

John N Thompson

List of Publications by Year in descending order

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42
papers

6,996
citations

186265

28
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

6122
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized olfactory detection of floral volatiles in the highly specialized <i>Greya-Lithophragma</i> nursery pollination system. <i>Arthropod-Plant Interactions</i> , 2021, 15, 209-221.	1.1	3
2	In remembrance of Victor Rico Gray (1951–2021): An astonishing tropical ecologist. <i>Biotropica</i> , 2021, 53, 1238-1243.	1.6	0
3	Genetic correlations and ecological networks shape coevolving mutualisms. <i>Ecology Letters</i> , 2020, 23, 1789-1799.	6.4	13
4	Extreme diversification of floral volatiles within and among species of <i>Lithophragma</i> (<i>Saxifragaceae</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4406-4415.	7.1	56
5	The geographic mosaic of coevolution in mutualistic networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12017-12022.	7.1	50
6	Species-rich networks and eco-evolutionary synthesis at the metacommunity level. <i>Nature Ecology and Evolution</i> , 2017, 1, 24.	7.8	95
7	Network Structure and Selection Asymmetry Drive Coevolution in Species-Rich Antagonistic Interactions. <i>American Naturalist</i> , 2017, 190, 99-115.	2.1	42
8	Gene flow and metacommunity arrangement affects coevolutionary dynamics at the mutualism–antagonism interface. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160989.	3.4	5
9	Diversification of Trait Combinations in Coevolving Plant and Insect Lineages. <i>American Naturalist</i> , 2017, 190, 171-184.	2.1	16
10	Indirect effects drive coevolution in mutualistic networks. <i>Nature</i> , 2017, 550, 511-514.	27.8	215
11	Nutrient availability affects floral scent much less than other floral and vegetative traits in <i>Lithophragma bolanderi</i> . <i>Annals of Botany</i> , 2017, 120, 471-478.	2.9	19
12	Divergence in selection of host species and plant parts among populations of a phytophagous insect. <i>Evolutionary Ecology</i> , 2016, 30, 723-737.	1.2	13
13	Unravelling Darwin's entangled bank: architecture and robustness of mutualistic networks with multiple interaction types. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161564.	2.6	54
14	Coevolution, local adaptation and ecological speciation. <i>Molecular Ecology</i> , 2016, 25, 5608-5610.	3.9	8
15	Below-ground plant–fungus network topology is not congruent with above-ground plant–animal network topology. <i>Science Advances</i> , 2015, 1, e1500291.	10.3	74
16	Assembly of complex plant–fungus networks. <i>Nature Communications</i> , 2014, 5, 5273.	12.8	160
17	Floral Scent Contributes to Interaction Specificity in Coevolving Plants and Their Insect Pollinators. <i>Journal of Chemical Ecology</i> , 2014, 40, 955-965.	1.8	46
18	Understanding evolution and the complexity of species interactions using orchids as a model system. <i>New Phytologist</i> , 2014, 202, 373-375.	7.3	23

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19	The Interface of Ecology and Evolution During the Formation of the Science of Ecology. Bulletin of the Ecological Society of America, 2014, 95, 122-123.	0.2	0
20	Extreme divergence in floral scent among woodland star species (<i>Lithophragma</i> spp.) pollinated by floral parasites. Annals of Botany, 2013, 111, 539-550.	2.9	43
21	Diversification through multitrait evolution in a coevolving interaction. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11487-11492.	7.1	60
22	The Role of Coevolution. Science, 2012, 335, 410-411.	12.6	14
23	Evolution and coevolution in mutualistic networks. Ecology Letters, 2011, 14, 877-885.	6.4	256
24	Range edges and the molecular divergence of <i>Greya</i> moth populations. Journal of Biogeography, 2011, 38, 551-563.	3.0	12
25	Retention of mutualism in a geographically diverging interaction. Ecology Letters, 2010, 13, 1368-1377.	6.4	20
26	Coevolutionary Biology: Sex and the Geographic Mosaic of Coevolution. Current Biology, 2009, 19, R735-R736.	3.9	2
27	The Coevolving Web of Life(American Society of Naturalists Presidential Address). American Naturalist, 2009, 173, 125-140.	2.1	138
28	Diverse historical processes shape deep phylogeographical divergence in the pollinating seed parasite <i>Greya politella</i> . Molecular Ecology, 2008, 17, 2430-2448.	3.9	35
29	EVOLUTION OF POLYPLOIDY AND THE DIVERSIFICATION OF PLANT-POLLINATOR INTERACTIONS. Ecology, 2008, 89, 2197-2206.	3.2	89
30	Interaction Intimacy Affects Structure and Coevolutionary Dynamics in Mutualistic Networks. Current Biology, 2007, 17, 1797-1803.	3.9	188
31	TEMPORAL DYNAMICS OF ANTAGONISM AND MUTUALISM IN A GEOGRAPHICALLY VARIABLE PLANT-INSECT INTERACTION. Ecology, 2006, 87, 103-112.	3.2	102
32	COEVOLUTIONARY ALTERNATION IN ANTAGONISTIC INTERACTIONS. Evolution; International Journal of Organic Evolution, 2006, 60, 2207-2217.	2.3	70
33	ECOLOGY: Mutualistic Webs of Species. Science, 2006, 312, 372-373.	12.6	118
34	Coevolution: The Geographic Mosaic of Coevolutionary Arms Races. Current Biology, 2005, 15, R992-R994.	3.9	166
35	The dynamics of evolutionary stasis. Paleobiology, 2005, 31, 133-145.	2.0	308
36	Coevolution and Maladaptation. Integrative and Comparative Biology, 2002, 42, 381-387.	2.0	93

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37	Plant polyploidy and host expansion in an insect herbivore. <i>Oecologia</i> , 2002, 130, 570-575.	2.0	46
38	Geographic structure and dynamics of coevolutionary selection. <i>Nature</i> , 2002, 417, 735-738.	27.8	406
39	Plant polyploidy and non-uniform effects on insect herbivores. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1937-1940.	2.6	91
40	COEVOLUTIONARY CLINES ACROSS SELECTION MOSAICS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1102-1115.	2.3	118
41	Hot Spots, Cold Spots, and the Geographic Mosaic Theory of Coevolution. <i>American Naturalist</i> , 2000, 156, 156-174.	2.1	273
42	Mutualism with Pollinating Seed Parasites Amid Co-Pollinators: Constraints on Specialization. <i>Ecology</i> , 1992, 73, 1780-1791.	3.2	204