

# Martin M Turcotte

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9072008/publications.pdf>

Version: 2024-02-01

25  
papers

1,761  
citations

361413

20  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant domestication through an ecological lens. <i>Trends in Ecology and Evolution</i> , 2015, 30, 463-469.	8.7	214
2	Phenotypic Plasticity and Species Coexistence. <i>Trends in Ecology and Evolution</i> , 2016, 31, 803-813.	8.7	187
3	Domestication impacts on plant-herbivore interactions: a meta-analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160034.	4.0	156
4	Effects of rapid evolution on species coexistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2112-2117.	7.1	126
5	The impact of rapid evolution on population dynamics in the wild: experimental test of eco-evolutionary dynamics. <i>Ecology Letters</i> , 2011, 14, 1084-1092.	6.4	116
6	New paradigms for the evolution of beneficial infections. <i>Trends in Ecology and Evolution</i> , 2011, 26, 202-209.	8.7	112
7	Macroecological and macroevolutionary patterns of leaf herbivory across vascular plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140555.	2.6	109
8	The impact of domestication on resistance to two generalist herbivores across 29 independent domestication events. <i>New Phytologist</i> , 2014, 204, 671-681.	7.3	87
9	Precision and accuracy in quantifying herbivory. <i>Ecological Entomology</i> , 2016, 41, 112-121.	2.2	83
10	What genomic data can reveal about eco-evolutionary dynamics. <i>Nature Ecology and Evolution</i> , 2018, 2, 9-15.	7.8	68
11	The eco-evolutionary impacts of domestication and agricultural practices on wild species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160033.	4.0	65
12	Phylogenetic patterns and phenotypic profiles of the species of plants and mammals farmed for food. <i>Nature Ecology and Evolution</i> , 2018, 2, 1808-1817.	7.8	59
13	Adaptive Evolution in Ecological Communities. <i>PLoS Biology</i> , 2012, 10, e1001332.	5.6	55
14	Experimental Test of an Eco-Evolutionary Dynamic Feedback Loop between Evolution and Population Density in the Green Peach Aphid. <i>American Naturalist</i> , 2013, 181, S46-S57.	2.1	55
15	Percentage leaf herbivory across vascular plant species. <i>Ecology</i> , 2014, 95, 788-788.	3.2	53
16	Environmental factors influencing adult sex ratio in Trinidadian guppies. <i>Oecologia</i> , 2009, 159, 735-745.	2.0	42
17	Linking macro trends and microrates: Re-evaluating microevolutionary support for Cope's rule. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1345-1354.	2.3	34
18	On the Origin of Coexisting Species. <i>Trends in Ecology and Evolution</i> , 2021, 36, 284-293.	8.7	31

#	ARTICLE	IF	CITATIONS
19	Eco-evolutionary interaction between microbiome presence and rapid biofilm evolution determines plant host fitness. <i>Nature Ecology and Evolution</i> , 2021, 5, 670-676.	7.8	27
20	Bridging the gap between ecology and evolution: integrating density regulation and life-history evolution. <i>Annals of the New York Academy of Sciences</i> , 2010, 1206, 17-34.	3.8	25
21	Plant domestication slows pest evolution. <i>Ecology Letters</i> , 2015, 18, 907-915.	6.4	24
22	Pre- and post-fertilization maternal provisioning in livebearing fish species and their hybrids ( <i>Poeciliidae</i> : <i>Poeciliopsis</i> ). <i>Functional Ecology</i> , 2008, 22, 1118-1124.	3.6	12
23	Preference, performance, and impact of the water-lily aphid on multiple species of duckweed. <i>Ecological Entomology</i> , 2020, 45, 1466-1475.	2.2	10
24	Demographic responses underlying eco-evolutionary dynamics as revealed with inverse modelling. <i>Journal of Animal Ecology</i> , 2019, 88, 768-779.	2.8	7
25	Damage and recovery from drift of synthetic-auxin herbicide dicamba depends on concentration and varies among floral, vegetative, and lifetime traits in rapid cycling <i>Brassica rapa</i> . <i>Science of the Total Environment</i> , 2021, 801, 149732.	8.0	4