

Masato Yamamichi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,647
citations

471371

17
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

2320
citing authors

#	ARTICLE	IF	CITATIONS
1	Core microbiomes for sustainable agroecosystems. <i>Nature Plants</i> , 2018, 4, 247-257.	4.7	639
2	Toward an integration of evolutionary biology and ecosystem science. <i>Ecology Letters</i> , 2011, 14, 690-701.	3.0	232
3	Species-rich networks and eco-evolutionary synthesis at the metacommunity level. <i>Nature Ecology and Evolution</i> , 2017, 1, 24.	3.4	95
4	Comparing the Effects of Rapid Evolution and Phenotypic Plasticity on Predator-Prey Dynamics. <i>American Naturalist</i> , 2011, 178, 287-304.	1.0	81
5	Form of an evolutionary tradeoff affects eco-evolutionary dynamics in a predator-prey system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16035-16040.	3.3	59
6	Searching for prey in a three-dimensional environment: hierarchical movements enhance foraging success in northern elephant seals. <i>Functional Ecology</i> , 2017, 31, 361-369.	1.7	52
7	When rarity has costs: coexistence under positive frequency-dependence and environmental stochasticity. <i>Ecology</i> , 2019, 100, e02664.	1.5	47
8	Indirect evolutionary rescue: prey adapts, predator avoids extinction. <i>Evolutionary Applications</i> , 2015, 8, 787-795.	1.5	38
9	Modelling inducible defences in predator-prey interactions: assumptions and dynamical consequences of three distinct approaches. <i>Ecology Letters</i> , 2019, 22, 390-404.	3.0	30
10	Rapid evolution of a consumer stoichiometric trait destabilizes consumer-producer dynamics. <i>Oikos</i> , 2015, 124, 960-969.	1.2	29
11	Linking structure and function in food webs: maximization of different ecological functions generates distinct food web structures. <i>Journal of Animal Ecology</i> , 2016, 85, 537-547.	1.3	28
12	Intraspecific Adaptation Load: A Mechanism for Species Coexistence. <i>Trends in Ecology and Evolution</i> , 2020, 35, 897-907.	4.2	27
13	Nestling polymorphism in a cuckoo-host system. <i>Current Biology</i> , 2015, 25, R1164-R1165.	1.8	26
14	Antagonistic coevolution between quantitative and Mendelian traits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152926.	1.2	24
15	Estimating the migration rate from genetic variation data. <i>Heredity</i> , 2012, 108, 362-363.	1.2	23
16	An Autosomal Analysis Gives No Genetic Evidence for Complex Speciation of Humans and Chimpanzees. <i>Molecular Biology and Evolution</i> , 2012, 29, 145-156.	3.5	22
17	Timing and propagule size of invasion determine its success by a time-varying threshold of demographic regime shift. <i>Ecology</i> , 2014, 95, 2303-2315.	1.5	19
18	Rapid evolution with generation overlap: the double-edged effect of dormancy. <i>Theoretical Ecology</i> , 2019, 12, 179-195.	0.4	19

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19	Divergent selection for opsin gene variation in guppy (<i>Poecilia reticulata</i>) populations of Trinidad and Tobago. <i>Heredity</i> , 2014, 113, 381-389.	1.2	18
20	Roles of maternal effects in maintaining genetic variation: Maternal storage effect. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 449-457.	1.1	18
21	SINGLE-GENE SPECIATION WITH PLEIOTROPY: EFFECTS OF ALLELE DOMINANCE, POPULATION SIZE, AND DELAYED INHERITANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2011-2023.	1.1	16
22	A shady phytoplankton paradox: when phytoplankton increases under low light. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181067.	1.2	15
23	Rapid evolution promotes fluctuation-dependent species coexistence. <i>Ecology Letters</i> , 2021, 24, 812-818.	3.0	15
24	How does genetic architecture affect eco-evolutionary dynamics? A theoretical perspective. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	1.8	12
25	How (co)evolution alters predator responses to increased mortality: extinction thresholds and hydra effects. <i>Ecology</i> , 2019, 100, e02789.	1.5	10
26	Antagonistic coevolution between multiple quantitative traits: Matching dynamics can arise from difference interactions. <i>Population Ecology</i> , 2019, 61, 362-370.	0.7	10
27	Cleaning, fast and slow: In defense of a canonical ecological trade-off. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
28	Effects of Rapid Evolution on Population Cycles and Extinction in Predator-Prey Systems. <i>Theoretical Biology</i> , 2020, , 19-49.	0.0	6
29	A unified framework for herbivore-to-producer biomass ratio reveals the relative influence of four ecological factors. <i>Communications Biology</i> , 2021, 4, 49.	2.0	4
30	Toxic males: Density-dependent male mating harassment can explain geographic parthenogenesis. <i>Ecological Research</i> , 2020, 35, 281-288.	0.7	2
31	How does the magnitude of genetic variation affect ecological and reproductive character displacement?. <i>Population Ecology</i> , 2023, 65, 220-230.	0.7	1
32	Idea paper: Controlling trait adaptation to decrease population densities for conservation and management. <i>Ecological Research</i> , 0, , .	0.7	1