, 39, 38.	1.1	18

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91	Metabolic changes and associated cytokinin signals in response to nitrate assimilation in roots and shoots of <i>Lolium perenne</i> . <i>Physiologia Plantarum</i> , 2016, 156, 497-511.	2.6	17
92	Separating species and environmental determinants of leaf functional traits in temperate rainforest plants along a soil-development chronosequence. <i>Functional Plant Biology</i> , 2016, 43, 751.	1.1	17
93	Acclimation of leaf respiration temperature responses across thermally contrasting biomes. <i>New Phytologist</i> , 2021, 229, 1312-1325.	3.5	17
94	The effect of plant light environment on mycorrhizal colonisation in field-grown seedlings of podocarp angiosperm forest tree species. <i>New Zealand Journal of Botany</i> , 2002, 40, 65-72.	0.8	16
95	Sapwood temperature gradients between lower stems and the crown do not influence estimates of stand-level stem CO ₂ efflux. <i>Tree Physiology</i> , 2008, 28, 1553-1559.	1.4	15
96	Soil water availability influences the temperature response of photosynthesis and respiration in a grass and a woody shrub. <i>Functional Plant Biology</i> , 2014, 41, 468.	1.1	14
97	Light-acclimation of cladode photosynthetic potentials in <i>Casuarina glauca</i> : trade-offs between physiological and structural investments. <i>Functional Plant Biology</i> , 2005, 32, 571.	1.1	13
98	The impact of defoliation on nitrogen translocation patterns in the woody invasive plant, <i>Buddleia davidii</i> . <i>Functional Plant Biology</i> , 2008, 35, 462.	1.1	13
99	A field-compatible method for measuring alternative respiratory pathway activities <i>in vivo</i> using stable O ₂ isotopes. <i>Plant, Cell and Environment</i> , 2012, 35, 1518-1532.	2.8	13
100	Modulation of respiratory metabolism in response to nutrient changes along a soil chronosequence. <i>Plant, Cell and Environment</i> , 2013, 36, 1120-1134.	2.8	13
101	Coordinated nitrogen and carbon remobilization for nitrate assimilation in leaf, sheath and root and associated cytokinin signals during early regrowth of <i>Lolium perenne</i> . <i>Annals of Botany</i> , 2017, 119, 1353-1364.	1.4	13
102	Evaluating the Contribution of Glutamate Dehydrogenase and the Glutamate Synthase Cycle to Ammonia Assimilation by Four Ectomycorrhizal Fungal Isolates. <i>Functional Plant Biology</i> , 1996, 23, 151.	1.1	13
103	Diurnal and Seasonal Photosynthesis in Two <i>Asparagus</i> Cultivars with Contrasting Yield. <i>Crop Science</i> , 2002, 42, 399-405.	0.8	12
104	Correcting for nonlinearity effects of continuous flow isotope ratio mass spectrometry across a wide dynamic range. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 460-468.	0.7	12
105	Spatial and temporal scaling of intercellular CO ₂ concentration in a temperate rain forest dominated by <i>Dacrydium cupressinum</i> in New Zealand. <i>Plant, Cell and Environment</i> , 2006, 29, 497-510.	2.8	11
106	Measurement of the distribution of non-structural carbohydrate composition in onion populations by a high-throughput microplate enzymatic assay. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 2470-2477.	1.7	11
107	A RootNav analysis of morphological changes in <i>Brassica napus</i> L. roots in response to different nitrogen forms. <i>Plant Growth Regulation</i> , 2017, 83, 83-92.	1.8	11
108	Light inhibition of foliar respiration in response to soil water availability and seasonal changes in temperature in Mediterranean holm oak (<i>Quercus ilex</i>) forest. <i>Functional Plant Biology</i> , 2017, 44, 1178.	1.1	11

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109	Molecular control of masting: an introduction to an epigenetic summer memory. <i>Annals of Botany</i> , 2020, 125, 851-858.	1.4	11
110	Out of the light and into the dark: post-illumination respiratory metabolism. <i>New Phytologist</i> , 2012, 195, 4-7.	3.5	9
111	Reply to Adams et al.: Empirical versus process-based approaches to modeling temperature responses of leaf respiration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5996-E5997.	3.3	9
112	Field-scale variability in site conditions explain phenotypic plasticity in response to nitrogen source in <i>Pinus radiata</i> D. Don. <i>Plant and Soil</i> , 2019, 443, 353-368.	1.8	9
113	Molecular control of the floral transition in the mast seeding plant <i>Celmisia lyallii</i> (Asteraceae). <i>Molecular Ecology</i> , 2021, 30, 1846-1863.	2.0	9
114	The influence of nitrogen supply on growth and internal recycling of nitrogen in young <i>Nothofagus fusca</i> trees. <i>Functional Plant Biology</i> , 2001, 28, 249.	1.1	8
115	Separating host-tree and environmental determinants of honeydew production by <i>Ultracoelostoma</i> scale insects in a <i>Nothofagus</i> forest. <i>Ecological Entomology</i> , 2007, 32, 338-348.	1.1	8
116	Carbon partitioning and sucrose metabolism in two field-grown asparagus (<i>Asparagus officinalis</i>) cultivars with contrasting yield. <i>Functional Plant Biology</i> , 2002, 29, 517.	1.1	7
117	Response of photosynthesis and respiration to temperature under water deficit in two evergreen <i>Nothofagus</i> species. <i>Plant Species Biology</i> , 2015, 30, 163-175.	0.6	6
118	Genotypic variation in <i>Pinus radiata</i> responses to nitrogen source are related to changes in the root microbiome. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	6
119	Estimated light compensation depth explains growth of <i>Stuckenia pectinata</i> in Te Waihora. <i>Aquatic Botany</i> , 2019, 156, 57-64.	0.8	5
120	Carbon metabolism in developing spears of two asparagus (<i>Asparagus officinalis</i>) cultivars with contrasting yield. <i>Functional Plant Biology</i> , 2001, 28, 1013.	1.1	5
121	Insights into the functional relationship between cytokinin-induced root system phenotypes and nitrate uptake in <i>Brassica napus</i> . <i>Functional Plant Biology</i> , 2017, 44, 832.	1.1	4
122	Diurnal and Seasonal Photosynthesis in Two Asparagus Cultivars with Contrasting Yield. <i>Crop Science</i> , 2002, 42, 399.	0.8	4
123	Effects of nitrogen supply on phenology and carbon assimilation in young <i>Nothofagus fusca</i> . <i>New Zealand Journal of Botany</i> , 2001, 39, 617-630.	0.8	3
124	Phytomass index improves estimates of net ecosystem carbon dioxide exchange in intensively grazed grassland. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 298-307.	2.5	2
125	A novel <i>TFL1</i> gene induces flowering in the mast seeding alpine snow tussock, <i>Chionochloa pallens</i> (Poaceae). <i>Molecular Ecology</i> , 2022, 31, 822-838.	2.0	2
126	Ecological Factors Preventing Restoration of Degraded Short Tussock Landscapes in New Zealand's Dryland Zone. <i>Open Agriculture</i> , 2017, 2, 442-452.	0.7	1

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127	Salinity restricts light conversion efficiency during photo-acclimation to high irradiance in <i>Stuckenia pectinata</i> . <i>Environmental and Experimental Botany</i> , 2019, 165, 83-91.	2.0	1
128	Addition of sorptive mineral phases to soils decreases short-term organic matter decomposition by reducing microbial access to substrates. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	1