John N Thompson

List of Publications by Year
in descending order

42 papers	6,996 citations	185998 28 h-index	288905 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 Greya-Lithophragma nursery pollination system. Arthropod-Plant Interactions, 2021, 15, 209-221.	0.5	3
2	In remembrance of Victor Rico Gray (1951â€2021): An astonishing tropical ecologist. Biotropica, 2021, 53, 1238-1243.	0.8	0
3	Genetic correlations and ecological networks shape coevolving mutualisms. Ecology Letters, 2020, 23, 1789-1799.	3.0	13
4	Extreme diversification of floral volatiles within and among species of <i>Lithophragma</i> (Saxifragaceae). Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4406-4415.	3.3	56
5	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.	3.3	50
6	Species-rich networks and eco-evolutionary synthesis at the metacommunity level. Nature Ecology and Evolution, 2017, 1, 24.	3.4	95
7	Network Structure and Selection Asymmetry Drive Coevolution in Species-Rich Antagonistic Interactions. American Naturalist, 2017, 190, 99-115.	1.0	42
8	Gene flow and metacommunity arrangement affects coevolutionary dynamics at the mutualismâ€“antagonism interface. Journal of the Royal Society Interface, 2017, 14, 20160989.	1.5	5
9	Diversification of Trait Combinations in Coevolving Plant and Insect Lineages. American Naturalist, 2017, 190, 171-184.	1.0	16
10	Indirect effects drive coevolution in mutualistic networks. Nature, 2017, 550, 511-514.	13.7	215
11	Nutrient availability affects floral scent much less than other floral and vegetative traits in Lithophragma bolanderi. Annals of Botany, 2017, 120, 471-478.	1.4	19
12	Divergence in selection of host species and plant parts among populations of a phytophagous insect. Evolutionary Ecology, 2016, 30, 723-737.	0.5	13
13	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.	1.2	54
14	Coevolution, local adaptation and ecological speciation. Molecular Ecology, 2016, 25, 5608-5610.	2.0	8
15	Below-ground plantâ€“fungus network topology is not congruent with above-ground plantâ€“animal network topology. Science Advances, 2015, 1, e1500291.	4.7	74
16	Assembly of complex plantâ€“fungus networks. Nature Communications, 2014, 5, 5273.	5.8	160
17	Floral Scent Contributes to Interaction Specificity in Coevolving Plants and Their Insect Pollinators. Journal of Chemical Ecology, 2014, 40, 955-965.	0.9	46
18	Understanding evolution and the complexity of species interactions using orchids as a model system. New Phytologist, 2014, 202, 373-375.	3.5	23

#	Article	IF	Citations
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 (Lithophragma spp.) pollinated by floral parasites. Annals of Botany, 2013, 111, 539-550.	1.4	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.	3.3	60
22	The Role of Coevolution. Science, 2012, 335, 410-411.	6.0	14
23	Evolution and coevolution in mutualistic networks. Ecology Letters, 2011, 14, 877-885.	3.0	256
24	Range edges and the molecular divergence of Greya moth populations. Journal of Biogeography, 2011, 38, 551-563.	1.4	12
25	Retention of mutualism in a geographically diverging interaction. Ecology Letters, 2010, 13, 1368-1377.	3.0	20
26	Coevolutionary Biology: Sex and the Geographic Mosaic of Coevolution. Current Biology, 2009, 19, R735-R736.	1.8	2
27	The Coevolving Web of Life(American Society of Naturalists Presidential Address). American Naturalist, 2009, 173, 125-140.	1.0	138
28	Diverse historical processes shape deep phylogeographical divergence in the pollinating seed parasite <i>Greya politella</i>. Molecular Ecology, 2008, 17, 2430-2448.	2.0	35
29	EVOLUTION OF POLYPLOIDY AND THE DIVERSIFICATION OF PLANTâ€"POLLINATOR INTERACTIONS. Ecology, 2008, 89, 2197-2206.	1.5	89
30	Interaction Intimacy Affects Structure and Coevolutionary Dynamics in Mutualistic Networks. Current Biology, 2007, 17, 1797-1803.	1.8	188
31	TEMPORAL DYNAMICS OF ANTAGONISM AND MUTUALISM IN A GEOGRAPHICALLY VARIABLE PLANTâ€"INSECT INTERACTION. Ecology, 2006, 87, 103-112.	1.5	102
32	COEVOLUTIONARY ALTERNATION IN ANTAGONISTIC INTERACTIONS. Evolution; International Journal of Organic Evolution, 2006, 60, 2207-2217.	1.1	70
33	ECOLOGY: Mutualistic Webs of Species. Science, 2006, 312, 372-373.	6.0	118
34	Coevolution: The Geographic Mosaic of Coevolutionary Arms Races. Current Biology, 2005, 15, R992-R994.	1.8	166
35	The dynamics of evolutionary stasis. Paleobiology, 2005, 31, 133-145.	1.3	308
36	Coevolution and Maladaptation. Integrative and Comparative Biology, 2002, 42, 381-387.	0.9	93

#	Article	IF	Citations
37	Plant polyploidy and host expansion in an insect herbivore. Oecologia, 2002, 130, 570-575.	0.9	46
38	Geographic structure and dynamics of coevolutionary selection. Nature, 2002, 417, 735-738.	13.7	406
39	Plant polyploidy and non-uniform effects on insect herbivores. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1937-1940.	1.2	91
40	COEVOLUTIONARY CLINES ACROSS SELECTION MOSAICS. Evolution; International Journal of Organic Evolution, 2000, 54, 1102-1115.	1.1	118
41	Hot Spots, Cold Spots, and the Geographic Mosaic Theory of Coevolution. American Naturalist, 2000, 156, 156-174.	1.0	273
42	Mutualism with Pollinating Seed Parasites Amid Co-Pollinators: Constraints on Specialization. Ecology, 1992, 73, 1780-1791.	1.5	204