

# Michael H Cortez

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

539  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary and Plastic Phenotypic Change Can Be Just as Fast as Changes in Population Densities. <i>American Naturalist</i> , 2021, 197, 47-59.	2.1	5
2	How intra-stage and inter-stage competition affect overcompensation in density and hydra effects in single-species, stage-structured models. <i>Theoretical Ecology</i> , 2021, 14, 23-39.	1.0	4
3	The Context-Dependent Effects of Host Competence, Competition, and Pathogen Transmission Mode on Disease Prevalence. <i>American Naturalist</i> , 2021, 198, 179-194.	2.1	14
4	Using sensitivity analysis to identify factors promoting higher versus lower infection prevalence in multi-host communities. <i>Journal of Theoretical Biology</i> , 2021, 526, 110766.	1.7	6
5	Destabilizing evolutionary and eco-evolutionary feedbacks drive empirical eco-evolutionary cycles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192298.	2.6	16
6	How (co)evolution alters predator responses to increased mortality: extinction thresholds and hydra effects. <i>Ecology</i> , 2019, 100, e02789.	3.2	10
7	Augmentation of Granular Anaerobic Sludge with Algalytic Bacteria Enhances Methane Production from Microalgal Biomass. <i>Fermentation</i> , 2019, 5, 88.	3.0	5
8	Genetic variation determines which feedbacks drive and alter predator-prey eco-evolutionary cycles. <i>Ecological Monographs</i> , 2018, 88, 353-371.	5.4	38
9	Partitioning the Effects of Eco-Evolutionary Feedbacks on Community Stability. <i>American Naturalist</i> , 2018, 191, 381-394.	2.1	25
10	The Effects of Predator Evolution and Genetic Variation on Predator-Prey Population-Level Dynamics. <i>Bulletin of Mathematical Biology</i> , 2017, 79, 1510-1538.	1.9	33
11	Hydra effects in stable communities and their implications for system dynamics. <i>Ecology</i> , 2016, 97, 1135-1145.	3.2	44
12	Hydra effects in discrete-time models of stable communities. <i>Journal of Theoretical Biology</i> , 2016, 411, 59-67.	1.7	10
13	How the Magnitude of Prey Genetic Variation Alters Predator-Prey Eco-Evolutionary Dynamics. <i>American Naturalist</i> , 2016, 188, 329-341.	2.1	56
14	Population Density, Not Host Competence, Drives Patterns of Disease in an Invaded Community. <i>American Naturalist</i> , 2016, 188, 554-566.	2.1	41
15	Is competition needed for ecological character displacement? Does displacement decrease competition?. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3039-3053.	2.3	14
16	Multiple regimes of robust patterns between network structure and biodiversity. <i>Scientific Reports</i> , 2015, 5, 17856.	3.3	11
17	Coevolution-driven predator-prey cycles: predicting the characteristics of eco-coevolutionary cycles using fast-slow dynamical systems theory. <i>Theoretical Ecology</i> , 2015, 8, 369-382.	1.0	18
18	The many potential indirect interactions between predators that share competing prey. <i>Ecological Monographs</i> , 2015, 85, 625-641.	5.4	23

#	ARTICLE	IF	CITATIONS
19	Comparing the qualitatively different effects rapidly evolving and rapidly induced defences have on predator-prey interactions. <i>Ecology Letters</i> , 2011, 14, 202-209.	6.4	54
20	Understanding Rapid Evolution in Predator-Prey Interactions Using the Theory of Fast-Slow Dynamical Systems. <i>American Naturalist</i> , 2010, 176, E109-E127.	2.1	112