Jason M Tylianakis

List of Publications by Year
in descending order

113	15,726	31976	22832
papers	citations	53 h-index	112 g-index

127	127	127	16690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global change and species interactions in terrestrial ecosystems. Ecology Letters, 2008, 11, 1351-1363.	6.4	1,880
2	Landscape moderation of biodiversity patterns and processes â€•eight hypotheses. Biological Reviews, 2012, 87, 661-685.	10.4	1,443
3	Habitat modification alters the structure of tropical hostâ€“parasitoid food webs. Nature, 2007, 445, 202-205.	27.8	775
4	Interactive effects of habitat modification and species invasion on native species decline. Trends in Ecology and Evolution, 2007, 22, 489-496.	8.7	692
5	Conservation of species interaction networks. Biological Conservation, 2010, 143, 2270-2279.	4.1	689
6	Are invasive species the drivers of ecological change?. Trends in Ecology and Evolution, 2005, 20, 470-474.	8.7	648
7	Functional group diversity of bee pollinators increases crop yield. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2283-2291.	2.6	534
8	Conservation biological control and enemy diversity on a landscape scale. Biological Control, 2007, 43, 294-309.	3.0	531
9	Food webs: reconciling the structure and function of biodiversity. Trends in Ecology and Evolution, 2012, 27, 689-697.	8.7	521
10	Spillover edge effects: the dispersal of agriculturally subsidized insect natural enemies into adjacent natural habitats. Ecology Letters, 2006, 9, 603-614.	6.4	518
11	Ecological Networks Across Environmental Gradients. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 25-48.	8.3	339
12	LANDSCAPE CONSTRAINTS ON FUNCTIONAL DIVERSITY OF BIRDS AND INSECTS IN TROPICAL AGROECOSYSTEMS. Ecology, 2008, 89, 944-951.	3.2	310
13	Biodiversity, Species Interactions and Ecological Networks in a Fragmented World. Advances in Ecological Research, 2012, 46, 89-210.	2.7	284
14	The dimensionality of ecological networks. Ecology Letters, 2013, 16, 577-583.	6.4	246
15	IMPROVED FITNESS OF APHID PARASITOIDS RECEIVING RESOURCE SUBSIDIES. Ecology, 2004, 85, 658-666.	3.2	244
16	Specialization and Rarity Predict Nonrandom Loss of Interactions from Mutualist Networks. Science, 2012, 335, 1486-1489.	12.6	237
17	SPATIOTEMPORAL VARIATION IN THE DIVERSITY OF HYMENOPTERA ACROSS A TROPICAL HABITAT GRADIENT. Ecology, 2005, 86, 3296-3302.	3.2	230
18	Resource Heterogeneity Moderates the Biodiversity-Function Relationship in Real World Ecosystems. PLoS Biology, 2008, 6, e122.	5.6	210

#	Article	IF	Citations
19	The database of the <scp>PREDICTS</scp> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	186
20	The <scp>PREDICTS</scp> database: a global database of how local terrestrial biodiversity responds to human impacts. Ecology and Evolution, 2014, 4, 4701-4735.	1.9	178
21	International scientists formulate a roadmap for insect conservation and recovery. Nature Ecology and Evolution, 2020, 4, 174-176.	7.8	176
22	Host identity is a dominant driver of mycorrhizal fungal community composition during ecosystem development. New Phytologist, 2015, 205, 1565-1576.	7.3	173
23	Extinction filters mediate the global effects of habitat fragmentation on animals. Science, 2019, 366, 1236-1239.	12.6	164
24	A common framework for identifying linkage rules across different types of interactions. Functional Ecology, 2016, 30, 1894-1903.	3.6	161
25	Field boundaries as barriers to movement of hover flies (Diptera: Syrphidae) in cultivated land. Oecologia, 2003, 134, 605-611.	2.0	152
26	Mycorrhizas and mycorrhizal fungal communities throughout ecosystem development. Plant and Soil, 2013, 367, 11-39.	3.7	152
27	Warming, CO₂, and nitrogen deposition interactively affect a plantâ€pollinator mutualism. Ecology Letters, 2012, 15, 227-234.	6.4	143
28	DIVERSITY, ECOSYSTEM FUNCTION, AND STABILITY OF PARASITOIDâ€“HOST INTERACTIONS ACROSS A TROPICAL HABITAT GRADIENT. Ecology, 2006, 87, 3047-3057.	3.2	139
29	The winners and losers of land use intensification: pollinator community disassembly is nonâ€random and alters functional diversity. Diversity and Distributions, 2014, 20, 908-917.	4.1	138
30	CAVEATS TO QUANTIFYING ECOSYSTEM SERVICES: FRUIT ABORTION BLURS BENEFITS FROM CROP POLLINATION. Ecological Applications, 2007, 17, 1841-1849.	3.8	126
31	Forest Biodiversity and the Delivery of Ecosystem Goods and Services: Translating Science into Policy. BioScience, 2011, 61, 972-981.	4.9	126
32	Cascading effects of longâ€term landâ€use changes on plant traits and ecosystem functioning. Ecology, 2012, 93, 145-155.	3.2	119
33	Linking species functional roles to their network roles. Ecology Letters, 2016, 19, 762-770.	6.4	119
34	Natural enemy diversity and biological control: Making sense of the context-dependency. Basic and Applied Ecology, 2010, 11, 657-668.	2.7	115
35	Climate Change Disproportionately Increases Herbivore over Plant or Parasitoid Biomass. PLoS ONE, 2012, 7, e40557.	2.5	114
36	Deforestation homogenizes tropical parasitoidâ€“host networks. Ecology, 2010, 91, 1740-1747.	3.2	113

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37	Elevated Temperature and Drought Interact to Reduce Parasitoid Effectiveness in Suppressing Hosts. PLoS ONE, 2013, 8, e58136.	2.5	99
38	Intensified agriculture favors evolved resistance to biological control. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3885-3890.	7.1	95
39	Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. Scientific Reports, 2016, 6, 31153.	3.3	92
40	Spatial scale of observation affects alpha, beta and gamma diversity of cavity-nesting bees and wasps across a tropical land-use gradient. Journal of Biogeography, 2006, 33, 1295-1304.	3.0	90
41	The effects of floral understoreys on parasitism of leafrollers (Lepidoptera: Tortricidae) on apples in New Zealand. Agricultural and Forest Entomology, 2006, 8, 25-34.	1.3	88
42	The population consequences of natural enemy enhancement, and implications for conservation biological control. Ecology Letters, 2008, 6, 604-612.	6.4	86
43	The Global Plight of Pollinators. Science, 2013, 339, 1532-1533.	12.6	86
44	Bringing Elton and Grinnell together: a quantitative framework to represent the biogeography of ecological interaction networks. Ecography, 2019, 42, 401-415.	4.5	85
45	Complementarity and redundancy of interactions enhance attack rates and spatial stability in hostâ€“parasitoid food webs. Ecology, 2014, 95, 1888-1896.	3.2	79
46	Effects of Introducing Threatened Falcons into Vineyards on Abundance of Passeriformes and Bird Damage to Grapes. Conservation Biology, 2012, 26, 142-149.	4.7	69
47	Climatic and local stressor interactions threaten tropical forests and coral reefs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190116.	4.0	69
48	The invasive Yellow Crazy Ant and the decline of forest ant diversity in Indonesian cacao agroforests. Biological Invasions, 2008, 10, 1399-1409.	2.4	67
49	Effects of global environmental changes on parasitoidâ€“host food webs and biological control. Biological Control, 2014, 75, 77-86.	3.0	67
50	Reprint of â€œConservation biological control and enemy diversity on a landscape scaleâ€•[Biol. Control 43 (2007) 294â€“309]. Biological Control, 2008, 45, 238-253.	3.0	64
51	Plantâ€mediated and nonadditive effects of two global change drivers on an insect herbivore community. Ecology, 2012, 93, 1892-1901.	3.2	64
52	Exotic birds increase generalization and compensate for native bird decline in plantâ€“frugivore assemblages. Journal of Animal Ecology, 2014, 83, 1441-1450.	2.8	64
53	Biotic interactions drive ecosystem responses to exotic plant invaders. Science, 2020, 368, 967-972.	12.6	59
54	Biocultural Hysteresis Inhibits Adaptation to Environmental Change. Trends in Ecology and Evolution, 2019, 34, 771-780.	8.7	58

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55	Trait matching and phenological overlap increase the spatioâ€temporal stability and functionality of plantâ€“pollinator interactions. Ecology Letters, 2020, 23, 1107-1116.	6.4	58
56	Apparent competition drives community-wide parasitism rates and changes in host abundance across ecosystem boundaries. Nature Communications, 2016, 7, 12644.	12.8	56
57	Persist or Produce: A Community Trade-Off Tuned by Species Evenness. American Naturalist, 2016, 188, 411-422.	2.1	54
58	Communityâ€level net spillover of natural enemies from managed to natural forest. Ecology, 2015, 96, 193-202.	3.2	53
59	Genetic analyses reveal hybridization but no hybrid swarm in one of the worldâ€™s rarest birds. Molecular Ecology, 2010, 19, 5090-5100.	3.9	52
60	Understanding the Web of Life: The Birds, the Bees, and Sex with Aliens. PLoS Biology, 2008, 6, e47.	5.6	51
61	Species roles in plantâ€“pollinator communities are conserved across native and alien ranges. Diversity and Distributions, 2016, 22, 841-852.	4.1	46
62	Community shifts under climate change: Mechanisms at multiple scales. American Journal of Botany, 2013, 100, 1422-1434.	1.7	42
63	Effects of Soil Warming and Nitrogen Addition on Soil Respiration in a New Zealand Tussock Grassland. PLoS ONE, 2014, 9, e91204.	2.5	42
64	If and when successful classical biological control fails. Biological Control, 2014, 72, 76-79.	3.0	42
65	Building biocultural approaches into Aotearoa â€“ New Zealandâ€™s conservation future. Journal of the Royal Society of New Zealand, 2019, 49, 394-411.	1.9	40
66	Agricultural Intensification Exacerbates Spillover Effects on Soil Biogeochemistry in Adjacent Forest Remnants. PLoS ONE, 2015, 10, e0116474.	2.5	40
67	Conservation needs to integrate knowledge across scales. Nature Ecology and Evolution, 2022, 6, 118-119.	7.8	40
68	Effective climate change adaptation means supporting community autonomy. Nature Climate Change, 2022, 12, 213-215.	18.8	39
69	Reshaping our understanding of speciesâ€™ roles in landscapeâ€scale networks. Ecology Letters, 2019, 22, 1367-1377.	6.4	37
70	Warming and nitrogen affect size structuring and density dependence in a hostâ€“parasitoid food web. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 3033-3041.	4.0	36
71	Organic farming promotes biotic resistance to foodborne human pathogens. Journal of Applied Ecology, 2019, 56, 1117-1127.	4.0	34
72	Distance to range edge determines sensitivity to deforestation. Nature Ecology and Evolution, 2019, 3, 886-891.	7.8	33

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73	Predicting the effect of habitat modification on networks of interacting species. Nature Communications, 2017, 8, 792.	12.8	31
74	<scp>BIOFRAG</scp> â€“ a new database for analyzing <scp>BIO</scp>diversity responses to forest <scp>FRAG</scp>mentation. Ecology and Evolution, 2014, 4, 1524-1537.	1.9	29
75	Natural enemy diversity reduces temporal variability in wasp but not bee parasitism. Oecologia, 2010, 162, 755-762.	2.0	26
76	Predation risk influences foodâ€web structure by constraining species diet choice. Ecology Letters, 2019, 22, 1734-1745.	6.4	26
77	Tipping points in ecological networks. Trends in Plant Science, 2014, 19, 281-283.	8.8	25
78	Microbes in the Anthropocene: spillover of agriculturally selected bacteria and their impact on natural ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160896.	2.6	25
79	Complementary Effects of Species Abundances and Ecological Neighborhood on the Occurrence of Fruit-Frugivore Interactions. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	24
80	Remotely sensed landscape heterogeneity as a rapid tool for assessing local biodiversity value in a highly modified New Zealand landscape. Biodiversity and Conservation, 2005, 14, 1469-1485.	2.6	23
81	Genotype matching in a parasitoidâ€“host genotypic food web: an approach for measuring effects of environmental change. Molecular Ecology, 2013, 22, 229-238.	3.9	23
82	Above and belowground community strategies respond to different global change drivers. Scientific Reports, 2019, 9, 2540.	3.3	23
83	Abandonement of coffee agroforests increases insect abundance and diversity. Agroforestry Systems, 2007, 69, 175-182.	2.0	22
84	Phylogenetic diversity and coâ€evolutionary signals among trophic levels change across a habitat edge. Journal of Animal Ecology, 2015, 84, 364-372.	2.8	22
85	Warming Up Food Webs. Science, 2009, 323, 1300-1301.	12.6	21
86	Strength of niche processes for species interactions is lower for generalists and exotic species. Journal of Animal Ecology, 2020, 89, 2145-2155.	2.8	21
87	A long-term experimental test of the dynamic equilibrium model of species diversity. Oecologia, 2013, 171, 439-448.	2.0	20
88	Indigenous peoples: Conservation paradox. Science, 2017, 357, 142-143.	12.6	20
89	Symmetric assembly and disassembly processes in an ecological network. Ecology Letters, 2018, 21, 896-904.	6.4	19
90	Engaging Indigenous Peoples and Local Communities in Environmental Management Could Alleviate Scale Mismatches in Socialâ€“Ecological Systems. BioScience, 2020, 70, 699-707.	4.9	19

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91	Nonâ€random foodâ€web assembly at habitat edges increases connectivity and functional redundancy. Ecology, 2017, 98, 995-1005.	3.2	15
92	Asymmetry in reproduction strategies drives evolution of resistance in biological control systems. PLoS ONE, 2018, 13, e0207610.	2.5	14
93	Tricky partners: native plants show stronger interaction preferences than their exotic counterparts. Ecology, 2021, 102, e03239.	3.2	14
94	Pollination Decline in Contextâ€"Response. Science, 2013, 340, 924-925.	12.6	13
95	Early succession arthropod community changes on experimental passion fruit plant patches along a land-use gradient in Ecuador. Agriculture, Ecosystems and Environment, 2011, 140, 14-19.	5.3	12
96	Communityâ€level direct and indirect impacts of an invasive plant favour exotic over native species. Journal of Ecology, 2020, 108, 2499-2510.	4.0	12
97	Comparison of Two Sampling Methods for Quantifying Changes in Vegetation Composition Under Rangeland Development. Rangeland Ecology and Management, 2010, 63, 537-545.	2.3	11
98	â€˜Ecosystomicsâ€™: ecology by sequencer. Trends in Ecology and Evolution, 2012, 27, 309-310.	8.7	11
99	A network perspective for sustainable agroecosystems. Trends in Plant Science, 2022, 27, 769-780.	8.8	11
100	Translocation of Threatened New Zealand Falcons to Vineyards Increases Nest Attendance, Brooding and Feeding Rates. PLoS ONE, 2012, 7, e38679.	2.5	10
101	Asymmetric interactions of seedâ€predation network contribute to rareâ€species advantage. Ecology, 2020, 101, e03050.	3.2	9
102	Exotic plants accumulate and share herbivores yet dominate communities via rapid growth. Nature Communications, 2021, 12, 2696.	12.8	9
103	Behaviour moderates the impacts of foodâ€web structure on species coexistence. Ecology Letters, 2021, 24, 298-309.	6.4	7
104	Consistent tradeâ€offs in ecosystem services between land covers with different production intensities. Biological Reviews, 2021, 96, 1989-2008.	10.4	6
105	Potential for cascading impacts of environmental change and policy on indigenous culture. Ambio, 2022, 51, 1110-1122.	5.5	6
106	The recovery of functional diversity with restoration. Ecology, 2022, 103, e3618.	3.2	6
107	Socialâ€"ecological connections across land, water, and sea demand a reprioritization of environmental management. Elementa, 2022, 10, .	3.2	6
108	Predicting direct and indirect non-target impacts of biocontrol agents using machine-learning approaches. PLoS ONE, 2021, 16, e0252448.	2.5	4

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109	Conservation, biodiversity, and integrated pest management. , 0, , 223-245.		3
110	Effects of customary egg harvest regimes on hatching success of a culturally important waterfowl species. People and Nature, 2021, 3, 499-512.	3.7	3
111	Community dynamics can modify the direction of simulated warming effects on crop yield. PLoS ONE, 2018, 13, e0207796.	2.5	1
112	The patchwork of evolutionary landscapes. Nature Ecology and Evolution, 2020, 4, 672-673.	7.8	1
113	Insect Interactions with Other Pests (Weeds, Pathogens, Nematodes). , 2004, , 1-4.		0