

# Adam M Siepielski

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,909  
citations

279798

23  
h-index

175258

52  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3819  
citing authors

#	ARTICLE	IF	CITATIONS
1	A common measure of prey immune function is not constrained by the cascading effects of predators. <i>Evolutionary Ecology</i> , 2023, 37, 13-30.	1.2	4
2	Insect Species Coexistence and Conservation Amidst Global Change. , 2022, , 370-377.		2
3	Environmental Conditions during Development Affect Sexual Selection through Trait-Fitness Relationships. <i>American Naturalist</i> , 2022, 199, 34-50.	2.1	3
4	A role for the local environment in driving species-specific parasitism in a multi-host parasite system. <i>Freshwater Biology</i> , 2022, 67, 1571-1583.	2.4	2
5	On the Origin of Coexisting Species. <i>Trends in Ecology and Evolution</i> , 2021, 36, 284-293.	8.7	31
6	Predicting the distributions of regional endemic dragonflies using a combined model approach. <i>Insect Conservation and Diversity</i> , 2021, 14, 52-66.	3.0	15
7	When Ecology Fails: How Reproductive Interactions Promote Species Coexistence. <i>Trends in Ecology and Evolution</i> , 2021, 36, 610-622.	8.7	22
8	Towards Global Volunteer Monitoring of Odonate Abundance. <i>BioScience</i> , 2020, 70, 914-923.	4.9	32
9	Selection on fruit traits is mediated by the interplay between frugivorous birds, fruit flies, parasitoid wasps and seed-dispersing ants. <i>Journal of Evolutionary Biology</i> , 2020, 33, 874-886.	1.7	10
10	Predators weaken prey intraspecific competition through phenotypic selection. <i>Ecology Letters</i> , 2020, 23, 951-961.	6.4	14
11	Population-level variation of digestive physiology costs of mounting an immune response in damselflies. <i>Ecological Entomology</i> , 2020, 45, 635-643.	2.2	3
12	No evidence that warmer temperatures are associated with selection for smaller body sizes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191332.	2.6	35
13	Disentangling ecologically equivalent from neutral species: The mechanisms of population regulation matter. <i>Journal of Animal Ecology</i> , 2019, 88, 1755-1765.	2.8	12
14	Bovine tuberculosis disturbs parasite functional trait composition in African buffalo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14645-14650.	7.1	8
15	The consequences of mass mortality events for the structure and dynamics of biological communities. <i>Oikos</i> , 2019, 128, 1679-1690.	2.7	15
16	A framework for linking competitor ecological differences to coexistence. <i>Journal of Animal Ecology</i> , 2019, 88, 1534-1548.	2.8	9
17	Predator driven niches vary spatially among co-occurring damselfly species. <i>Evolutionary Ecology</i> , 2019, 33, 243-256.	1.2	9
18	Past selection impacts the strength of an aquatic trophic cascade. <i>Functional Ecology</i> , 2018, 32, 1554-1562.	3.6	19

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19	Response to Comment on "Precipitation drives global variation in natural selection". Science, 2018, 359, .	12.6	2
20	Tipping Points in Resource Abundance Drive Irreversible Changes in Community Structure. American Naturalist, 2018, 191, 668-675.	2.1	8
21	Opportunistic data reveal widespread species turnover in <i>Enallagma</i> damselflies at biogeographical scales. Ecography, 2018, 41, 958-970.	4.5	12
22	An ecological and evolutionary perspective on species coexistence under global change. Current Opinion in Insect Science, 2018, 29, 71-77.	4.4	13
23	Female mate preferences on high-dimensional shape variation for male species recognition traits. Journal of Evolutionary Biology, 2018, 31, 1239-1250.	1.7	4
24	Adaptive evolution to novel predators facilitates the evolution of damselfly species range shifts. Evolution; International Journal of Organic Evolution, 2017, 71, 974-984.	2.3	9
25	Precipitation drives global variation in natural selection. Science, 2017, 355, 959-962.	12.6	267
26	What Are the Environmental Determinants of Phenotypic Selection? A Meta-analysis of Experimental Studies. American Naturalist, 2017, 190, 363-376.	2.1	60
27	Experimental Evidence for an Eco-Evolutionary Coupling between Local Adaptation and Intraspecific Competition. American Naturalist, 2016, 187, 447-456.	2.1	27
28	Species residency status affects model selection and hypothesis testing in freshwater community ecology. Freshwater Biology, 2016, 61, 1568-1579.	2.4	8
29	Climate extremes are associated with invertebrate taxonomic and functional composition in mountain lakes. Ecology and Evolution, 2016, 6, 8094-8106.	1.9	15
30	Predator olfactory cues generate a foraging-predation trade-off through prey apprehension. Royal Society Open Science, 2016, 3, 150537.	2.4	21
31	Rare niches and the ecological equivalence of species. Theoretical Ecology, 2015, 8, 491-503.	1.0	4
32	Recent shifts in the occurrence, cause, and magnitude of animal mass mortality events. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1083-1088.	7.1	250
33	NONCONSUMPTIVE PREDATOR-DRIVEN MORTALITY CAUSES NATURAL SELECTION ON PREY. Evolution; International Journal of Organic Evolution, 2014, 68, 696-704.	2.3	38
34	Niche versus neutrality in structuring the beta diversity of damselfly assemblages. Freshwater Biology, 2013, 58, 758-768.	2.4	31
35	The spatial patterns of directional phenotypic selection. Ecology Letters, 2013, 16, 1382-1392.	6.4	183
36	Consequences of trait evolution in a multispecies system. , 2012, , 278-292.		3

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37	Synthetic analyses of phenotypic selection in natural populations: lessons, limitations and future directions. <i>Evolutionary Ecology</i> , 2012, 26, 1101-1118.	1.2	234
38	Signature of ecological partitioning in the maintenance of damselfly diversity. <i>Journal of Animal Ecology</i> , 2011, 80, 1163-1173.	2.8	29
39	Differences in the temporal dynamics of phenotypic selection among fitness components in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1572-1580.	2.6	105
40	CONFLICTING SELECTION FROM AN ANTAGONIST AND A MUTUALIST ENHANCES PHENOTYPIC VARIATION IN A PLANT. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1120-1128.	2.3	46
41	On the evidence for species coexistence: a critique of the coexistence program. <i>Ecology</i> , 2010, 91, 3153-3164.	3.2	197
42	Experimental evidence for neutral community dynamics governing an insect assemblage. <i>Ecology</i> , 2010, 91, 847-857.	3.2	93
43	Cone and seed trait variation in whitebark pine ( <i>Pinus albicaulis</i> ; Pinaceae) and the potential for phenotypic selection. <i>American Journal of Botany</i> , 2009, 96, 1050-1054.	1.7	19
44	It's about time: the temporal dynamics of phenotypic selection in the wild. <i>Ecology Letters</i> , 2009, 12, 1261-1276.	6.4	524
45	The local introduction of strongly interacting species and the loss of geographic variation in species and species interactions. <i>Molecular Ecology</i> , 2008, 17, 395-404.	3.9	23
46	A seed predator drives the evolution of a seed dispersal mutualism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1917-1925.	2.6	32
47	SEED PREDATION AND SELECTION EXERTED BY A SEED PREDATOR INFLUENCE SUBALPINE TREE DENSITIES. <i>Ecology</i> , 2008, 89, 2960-2966.	3.2	23
48	Extreme environmental variation sharpens selection that drives the evolution of a mutualism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1799-1805.	2.6	28
49	CONVERGENT PATTERNS IN THE SELECTION MOSAIC FOR TWO NORTH AMERICAN BIRD-DISPERSED PINES. <i>Ecological Monographs</i> , 2007, 77, 203-220.	5.4	47
50	A Possible Role for Red Squirrels in Structuring Breeding Bird Communities in Lodgepole Pine Forests. <i>Condor</i> , 2006, 108, 232-238.	1.6	11
51	A Possible Role for Red Squirrels in Structuring Breeding Bird Communities in Lodgepole Pine Forests. <i>Condor</i> , 2006, 108, 232.	1.6	8
52	A KEYSTONE SELECTIVE AGENT? PINE SQUIRRELS AND THE FREQUENCY OF SEROTINY IN LODGEPOLE PINE. <i>Ecology</i> , 2004, 85, 2082-2087.	3.2	59
53	INTERACTIONS AMONG MOTHS, CROSSBILLS, SQUIRRELS, AND LODGEPOLE PINE IN A GEOGRAPHIC SELECTION MOSAIC. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 95-101.	2.3	63
54	Reciprocal Selection Causes a Coevolutionary Arms Race between Crossbills and Lodgepole Pine. <i>American Naturalist</i> , 2003, 162, 182-194.	2.1	168