Priyanga Amarasekare

List of Publications by Year
in descending order

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53 papers	6,391 citations	147566 31 h-index	182168 51 g-index
66 all docs	66 docs citations	66 times ranked	7919 citing authors

#	Article	IF	Citations
1	Why intraspecific trait variation matters in community ecology. Trends in Ecology and Evolution, 2011, 26, 183-192.	4.2	1,809
2	POLLEN LIMITATION OF PLANT REPRODUCTION: ECOLOGICAL AND EVOLUTIONARY CAUSES AND CONSEQUENCES. Ecology, 2004, 85, 2408-2421.	1.5	1,004
3	Competitive coexistence in spatially structured environments: a synthesis. Ecology Letters, 2003, 6, 1109-1122.	3.0	746
4	The evolutionary ecology of metacommunities. Trends in Ecology and Evolution, 2008, 23, 311-317.	4.2	253
5	Spatial Dynamics of Foodwebs. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 479-500.	3.8	176
6	A Framework for Elucidating the Temperature Dependence of Fitness. American Naturalist, 2012, 179, 178-191.	1.0	168
7	Patch Dynamics and Metapopulation Theory: the Case of Successional Species. Journal of Theoretical Biology, 2001, 209, 333-344.	0.8	141
8	Effects of warming on predatorâ€“prey interactions â€“ a resourceâ€based approach and a theoretical synthesis. Ecology Letters, 2017, 20, 513-523.	3.0	126
9	Interactions between Local Dynamics and Dispersal: Insights from Single Species Models. Theoretical Population Biology, 1998, 53, 44-59.	0.5	124
10	Mechanisms of Coexistence in Competitive Metacommunities. American Naturalist, 2004, 164, 310-326.	1.0	124
11	Eco-Evolutionary Dynamics Enable Coexistence via Neighbor-Dependent Selection. American Naturalist, 2011, 178, E96-E109.	1.0	123
12	The role of density-dependent dispersal in sourceâ€“sink dynamics. Journal of Theoretical Biology, 2004, 226, 159-168.	0.8	115
13	COEXISTENCE OF COMPETING PARASITOIDS ON A PATCHILY DISTRIBUTED HOST: LOCAL VS. SPATIAL MECHANISMS. Ecology, 2000, 81, 1286-1296.	1.5	107
14	Alternative stable states and regional community structure. Journal of Theoretical Biology, 2004, 227, 359-368.	0.8	102
15	Predicting phenological shifts in a changing climate. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13212-13217.	3.3	97
16	Selection on stability across ecological scales. Trends in Ecology and Evolution, 2015, 30, 417-425.	4.2	86
17	Effects of temperature on consumerâ€“resource interactions. Journal of Animal Ecology, 2015, 84, 665-679.	1.3	79
18	COEXISTENCE OF INTRAGUILD PREDATORS AND PREY IN RESOURCE-RICH ENVIRONMENTS. Ecology, 2008, 89, 2786-2797.	1.5	76

#	Article	IF	Citations
19	TRADE-OFFS, TEMPORAL VARIATION, AND SPECIES COEXISTENCE IN COMMUNITIES WITH INTRAGUILD PREDATION. Ecology, 2007, 88, 2720-2728.	1.5	64
20	Spatial dynamics of mutualistic interactions. Journal of Animal Ecology, 2004, 73, 128-142.	1.3	60
21	Spatial Dynamics of Communities with Intraguild Predation: The Role of Dispersal Strategies. American Naturalist, 2007, 170, 819-831.	1.0	53
22	Effects of Temperature on Intraspecific Competition in Ectotherms. American Naturalist, 2014, 184, E50-E65.	1.0	53
23	Spatial dynamics in a host-multiparasitoid community. Journal of Animal Ecology, 2000, 69, 201-213.	1.3	50
24	Alternative stable states in communities with intraguild predation. Journal of Theoretical Biology, 2010, 262, 116-128.	0.8	46
25	Effects of temperature and resource variation on insect population dynamics: the bordered plant bug as a case study. Functional Ecology, 2016, 30, 1122-1131.	1.7	44
26	Elucidating the temperature response of survivorship in insects. Functional Ecology, 2012, 26, 959-968.	1.7	41
27	Potential Impact of Mammalian Nest Predators on Endemic Forest Birds of Western Mauna Kea, Hawaii. Conservation Biology, 1993, 7, 316-324.	2.4	38
28	Productivity, dispersal and the coexistence of intraguild predators and prey. Journal of Theoretical Biology, 2006, 243, 121-133.	0.8	38
29	Diversity-stability relationships in multitrophic systems: an empirical exploration. Journal of Animal Ecology, 2003, 72, 713-724.	1.3	37
30	The geometry of coexistence. Biological Journal of the Linnean Society, 2000, 71, 1-31.	0.7	34
31	Ecology of Introduced Small Mammals on Western Mauna Kea, Hawaii. Journal of Mammalogy, 1994, 75, 24-38.	0.6	33
32	The role of transient dynamics in biological pest control: insights from a hostâ€“parasitoid community. Journal of Animal Ecology, 2012, 81, 47-57.	1.3	32
33	The intrinsic growth rate as a predictor of population viability under climate warming. Journal of Animal Ecology, 2013, 82, 1240-1253.	1.3	30
34	Effect of nonâ€random dispersal strategies on spatial coexistence mechanisms. Journal of Animal Ecology, 2010, 79, 282-293.	1.3	29
35	Evolution of Thermal Reaction Norms in Seasonally Varying Environments. American Naturalist, 2017, 189, E31-E45.	1.0	25
36	Modeling oncolytic virotherapy: Is complete tumor-tropism too much of a good thing?. Journal of Theoretical Biology, 2014, 358, 166-178.	0.8	24

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37	Spatial dynamics of keystone predation. Journal of Animal Ecology, 2008, 77, 1306-1315.	1.3	23
38	The biological control of disease vectors. Journal of Theoretical Biology, 2012, 309, 47-57.	0.8	23
39	Spatial population structure in the banner-tailed kangaroo rat, Dipodomys spectabilis. Oecologia, 1994, 100-100, 166-176.	0.9	22
40	Competition for benefits can promote the persistence of mutualistic interactions. Journal of Theoretical Biology, 2013, 328, 54-64.	0.8	20
41	Effects of Climate Warming on Consumer-Resource Interactions: A Latitudinal Perspective. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	17
42	Microevolutionary patterns in the common caiman predict macroevolutionary trends across extant crocodilians. Biological Journal of the Linnean Society, 2015, 116, 834-846.	0.7	15
43	A Metric for Quantifying the Oscillatory Tendency of Consumer-Resource Interactions. American Naturalist, 2015, 185, 87-99.	1.0	14
44	Evolution of dispersal in a multiâ€trophic community context. Oikos, 2016, 125, 514-525.	1.2	14
45	Toward a Mechanistic Understanding of Thermal Niche Partitioning. American Naturalist, 2018, 191, E57-E75.	1.0	11
46	Latitudinal directionality in ectotherm invasion success. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20191411.	1.2	10
47	The interplay between host community structure and pathogen lifeâ€history constraints in driving the evolution of hostâ€range shifts. Functional Ecology, 2019, 33, 2338-2353.	1.7	9
48	Increasing resource specialization among competitors shifts control of diversity from local to spatial processes. , 1998, 1, 3.		7
49	A framework for highâ€throughput ecoâ€evolutionary simulations integrating multilocus forwardâ€time population genetics and community ecology. Methods in Ecology and Evolution, 2018, 9, 525-534.	2.2	7
50	Increasing resource specialization among competitors shifts control of diversity from local to spatial processes. Ecology Letters, 1998, 1, 3-5.	3.0	6
51	The evolution of coexistence theory. Theoretical Population Biology, 2020, 133, 49-51.	0.5	5
52	Population dynamics in ecological space and time. Trends in Ecology and Evolution, 1997, 12, 78-79.	4.2	1
53	Persistence of triâ€trophic interactions in seasonal environments. Journal of Animal Ecology, 2021, 90, 298-310.	1.3	0