Peter J Morin

List of Publications by Year
in descending order

54	8,410	147801 31	175258 52
papers	citations	h-index	g-index

72	72	72	9768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbial biogeography: putting microorganisms on the map. Nature Reviews Microbiology, 2006, 4, 102-112.	28.6	2,434
2	Detritus, trophic dynamics and biodiversity. Ecology Letters, 2004, 7, 584-600.	6.4	948
3	Environmental warming alters food-web structure and ecosystem function. Nature, 1999, 402, 69-72.	27.8	705
4	Biodiversity regulates ecosystem predictability. Nature, 1997, 390, 162-165.	27.8	624
5	Predation, Competition, and the Composition of Larval Anuran Guilds. Ecological Monographs, 1983, 53, 119-138.	5.4	497
6	Biodiversity effects on ecosystem functioning: emerging issues and their experimental test in aquatic environments. Oikos, 2004, 104, 423-436.	2.7	320
7	Productivityâ€“biodiversity relationships depend on the history of community assembly. Nature, 2003, 424, 423-426.	27.8	257
8	Productivity controls food-chain properties in microbial communities. Nature, 1998, 395, 495-497.	27.8	182
9	The Impact of Fish Exclusion on the Abundance and Species Composition of Larval Odonates: Results of Short-Term Experiments in a North Carolina Farm Pond. Ecology, 1984, 65, 53-60.	3.2	173
10	Food Web Architecture and Population Dynamics in Laboratory Microcosms of Protists. American Naturalist, 1993, 141, 675-686.	2.1	166
11	BIODIVERSITY, DENSITY COMPENSATION, AND THE DYNAMICS OF POPULATIONS AND FUNCTIONAL GROUPS. Ecology, 2000, 81, 361-373.	3.2	146
12	Frontiers of Ecology. BioScience, 2001, 51, 15.	4.9	145
13	Temporal Overlap, Competition, and Priority Effects in Larval Anurans. Ecology, 1993, 74, 174-182.	3.2	137
14	Temporal stability of aquatic food webs: partitioning the effects of species diversity, species composition and enrichment. Ecology Letters, 2005, 8, 819-828.	6.4	125
15	Salamander Predation and the Structure of Experimental Communities: Anuran Responses. Ecology, 1983, 64, 1423-1429.	3.2	117
16	Temperature-dependent interactions explain unexpected responses to environmental warming in communities of competitors. Journal of Animal Ecology, 2004, 73, 569-576.	2.8	100
17	Predator Diet Breadth Influences the Relative Importance of Bottomâ€Up and Topâ€Down Control of Prey Biomass and Diversity. American Naturalist, 2005, 165, 350-363.	2.1	96
18	POPULATION AND COMMUNITY RESILIENCE IN MULTITROPHIC COMMUNITIES. Ecology, 2006, 87, 996-1007.	3.2	90

#	Article	IF	Citations
19	Biodiversity and ecosystem functioning in aquatic microbial systems: a new analysis of temporal variation and species richness-predictability relations. Oikos, 2004, 104, 458-466.	2.7	89
20	Thermal Physiology, Phenology, and Distribution of Tree Frogs. American Naturalist, 1988, 132, 506-520.	2.1	86
21	Food Web Architecture and Population Dynamics: Theory and Empirical Evidence. Annual Review of Ecology, Evolution, and Systematics, 1995, 26, 505-529.	6.7	86
22	Functional Redundancy, Non-Additive Interactions, and Supply-Side Dynamics in Experimental Pond Communities. Ecology, 1995, 76, 133-149.	3.2	80
23	Adaptive foragers and community ecology: linking individuals to communities and ecosystems. Functional Ecology, 2010, 24, 1-6.	3.6	64
24	Productivity gradients cause positive diversity-invasibility relationships in microbial communities. Ecology Letters, 2004, 7, 1047-1057.	6.4	60
25	Salamander Predation and the Structure of Experimental Communities: Responses of Notophthalmus and Microcrustacea. Ecology, 1983, 64, 1430-1436.	3.2	57
26	COLONIZATION HISTORY DETERMINES ALTERNATE COMMUNITY STATES IN A FOOD WEB OF INTRAGUILD PREDATORS. Ecology, 2004, 85, 1017-1028.	3.2	57
27	TESTS OF FUNCTIONAL EQUIVALENCE: COMPLEMENTARY ROLES OF SALAMANDERS AND FISH IN COMMUNITY ORGANIZATION. Ecology, 1998, 79, 477-489.	3.2	52
28	Occurrence and transmission efficiencies of Borrelia burgdorferi ospC types in avian and mammalian wildlife. Infection, Genetics and Evolution, 2014, 27, 594-600.	2.3	51
29	Competitive and Predatory Interactions in Natural and Experimental Populations of Notophthalmus viridescens dorsalis and Ambystoma tigrinum. Copeia, 1983, 1983, 628.	1.3	41
30	Species richness and allometric scaling jointly determine biomass in model aquatic food webs. Journal of Animal Ecology, 2006, 75, 1014-1023.	2.8	37
31	Biodiversity's ups and downs. Nature, 2000, 406, 463-464.	27.8	35
32	Evolution alters the consequences of invasions in experimental communities. Nature Ecology and Evolution, 2017, 1, 13.	7.8	35
33	COMMUNITY ECOLOGY AND THE GENETICS OF INTERACTING SPECIES. Ecology, 2003, 84, 577-580.	3.2	31
34	Foliar bacteria and soil fertility mediate seedling performance: a new and cryptic dimension of niche differentiation. Ecology, 2016, 97, 2998-3008.	3.2	29
35	Effects of organism size and community composition on ecosystem functioning. Ecology Letters, 2005, 8, 1271-1282.	6.4	27
36	Soil microbial community response to nitrogen enrichment in two scrub oak forests. Forest Ecology and Management, 2009, 258, 1383-1390.	3.2	26

#	Article	IF	Citations
37	Consequences and causes of geographic variation in the body size of a keystone predator,Notophthalmus viridescens. Oecologia, 1994, 99, 271-280.	2.0	23
38	Interactions between algae and the microbial loop in experimental microcosms. Oikos, 2001, 95, 231-238.	2.7	21
39	Influences of Host Community Characteristics on Borrelia burgdorferi Infection Prevalence in Blacklegged Ticks. PLoS ONE, 2017, 12, e0167810.	2.5	19
40	Phenotypic plasticity, intraguild predation and antiâ€cannibal defences in an enigmatic polymorphic ciliate. Functional Ecology, 2009, 23, 427-434.	3.6	18
41	Pervasive interactions between foliar microbes and soil nutrients mediate leaf production and herbivore damage in a tropical forest. New Phytologist, 2017, 216, 99-112.	7.3	18
42	Effects of Food Chain Length and Omnivory on Population Dynamics in Experimental Food Webs. , 1996, , 218-230.		18
43	Diversity in the deep blue sea. Nature, 2004, 429, 813-814.	27.8	10
44	The complexity of co-dependency. Nature, 2000, 403, 718-719.	27.8	9
45	Traitâ€mediated apparent competition in an intraguild predatorâ€“prey system. Oikos, 2014, 123, 567-574.	2.7	9
46	Evolution alters postâ€invasion temporal dynamics in experimental communities. Journal of Animal Ecology, 2020, 89, 285-298.	2.8	8
47	Biodiversity, Density Compensation, and the Dynamics of Populations and Functional Groups. Ecology, 2000, 81, 361.	3.2	8
48	Predators Induce Morphological Changes in Tadpoles of Hyla andersonii. Copeia, 2020, 108, 316.	1.3	6
49	Sex as an algal antiviral strategy. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15639-15640.	7.1	5
50	Community convergence in a simple microbial food web. Ecological Research, 2009, 24, 587-595.	1.5	5
51	Historical contingency and the role of postâ€invasion evolution in alternative community states. Ecology, 2022, 103, e3711.	3.2	5
52	Network topology and patch connectivity affect dynamics in experimental and model metapopulations. Journal of Animal Ecology, 2022, 91, 496-505.	2.8	5
53	Unraveling microbe-mediated interactions between mosquito larvae in a laboratory microcosm. Aquatic Ecology, 2014, 48, 179-189.	1.5	4
54	The consequences of body size in model microbial ecosystems. , 2007, , 245-265.		3