

Andrew J Tanentzap

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,639
citations

218677

26
h-index

214800

47
g-index

77
all docs

77
docs citations

77
times ranked

4961
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictions of biodiversity are improved by integrating trait-based competition with abiotic filtering. <i>Ecology Letters</i> , 2022, 25, 1277-1289.	6.4	11
2	MASTREE+: Time-series of plant reproductive effort from six continents. <i>Global Change Biology</i> , 2022, 28, 3066-3082.	9.5	19
3	Ecological networks of dissolved organic matter and microorganisms under global change. <i>Nature Communications</i> , 2022, 13, .	12.8	66
4	Microbial and Environmental Processes Shape the Link between Organic Matter Functional Traits and Composition. <i>Environmental Science & Technology</i> , 2022, 56, 10504-10516.	10.0	27
5	Seed predation selects for reproductive variability and synchrony in perennial plants. <i>New Phytologist</i> , 2021, 229, 2357-2364.	7.3	27
6	Polyploidy on Islands: Its Emergence and Importance for Diversification. <i>Frontiers in Plant Science</i> , 2021, 12, 637214.	3.6	19
7	Climate warming causes mast seeding to break down by reducing sensitivity to weather cues. <i>Global Change Biology</i> , 2021, 27, 1952-1961.	9.5	29
8	Aged soils contribute little to contemporary carbon cycling downstream of thawing permafrost peatlands. <i>Global Change Biology</i> , 2021, 27, 5368-5382.	9.5	9
9	Integrating demography and distribution modeling for the iconic <i>Leontopodium alpinum</i> Colm. in the Romanian Carpathians. <i>Ecology and Evolution</i> , 2021, 11, 12322-12334.	1.9	0
10	Global topographic uplift has elevated speciation in mammals and birds over the last 3 million years. <i>Nature Ecology and Evolution</i> , 2021, 5, 1530-1535.	7.8	19
11	Microplastics and anthropogenic fibre concentrations in lakes reflect surrounding land use. <i>PLoS Biology</i> , 2021, 19, e3001389.	5.6	30
12	Macroevolutionary consequences of mast seeding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200372.	4.0	11
13	Forest defoliator outbreaks alter nutrient cycling in northern waters. <i>Nature Communications</i> , 2021, 12, 6355.	12.8	8
14	Opposing Effects of Climate and Permafrost Thaw on CH ₄ and CO ₂ Emissions From Northern Lakes. <i>AGU Advances</i> , 2021, 2, e2021AV000515.	5.4	13
15	Does Evolutionary History Correlate with Contemporary Extinction Risk by Influencing Range Size Dynamics?. <i>American Naturalist</i> , 2020, 195, 569-576.	2.1	14
16	From theory to experiments for testing the proximate mechanisms of mast seeding: an agenda for an experimental ecology. <i>Ecology Letters</i> , 2020, 23, 210-220.	6.4	64
17	Climate Change Strengthens Selection for Mast Seeding in European Beech. <i>Current Biology</i> , 2020, 30, 3477-3483.e2.	3.9	31
18	Assessing the Potential for Mobilization of Old Soil Carbon After Permafrost Thaw: A Synthesis of ¹⁴ C Measurements From the Northern Permafrost Region. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006672.	4.9	36

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19	Lake characteristics influence how methanogens in littoral sediments respond to terrestrial litter inputs. <i>ISME Journal</i> , 2020, 14, 2153-2163.	9.8	8
20	Think global, act local: The small-scale environment mainly influences microbial community development and function in lake sediment. <i>Limnology and Oceanography</i> , 2020, 65, S88.	3.1	17
21	Angiosperm speciation cools down in the tropics. <i>Ecology Letters</i> , 2020, 23, 692-700.	6.4	78
22	Climate warming restructures an aquatic food web over 28 years. <i>Global Change Biology</i> , 2020, 26, 6852-6866.	9.5	31
23	Microbiome functioning depends on individual and interactive effects of the environment and community structure. <i>ISME Journal</i> , 2019, 13, 1-11.	9.8	50
24	Multiple macroevolutionary routes to becoming a biodiversity hotspot. <i>Science Advances</i> , 2019, 5, eaau8067.	10.3	17
25	Chemical and microbial diversity covary in fresh water to influence ecosystem functioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24689-24695.	7.1	98
26	Fine Root Traits Are Correlated with Flooding Duration while Aboveground Traits Are Related to Grazing in an Ephemeral Wetland. <i>Wetlands</i> , 2019, 39, 291-302.	1.5	19
27	Climate-driven shifts in sediment chemistry enhance methane production in northern lakes. <i>Nature Communications</i> , 2018, 9, 1801.	12.8	39
28	Mussels can both outweigh and interact with the effects of terrestrial to freshwater resource subsidies on littoral benthic communities. <i>Science of the Total Environment</i> , 2018, 622-623, 49-56.	8.0	5
29	Plant Litter Type Dictates Microbial Communities Responsible for Greenhouse Gas Production in Amended Lake Sediments. <i>Frontiers in Microbiology</i> , 2018, 9, 2662.	3.5	14
30	Wind and trophic status explain within and among-lake variability of algal biomass. <i>Limnology and Oceanography Letters</i> , 2018, 3, 409-418.	3.9	24
31	Unintentional rewilding: lessons for trophic rewilding from other forms of species introductions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170445.	4.0	9
32	Seasonal shifts in export of DOC and nutrients from burned and unburned peatland-rich catchments, Northwest Territories, Canada. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4455-4472.	4.9	40
33	Making the most of a rainy day: environmental constraints can synchronize mass seeding across populations. <i>New Phytologist</i> , 2018, 219, 6-8.	7.3	12
34	Feasting on terrestrial organic matter: Dining in a dark lake changes microbial decomposition. <i>Global Change Biology</i> , 2018, 24, 5110-5122.	9.5	24
35	Better practices for reporting on conservation. <i>Conservation Letters</i> , 2017, 10, 146-152.	5.7	1
36	Evolutionary priority effects persist in anthropogenically created habitats, but not through nonnative plant invasion. <i>New Phytologist</i> , 2017, 215, 865-876.	7.3	8

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37	Terrestrial support of lake food webs: Synthesis reveals controls over cross-ecosystem resource use. <i>Science Advances</i> , 2017, 3, e1601765.	10.3	92
38	Fencing in nature? Predator exclusion restores habitat for native fauna and leads biodiversity to spill over into the wider landscape. <i>Biological Conservation</i> , 2017, 214, 119-126.	4.1	30
39	Evolutionary conservatism explains increasing relatedness of plant communities along a flooding gradient. <i>New Phytologist</i> , 2017, 213, 634-644.	7.3	20
40	The costs of saving nature: Does it make "cents"? <i>PLoS Biology</i> , 2017, 15, e2003292.	5.6	2
41	Seed size and its rate of evolution correlate with species diversification across angiosperms. <i>PLoS Biology</i> , 2017, 15, e2002792.	5.6	58
42	Resource limitation underlying multiple masting models makes mast seeding sensitive to future climate change. <i>New Phytologist</i> , 2016, 210, 419-430.	7.3	58
43	Precipitation alters the strength of evolutionary priority effects in forest community assembly of pteridophytes and angiosperms. <i>Journal of Ecology</i> , 2016, 104, 1673-1681.	4.0	11
44	When do plant radiations influence community assembly? The importance of historical contingency in the race for niche space. <i>New Phytologist</i> , 2015, 207, 468-479.	7.3	58
45	Accessing habitats first helps less when your competitors themselves have help. <i>Applied Vegetation Science</i> , 2015, 18, 179-180.	1.9	0
46	Evolutionary priority effects in New Zealand alpine plants across environmental gradients. <i>Journal of Biogeography</i> , 2015, 42, 729-737.	3.0	22
47	The jellification of north temperate lakes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142449.	2.6	65
48	Resolving Conflicts between Agriculture and the Natural Environment. <i>PLoS Biology</i> , 2015, 13, e1002242.	5.6	102
49	Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014, 102, 256-267.	4.0	212
50	Forests fuel fish growth in freshwater deltas. <i>Nature Communications</i> , 2014, 5, 4077.	12.8	98
51	Estimating the impacts of browsers on forest understories using a modified index of community composition. <i>Forest Ecology and Management</i> , 2014, 313, 10-16.	3.2	14
52	Identifying pathways for managing multiple disturbances to limit plant invasions. <i>Journal of Applied Ecology</i> , 2014, 51, 1015-1023.	4.0	23
53	Niches drive peaked and positive relationships between diversity and disturbance in natural ecosystems. <i>Ecosphere</i> , 2013, 4, 1-28.	2.2	20
54	Increased nitrogen cycling facilitates native forest regeneration: Potential for restoring extinct ecological processes?. <i>Ecological Applications</i> , 2013, 23, 36-45.	3.8	12

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55	Getting the biggest bang for the buck: restoring and expanding upland birchwoods in the Scottish Highlands by managing red deer. <i>Ecology and Evolution</i> , 2013, 3, 1890-1901.	1.9	12
56	Plant radiation history affects community assembly: evidence from the New Zealand alpine. <i>Biology Letters</i> , 2012, 8, 558-561.	2.3	26
57	Soil nutrient supply modulates temperature-induced cues in mast-seeding grasses. <i>Ecology</i> , 2012, 93, 462-469.	3.2	38
58	Double-crested Cormorants Alter Forest Structure and Increase Damage Indices of Individual Trees on Island Habitats in Lake Erie. <i>Waterbirds</i> , 2012, 35, 13-22.	0.3	5
59	Impacts of culling and exclusion of browsers on vegetation recovery across New Zealand forests. <i>Biological Conservation</i> , 2012, 153, 64-71.	4.1	46
60	Slow responses of ecosystems to reductions in deer (Cervidae) populations and strategies for achieving recovery. <i>Forest Ecology and Management</i> , 2012, 264, 159-166.	3.2	99
61	Carbon storage in terrestrial ecosystems: do browsing and grazing herbivores matter?. <i>Biological Reviews</i> , 2012, 87, 72-94.	10.4	152
62	The more stems the merrier: advantages of multi-stemmed architecture for the demography of understorey trees in a temperate broadleaf woodland. <i>Journal of Ecology</i> , 2012, 100, 171-183.	4.0	32
63	Seeing the forest for the deer: Do reductions in deer-disturbance lead to forest recovery?. <i>Biological Conservation</i> , 2011, 144, 376-382.	4.1	93
64	Influence of foliar traits on forage selection by introduced red deer in New Zealand. <i>Basic and Applied Ecology</i> , 2011, 12, 56-63.	2.7	15
65	Differential responses of vertebrate and invertebrate herbivores to traits of New Zealand subalpine shrubs. <i>Ecology</i> , 2011, 92, 994-999.	3.2	24
66	Diversity-invasibility relationships across multiple scales in disturbed forest understoreys. <i>Biological Invasions</i> , 2010, 12, 2105-2116.	2.4	22
67	Spatio-temporal feeding selection of red deer in a mountainous landscape. <i>Austral Ecology</i> , 2010, 35, 752-764.	1.5	9
68	<i>Trillium grandiflorum</i> height is an indicator of white-tailed deer density at local and regional scales. <i>Forest Ecology and Management</i> , 2010, 259, 1472-1479.	3.2	25
69	Landscape-level vegetation recovery from herbivory: progress after four decades of invasive red deer control. <i>Journal of Applied Ecology</i> , 2009, 46, 1064-1072.	4.0	120
70	Propagule pressure and resource availability determine plant community invasibility in a temperate forest understorey. <i>Oikos</i> , 2009, 118, 300-308.	2.7	26
71	The reliability of palatability estimates obtained from rumen contents analysis and a field-based index of diet selection. <i>Journal of Zoology</i> , 2009, 278, 243-248.	1.7	13
72	On Sudbury-Area Wind Speeds—A Tale of Forest Regeneration. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 1645-1654.	1.5	11

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73	Calibrating the Dynamic Reservoir Simulation Model (DYRESM) and filling required data gaps for one-dimensional thermal profile predictions in a boreal lake. <i>Limnology and Oceanography: Methods</i> , 2007, 5, 484-494.	2.0	43