John N Thompson

List of Publications by Year in descending order

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	Geographic structure and dynamics of coevolutionary selection. Nature, 2002, 417, 735-738.	27.8	406
2	The dynamics of evolutionary stasis. Paleobiology, 2005, 31, 133-145.	2.0	308
3	Hot Spots, Cold Spots, and the Geographic Mosaic Theory of Coevolution. American Naturalist, 2000, 156, 156-174.	2.1	273
4	Evolution and coevolution in mutualistic networks. Ecology Letters, 2011, 14, 877-885.	6.4	256
5	Indirect effects drive coevolution in mutualistic networks. Nature, 2017, 550, 511-514.	27.8	215
6	Mutualism with Pollinating Seed Parasites Amid Co-Pollinators: Constraints on Specialization. Ecology, 1992, 73, 1780-1791.	3.2	204
7	Interaction Intimacy Affects Structure and Coevolutionary Dynamics in Mutualistic Networks. Current Biology, 2007, 17, 1797-1803.	3.9	188
8	Coevolution: The Geographic Mosaic of Coevolutionary Arms Races. Current Biology, 2005, 15, R992-R994.	3.9	166
9	Assembly of complex plantâ€“fungus networks. Nature Communications, 2014, 5, 5273.	12.8	160
10	The Coevolving Web of Life(American Society of Naturalists Presidential Address). American Naturalist, 2009, 173, 125-140.	2.1	138
11	COEVOLUTIONARY CLINES ACROSS SELECTION MOSAICS. Evolution; International Journal of Organic Evolution, 2000, 54, 1102-1115.	2.3	118
12	ECOLOGY: Mutualistic Webs of Species. Science, 2006, 312, 372-373.	12.6	118
13	TEMPORAL DYNAMICS OF ANTAGONISM AND MUTUALISM IN A GEOGRAPHICALLY VARIABLE PLANTâ€“INSECT INTERACTION. Ecology, 2006, 87, 103-112.	3.2	102
14	Species-rich networks and eco-evolutionary synthesis at the metacommunity level. Nature Ecology and Evolution, 2017, 1, 24.	7.8	95
15	Coevolution and Maladaptation. Integrative and Comparative Biology, 2002, 42, 381-387.	2.0	93
16	Plant polyploidy and non-uniform effects on insect herbivores. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1937-1940.	2.6	91
17	EVOLUTION OF POLYPLOIDY AND THE DIVERSIFICATION OF PLANTâ€“POLLINATOR INTERACTIONS. Ecology, 2008, 89, 2197-2206.	3.2	89
18	Below-ground plantâ€“fungus network topology is not congruent with above-ground plantâ€“animal network topology. Science Advances, 2015, 1, e1500291.	10.3	74

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19	COEVOLUTIONARY ALTERNATION IN ANTAGONISTIC INTERACTIONS. Evolution; International Journal of Organic Evolution, 2006, 60, 2207-2217.	2.3	70
20	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
21	Extreme diversification of floral volatiles within and among species of Lithophragma (Saxifragaceae). Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4406-4415.	7.1	56
22	Unravelling Darwin's entangled bank: architecture and robustness of mutualistic networks with multiple interaction types. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161564.	2.6	54
23	The geographic mosaic of coevolution in mutualistic networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12017-12022.	7.1	50
24	Plant polyploidy and host expansion in an insect herbivore. Oecologia, 2002, 130, 570-575.	2.0	46
25	Floral Scent Contributes to Interaction Specificity in Coevolving Plants and Their Insect Pollinators. Journal of Chemical Ecology, 2014, 40, 955-965.	1.8	46
26	Extreme divergence in floral scent among woodland star species (Lithophragma spp.) pollinated by floral parasites. Annals of Botany, 2013, 111, 539-550.	2.9	43
27	Network Structure and Selection Asymmetry Drive Coevolution in Species-Rich Antagonistic Interactions. American Naturalist, 2017, 190, 99-115.	2.1	42
28	Diverse historical processes shape deep phylogeographical divergence in the pollinating seed parasite Greya politella. Molecular Ecology, 2008, 17, 2430-2448.	3.9	35
29	Understanding evolution and the complexity of species interactions using orchids as a model system. New Phytologist, 2014, 202, 373-375.	7.3	23
30	Retention of mutualism in a geographically diverging interaction. Ecology Letters, 2010, 13, 1368-1377.	6.4	20
31	Nutrient availability affects floral scent much less than other floral and vegetative traits in Lithophragma bolanderi. Annals of Botany, 2017, 120, 471-478.	2.9	19
32	Diversification of Trait Combinations in Coevolving Plant and Insect Lineages. American Naturalist, 2017, 190, 171-184.	2.1	16
33	The Role of Coevolution. Science, 2012, 335, 410-411.	12.6	14
34	Divergence in selection of host species and plant parts among populations of a phytophagous insect. Evolutionary Ecology, 2016, 30, 723-737.	1.2	13
35	Genetic correlations and ecological networks shape coevolving mutualisms. Ecology Letters, 2020, 23, 1789-1799.	6.4	13
36	Range edges and the molecular divergence of Greya moth populations. Journal of Biogeography, 2011, 38, 551-563.	3.0	12

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37	Coevolution, local adaptation and ecological speciation. Molecular Ecology, 2016, 25, 5608-5610.	3.9	8
38	Gene flow and metacommunity arrangement affects coevolutionary dynamics at the mutualismâ€“antagonism interface. Journal of the Royal Society Interface, 2017, 14, 20160989.	3.4	5
39	Generalized olfactory detection of floral volatiles in the highly specialized Greya-Lithophragma nursery pollination system. Arthropod-Plant Interactions, 2021, 15, 209-221.	1.1	3
40	Coevolutionary Biology: Sex and the Geographic Mosaic of Coevolution. Current Biology, 2009, 19, R735-R736.	3.9	2
41	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
42	In remembrance of Victor Rico Gray (1951â€2021): An astonishing tropical ecologist. Biotropica, 2021, 53, 1238-1243.	1.6	0