

Thomas W Schoener

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

15,851
citations

57758

44
h-index

88630

70
g-index

73
all docs

73
docs citations

73
times ranked

14672
citing authors

#	ARTICLE	IF	CITATIONS
1	Trophic Downgrading of Planet Earth. <i>Science</i> , 2011, 333, 301-306.	12.6	3,030
2	Field Experiments on Interspecific Competition. <i>American Naturalist</i> , 1983, 122, 240-285.	2.1	2,039
3	The Anolis Lizards of Bimini: Resource Partitioning in a Complex Fauna. <i>Ecology</i> , 1968, 49, 704-726.	3.2	1,587
4	Nonsynchronous Spatial Overlap of Lizards in Patchy Habitats. <i>Ecology</i> , 1970, 51, 408-418.	3.2	1,303
5	The Newest Synthesis: Understanding the Interplay of Evolutionary and Ecological Dynamics. <i>Science</i> , 2011, 331, 426-429.	12.6	832
6	Sizes of Feeding Territories among Birds. <i>Ecology</i> , 1968, 49, 123-141.	3.2	537
7	Food Webs From the Small to the Large: The Robert H. MacArthur Award Lecture. <i>Ecology</i> , 1989, 70, 1559-1589.	3.2	527
8	Adaptive differentiation following experimental island colonization in Anolis lizards. <i>Nature</i> , 1997, 387, 70-73.	27.8	421
9	Models of Optimal Size for Solitary Predators. <i>American Naturalist</i> , 1969, 103, 277-313.	2.1	392
10	Differences in Insect Abundance and Diversity Between Wetter and Drier Sites During a Tropical Dry Season. <i>Ecology</i> , 1968, 49, 96-110.	3.2	374
11	Mechanistic Approaches to Community Ecology: A New Reductionism. <i>American Zoologist</i> , 1986, 26, 81-106.	0.7	315
12	An empirically based estimate of home range. <i>Theoretical Population Biology</i> , 1981, 20, 281-325.	1.1	291
13	Generality of the Size-Distance Relation in Models of Optimal Feeding. <i>American Naturalist</i> , 1979, 114, 902-914.	2.1	280
14	Competition and the form of habitat shift. <i>Theoretical Population Biology</i> , 1974, 6, 265-307.	1.1	215
15	High population persistence in a system with high turnover. <i>Nature</i> , 1987, 330, 474-477.	27.8	185
16	Population growth regulated by intraspecific competition for energy or time: Some simple representations. <i>Theoretical Population Biology</i> , 1973, 4, 56-84.	1.1	170
17	Densities, Sex Ratios, and Population Structure in Four Species of Bahamian Anolis Lizards. <i>Journal of Animal Ecology</i> , 1980, 49, 19.	2.8	161
18	Presence and Absence of Habitat Shift in Some Widespread Lizard Species. <i>Ecological Monographs</i> , 1975, 45, 233-258.	5.4	159

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19	A terrestrial field experiment showing the impact of eliminating top predators on foliage damage. <i>Nature</i> , 1990, 347, 469-472.	27.8	154
20	Diet and sexual dimorphism in the very catholic lizard genus, <i>Leiocephalus</i> of the Bahamas. <i>Oecologia</i> , 1982, 53, 160-169.	2.0	131
21	Founder Effects Persist Despite Adaptive Differentiation: A Field Experiment with Lizards. <i>Science</i> , 2012, 335, 1086-1089.	12.6	127
22	Predators increase the risk of catastrophic extinction of prey populations. <i>Nature</i> , 2001, 412, 183-186.	27.8	125
23	Length-Weight Regressions in Tropical and Temperate Forest-Understory Insects. <i>Annals of the Entomological Society of America</i> , 1980, 73, 106-109.	2.5	116
24	Predator-induced collapse of niche structure and species coexistence. <i>Nature</i> , 2019, 570, 58-64.	27.8	109
25	Habitat use and ecological interactions of an introduced and a native species of <i>Anolis</i> lizard on Grand Cayman, with a review of the outcomes of anole introductions. <i>Oecologia</i> , 1993, 95, 525-532.	2.0	108
26	ADAPTATION AND CONSTRAINT IN THE EVOLUTION OF SPECIALIZATION OF BAHAMIAN <i>ANOLIS</i> LIZARDS. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1786-1798.	2.3	108
27	Hurricane-induced selection on the morphology of an island lizard. <i>Nature</i> , 2018, 560, 88-91.	27.8	108
28	Predator-driven natural selection on risk-taking behavior in anole lizards. <i>Science</i> , 2018, 360, 1017-1020.	12.6	107
29	Devastation of prey diversity by experimentally introduced predators in the field. <i>Nature</i> , 1996, 381, 691-694.	27.8	105
30	The time to extinction of a colonizing propagule of lizards increases with island area. <i>Nature</i> , 1983, 302, 332-334.	27.8	96
31	An Experimental Study of the Effect of Lizards on Web-Spider Communities. <i>Ecological Monographs</i> , 1988, 58, 57-77.	5.4	95
32	Lizards on newly created islands independently and rapidly adapt in morphology and diet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8812-8816.	7.1	91
33	LIZARDS REDUCE SPIDER SPECIES RICHNESS BY EXCLUDING RARE SPECIES. <i>Ecology</i> , 1998, 79, 503-516.	3.2	90
34	A Brief History of Optimal Foraging Ecology. , 1987, , 5-67.		90
35	THE RELATIONSHIP BETWEEN SEXUAL SIZE DIMORPHISM AND HABITAT USE IN GREATER ANTILLEAN <i>ANOLIS</i> LIZARDS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 259-272.	2.3	80
36	The Dynamics of the Species-Area Relation in Marine Fouling Systems: 1. Biological Correlates of Changes in the Species-Area Slope. <i>American Naturalist</i> , 1981, 118, 339-360.	2.1	77

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37	Experimental studies of adaptive differentiation in Bahamian Anolis lizards. <i>Genetica</i> , 2001, 112/113, 399-415.	1.1	67
38	PREDATION ON A COMMON ANOLIS LIZARD: CAN THE FOOD-WEB EFFECTS OF A DEVASTATING PREDATOR BE REVERSED?. <i>Ecological Monographs</i> , 2002, 72, 383-407.	5.4	67
39	Lizards reduce food consumption by spiders: mechanisms and consequences. <i>Oecologia</i> , 1990, 83, 150-161.	2.0	66
40	Evolution in ecological field experiments: implications for effect size. <i>Ecology Letters</i> , 2008, 11, 199-207.	6.4	66
41	Variable ecological effects of hurricanes: The importance of seasonal timing for survival of lizards on Bahamian islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 177-181.	7.1	63
42	Large-Billed Insectivorous Birds: A Precipitous Diversity Gradient. <i>Condor</i> , 1971, 73, 154-161.	1.6	62
43	Stabilimenta characteristics of the spider <i>Argiope argentata</i> on small islands: support of the predator-defense hypothesis. <i>Behavioral Ecology and Sociobiology</i> , 1992, 31, 309.	1.4	57
44	Indirect Effects in an Experimentally Staged Invasion by a Major Predator. <i>American Naturalist</i> , 1999, 153, 347-358.	2.1	56
45	Inverse relation of survival of lizards with island size and avifaunal richness. <i>Nature</i> , 1978, 274, 685-687.	27.8	55
46	Nonsynchronous recovery of community characteristics in island spiders after a catastrophic hurricane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2220-2225.	7.1	46
47	Predation-associated modulation of movement-based signals by a Bahamian lizard. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9187-9192.	7.1	43
48	Experiments on dispersal: Short-term floatation of insular anoles, with a review of similar abilities in other terrestrial animals. <i>Oecologia</i> , 1984, 63, 289-294.	2.0	40
49	THE ECOLOGICAL CONTEXT OF FEMALE PATTERN POLYMORPHISM IN THE LIZARD <i>ANOLIS SAGREI</i> . Evolution; <i>International Journal of Organic Evolution</i> , 1976, 30, 650-658.	2.3	39
50	Long-term variation in the effect of lizards on spider density is linked to rainfall. <i>Oecologia</i> , 1995, 103, 133-139.	2.0	33
51	Island Biogeography of Populations: An Introduced Species Transforms Survival Patterns. <i>Science</i> , 2005, 310, 1807-1809.	12.6	31
52	Pulsed seaweed subsidies drive sequential shifts in the effects of lizard predators on island food webs. <i>Ecology Letters</i> , 2019, 22, 1850-1859.	6.4	27
53	Testing for non-randomness in sizes and habitats of West Indian lizards: choice of species pool affects conclusions from null models. <i>Evolutionary Ecology</i> , 1988, 2, 1-26.	1.2	25
54	Predators determine how weather affects the spatial niche of lizard prey: exploring niche dynamics at a fine scale. <i>Ecology</i> , 2012, 93, 2512-2518.	3.2	24

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55	Pulses of marine subsidies amplify reproductive potential of lizards by increasing individual growth rate. <i>Oikos</i> , 2013, 122, 1496-1504.	2.7	24
56	Lifeâ€History Models of Extinction: A Test with Island Spiders. <i>American Naturalist</i> , 2003, 162, 558-573.	2.1	22
57	THE RELATIONSHIP BETWEEN SEXUAL SIZE DIMORPHISM AND HABITAT USE IN GREATER ANTILLEAN ANOLIS LIZARDS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 259.	2.3	21
58	Food-Web Dynamics on Some Small Subtropical Islands: Effects of Top and Intermediate Predators. , 1996, , 160-169.		20
59	AN EXPERIMENTAL TEST FOR PREDATOR-MEDIATED INTERACTIONS AMONG SPIDER SPECIES. <i>Ecology</i> , 2001, 82, 1560-1570.	3.2	19
60	Experimental studies of adaptive differentiation in Bahamian Anolis lizards. <i>Contemporary Issues in Genetics and Evolution</i> , 2001, , 399-415.	0.9	17
61	Variation in ecological interaction strength with island area: theory and data from the Bahamian archipelago. <i>Global Ecology and Biogeography</i> , 2016, 25, 891-899.	5.8	17
62	On the degree of consistency expected when different methods are used to estimate competition coefficients from census data. <i>Oecologia</i> , 1985, 67, 591-592.	2.0	16
63	The Ecological Context of Female Pattern Polymorphism in the Lizard <i>Anolis sagrei</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1976, 30, 650.	2.3	14
64	Marine subsidies change short-term foraging activity and habitat utilization of terrestrial lizards. <i>Ecology and Evolution</i> , 2017, 7, 10701-10709.	1.9	13
65	Recovery of food webs following natural physical disturbances. <i>Annals of the New York Academy of Sciences</i> , 2018, 1429, 100-117.	3.8	13
66	The effect of lizards on spiders and wasps: variation with island size and marine subsidy. <i>Ecosphere</i> , 2017, 8, e01909.	2.2	12
67	Predators suppress herbivore outbreaks and enhance plant recovery following hurricanes. <i>Ecology</i> , 2016, 97, 2540-2546.	3.2	11
68	The geographical distribution of rarity: misinterpretation of atlas methods affects some empirical conclusions. <i>Oecologia</i> , 1990, 82, 567-568.	2.0	7
69	Predation on a Common Anolis Lizard: Can the Food-Web Effects of a Devastating Predator Be Reversed?. <i>Ecological Monographs</i> , 2002, 72, 383.	5.4	6
70	When Should a Field Experiment Be Counted?: A Reply to Galindo and Krebs. <i>Oikos</i> , 1986, 46, 119.	2.7	4
71	Effects of size selection versus density dependence on life histories: A first experimental probe. <i>Ecology Letters</i> , 2021, 24, 1467-1473.	6.4	2