Priyanga Amarasekare

List of Publications by Year
in descending order

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53 papers	6,391 citations	147801 31 h-index	175258 52 g-index
66 all docs	66 docs citations	66 times ranked	7919 citing authors

#	Article	IF	Citations
1	Persistence of triâ€trophic interactions in seasonal environments. Journal of Animal Ecology, 2021, 90, 298-310.	2.8	0
2	The evolution of coexistence theory. Theoretical Population Biology, 2020, 133, 49-51.	1.1	5
3	Latitudinal directionality in ectotherm invasion success. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20191411.	2.6	10
4	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.	3.6	9
5	Effects of Climate Warming on Consumer-Resource Interactions: A Latitudinal Perspective. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	17
6	Toward a Mechanistic Understanding of Thermal Niche Partitioning. American Naturalist, 2018, 191, E57-E75.	2.1	11
7	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.	5.2	7
8	Evolution of Thermal Reaction Norms in Seasonally Varying Environments. American Naturalist, 2017, 189, E31-E45.	2.1	25
9	Effects of warming on predatorâ€“prey interactions â€“ a resourceâ€based approach and a theoretical synthesis. Ecology Letters, 2017, 20, 513-523.	6.4	126
10	Predicting phenological shifts in a changing climate. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13212-13217.	7.1	97
11	Effects of temperature and resource variation on insect population dynamics: the bordered plant bug as a case study. Functional Ecology, 2016, 30, 1122-1131.	3.6	44
12	Evolution of dispersal in a multiâ€trophic community context. Oikos, 2016, 125, 514-525.	2.7	14
13	Microevolutionary patterns in the common caiman predict macroevolutionary trends across extant crocodilians. Biological Journal of the Linnean Society, 2015, 116, 834-846.	1.6	15
14	A Metric for Quantifying the Oscillatory Tendency of Consumer-Resource Interactions. American Naturalist, 2015, 185, 87-99.	2.1	14
15	Selection on stability across ecological scales. Trends in Ecology and Evolution, 2015, 30, 417-425.	8.7	86
16	Effects of temperature on consumerâ€“resource interactions. Journal of Animal Ecology, 2015, 84, 665-679.	2.8	79
17	Modeling oncolytic virotherapy: Is complete tumor-tropism too much of a good thing?. Journal of Theoretical Biology, 2014, 358, 166-178.	1.7	24
18	Effects of Temperature on Intraspecific Competition in Ectotherms. American Naturalist, 2014, 184, E50-E65.	2.1	53

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19	Competition for benefits can promote the persistence of mutualistic interactions. Journal of Theoretical Biology, 2013, 328, 54-64.	1.7	20
20	The intrinsic growth rate as a predictor of population viability under climate warming. Journal of Animal Ecology, 2013, 82, 1240-1253.	2.8	30
21	A Framework for Elucidating the Temperature Dependence of Fitness. American Naturalist, 2012, 179, 178-191.	2.1	168
22	The role of transient dynamics in biological pest control: insights from a hostâ€“parasitoid community. Journal of Animal Ecology, 2012, 81, 47-57.	2.8	32
23	Elucidating the temperature response of survivorship in insects. Functional Ecology, 2012, 26, 959-968.	3.6	41
24	The biological control of disease vectors. Journal of Theoretical Biology, 2012, 309, 47-57.	1.7	23
25	Eco-Evolutionary Dynamics Enable Coexistence via Neighbor-Dependent Selection. American Naturalist, 2011, 178, E96-E109.	2.1	123
26	Why intraspecific trait variation matters in community ecology. Trends in Ecology and Evolution, 2011, 26, 183-192.	8.7	1,809
27	Alternative stable states in communities with intraguild predation. Journal of Theoretical Biology, 2010, 262, 116-128.	1.7	46
28	Effect of nonâ€random dispersal strategies on spatial coexistence mechanisms. Journal of Animal Ecology, 2010, 79, 282-293.	2.8	29
29	Spatial dynamics of keystone predation. Journal of Animal Ecology, 2008, 77, 1306-1315.	2.8	23
30	The evolutionary ecology of metacommunities. Trends in Ecology and Evolution, 2008, 23, 311-317.	8.7	253
31	Spatial Dynamics of Foodwebs. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 479-500.	8.3	176
32	COEXISTENCE OF INTRAGUILD PREDATORS AND PREY IN RESOURCE-RICH ENVIRONMENTS. Ecology, 2008, 89, 2786-2797.	3.2	76
33	TRADE-OFFS, TEMPORAL VARIATION, AND SPECIES COEXISTENCE IN COMMUNITIES WITH INTRAGUILD PREDATION. Ecology, 2007, 88, 2720-2728.	3.2	64
34	Spatial Dynamics of Communities with Intraguild Predation: The Role of Dispersal Strategies. American Naturalist, 2007, 170, 819-831.	2.1	53
35	Productivity, dispersal and the coexistence of intraguild predators and prey. Journal of Theoretical Biology, 2006, 243, 121-133.	1.7	38
36	Spatial dynamics of mutualistic interactions. Journal of Animal Ecology, 2004, 73, 128-142.	2.8	60

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37	The role of density-dependent dispersal in sourceâ€“sink dynamics. Journal of Theoretical Biology, 2004, 226, 159-168.	1.7	115
38	Alternative stable states and regional community structure. Journal of Theoretical Biology, 2004, 227, 359-368.	1.7	102
39	Mechanisms of Coexistence in Competitive Metacommunities. American Naturalist, 2004, 164, 310-326.	2.1	124
40	POLLEN LIMITATION OF PLANT REPRODUCTION: ECOLOGICAL AND EVOLUTIONARY CAUSES AND CONSEQUENCES. Ecology, 2004, 85, 2408-2421.	3.2	1,004
41	Diversity-stability relationships in multitrophic systems: an empirical exploration. Journal of Animal Ecology, 2003, 72, 713-724.	2.8	37
42	Competitive coexistence in spatially structured environments: a synthesis. Ecology Letters, 2003, 6, 1109-1122.	6.4	746
43	Patch Dynamics and Metapopulation Theory: the Case of Successional Species. Journal of Theoretical Biology, 2001, 209, 333-344.	1.7	141
44	Spatial dynamics in a host-multiparasitoid community. Journal of Animal Ecology, 2000, 69, 201-213.	2.8	50
45	The geometry of coexistence. Biological Journal of the Linnean Society, 2000, 71, 1-31.	1.6	34
46	COEXISTENCE OF COMPETING PARASITOIDS ON A PATCHILY DISTRIBUTED HOST: LOCAL VS. SPATIAL MECHANISMS. Ecology, 2000, 81, 1286-1296.	3.2	107
47	Interactions between Local Dynamics and Dispersal: Insights from Single Species Models. Theoretical Population Biology, 1998, 53, 44-59.	1.1	124
48	Increasing resource specialization among competitors shifts control of diversity from local to spatial processes. Ecology Letters, 1998, 1, 3-5.	6.4	7
49	Increasing resource specialization among competitors shifts control of diversity from local to spatial processes. Ecology Letters, 1998, 1, 3-5.	6.4	6
50	Population dynamics in ecological space and time. Trends in Ecology and Evolution, 1997, 12, 78-79.	8.7	1
51	Ecology of Introduced Small Mammals on Western Mauna Kea, Hawaii. Journal of Mammalogy, 1994, 75, 24-38.	1.3	33
52	Spatial population structure in the banner-tailed kangaroo rat, Dipodomys spectabilis. Oecologia, 1994, 100-100, 166-176.	2.0	22
53	Potential Impact of Mammalian Nest Predators on Endemic Forest Birds of Western Mauna Kea, Hawaii. Conservation Biology, 1993, 7, 316-324.	4.7	38