Eoin J O'gorman

List of Publications by Year
in descending order

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59 papers	3,305 citations	172207 29 h-index	161609 54 g-index
65 all docs	65 docs citations	65 times ranked	5185 citing authors

#	Article	IF	Citations
1	The Combined Effects of Warming and Body Size on the Stability of Predator-Prey Interactions. Frontiers in Ecology and Evolution, 2022, 9, .	1.1	7
2	Soil organic matter, rather than temperature, determines the structure and functioning of subarctic decomposer communities. Global Change Biology, 2022, 28, 3929-3943.	4.2	11
3	Metabolic plasticity can amplify ecosystem responses to global warming. Nature Communications, 2022, 13, 2161.	5.8	12
4	Seasonal variation in the invertebrate community and diet of a top fish predator in a thermally stable spring. Hydrobiologia, 2021, 848, 531-545.	1.0	10
5	Temperature affects both the Grinnellian and Eltonian dimensions of ecological niches â€“ A tale of two Arctic wolf spiders. Basic and Applied Ecology, 2021, 50, 132-143.	1.2	14
6	Multitrophic diversity sustains ecological complexity by dampening topâ€down control of a shallow marine benthic food web. Ecology, 2021, 102, e03274.	1.5	6
7	Temperature effects on the temporal dynamics of a subarctic invertebrate community. Journal of Animal Ecology, 2021, 90, 1217-1227.	1.3	3
8	The Importance of Diversity Across Multiple Trophic Levels: A Subtidal Experiment in an Irish Marine Reserve. Bulletin of the Ecological Society of America, 2021, 102, e01854.	0.2	0
9	The ecological impacts of multiple environmental stressors on coastal biofilm bacteria. Global Change Biology, 2021, 27, 3166-3178.	4.2	10
10	Thermal acclimation increases the stability of a predatorâ€“prey interaction in warmer environments. Global Change Biology, 2021, 27, 3765-3778.	4.2	19
11	Impacts of soil temperature, phenology and plant community composition on invertebrate herbivory in a natural warming experiment. Oikos, 2021, 130, 1572-1582.	1.2	4
12	Impacts of Warming on Reciprocal Subsidies Between Aquatic and Terrestrial Ecosystems. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	1
13	Using Food Webs and Metabolic Theory to Monitor, Model, and Manage Atlantic Salmonâ€"A Keystone Species Under Threat. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	6
14	Urbanisation affects ecosystem functioning more than structure in tropical streams. Biological Conservation, 2020, 249, 108634.	1.9	24
15	Extreme rainfall events alter the trophic structure in bromeliad tanks across the Neotropics. Nature Communications, 2020, 11, 3215.	5.8	33
16	Consistent temperature dependence of functional response parameters and their use in predicting population abundance. Journal of Animal Ecology, 2019, 88, 1670-1683.	1.3	23
17	A simple model predicts how warming simplifies wild food webs. Nature Climate Change, 2019, 9, 611-616.	8.1	50
18	Interactive effects of warming and microplastics on metabolism but not feeding rates of a key freshwater detritivore. Environmental Pollution, 2019, 255, 113259.	3.7	44

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19	Predator traits determine food-web architecture across ecosystems. Nature Ecology and Evolution, 2019, 3, 919-927.	3.4	157
20	Longâ€term exposure to higher temperature increases the thermal sensitivity of grazer metabolism and movement. Journal of Animal Ecology, 2019, 88, 833-844.	1.3	24
21	Soil temperature effects on the structure and diversity of plant and invertebrate communities in a natural warming experiment. Journal of Animal Ecology, 2018, 87, 634-646.	1.3	47
22	Changes in feeding selectivity of freshwater invertebrates across a natural thermal gradient. Environmental Epigenetics, 2018, 64, 231-242.	0.9	19
23	Persistence of environmental DNA in marine systems. Communications Biology, 2018, 1, 185.	2.0	256
24	Predicting the consequences of species loss using sizeâ€structured biodiversity approaches. Biological Reviews, 2017, 92, 684-697.	4.7	108
25	Unexpected changes in community size structure in a natural warming experiment. Nature Climate Change, 2017, 7, 659-663.	8.1	70
26	Interactive effects of temperature and habitat complexity on freshwater communities. Ecology and Evolution, 2017, 7, 9333-9346.	0.8	18
27	Temperature Effects on Biomass and Regeneration of Vegetation in a Geothermal Area. Frontiers in Plant Science, 2017, 8, 249.	1.7	27
28	Recovery and Nonrecovery of Freshwater Food Webs from the Effects of Acidification. Advances in Ecological Research, 2016, 55, 475-534.	1.4	18
29	Temperature effects on fish production across a natural thermal gradient. Global Change Biology, 2016, 22, 3206-3220.	4.2	95
30	It's only a matter of time: the altered role of subsidies in a warming world. Journal of Animal Ecology, 2016, 85, 1133-1135.	1.3	7
31	Navigating the complexity of ecological stability. Ecology Letters, 2016, 19, 1172-1185.	3.0	401
32	Weighting and indirect effects identify keystone species in food webs. Ecology Letters, 2016, 19, 1032-1040.	3.0	54
33	Sizeâ€balanced community reorganization in response to nutrients and warming. Global Change Biology, 2015, 21, 3971-3981.	4.2	10
34	Substratumâ€dependent responses of ciliate assemblages to temperature: a natural experiment in Icelandic streams. Freshwater Biology, 2015, 60, 1561-1570.	1.2	7
35	Integrating comparative functional response experiments into global change research. Journal of Animal Ecology, 2014, 83, 525-527.	1.3	3
36	Climate change and geothermal ecosystems: natural laboratories, sentinel systems, and future refugia. Global Change Biology, 2014, 20, 3291-3299.	4.2	92

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37	FORUM: Ecological networks: the missing links in biomonitoring science. Journal of Applied Ecology, 2014, 51, 1444-1449.	1.9	92
38	Cheddar: analysis and visualisation of ecological communities in R. Methods in Ecology and Evolution, 2013, 4, 99-104.	2.2	93
39	Diatoms can be an important exception to temperatureâ€“size rules at species and community levels of organization. Global Change Biology, 2013, 19, 3540-3552.	4.2	37
40	Impacts of the invasive alga Sargassum muticum on ecosystem functioning and food web structure. Biological Invasions, 2013, 15, 2563-2576.	1.2	61
41	Increased Stream Productivity with Warming Supports Higher Trophic Levels. Advances in Ecological Research, 2013, 48, 285-342.	1.4	25
42	Habitat Isolation Reduces the Temporal Stability of Island Ecosystems in the Face of Flood Disturbance. Advances in Ecological Research, 2013, 48, 225-284.	1.4	14
43	Multiple anthropogenic stressors and the structural properties of food webs. Ecology, 2012, 93, 441-448.	1.5	77
44	Climate-induced changes in bottom-up and top-down processes independently alter a marine ecosystem. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2962-2970.	1.8	76
45	Biodiversity, Species Interactions and Ecological Networks in a Fragmented World. Advances in Ecological Research, 2012, 46, 89-210.	1.4	284
46	Impacts of Warming on the Structure and Functioning of Aquatic Communities. Advances in Ecological Research, 2012, 47, 81-176.	1.4	106
47	Body Size Distribution of the Dinosaurs. PLoS ONE, 2012, 7, e51925.	1.1	63
48	Otolith geochemistry indicates life-long spatial population structuring in a deep-sea fish, Coryphaenoides rupestris. Marine Ecology - Progress Series, 2011, 435, 209-224.	0.9	32
49	Body massâ€“abundance relationships are robust to cascading effects in marine food webs. Oikos, 2011, 120, 520-528.	1.2	14
50	Loss of functionally unique species may gradually undermine ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1886-1893.	1.2	53
51	Interaction strength, food web topology and the relative importance of species in food webs. Journal of Animal Ecology, 2010, 79, 682-692.	1.3	64
52	From Broadstone to Zackenberg. Advances in Ecological Research, 2010, 42, 1-69.	1.4	73
53	Manipulating Interaction Strengths and the Consequences for Trivariate Patterns in a Marine Food Web. Advances in Ecological Research, 2010, , 301-419.	1.4	42
54	Ecological Networks in a Changing Climate. Advances in Ecological Research, 2010, , 71-138.	1.4	110

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55	Perturbations to trophic interactions and the stability of complex food webs. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13393-13398.	3.3	138
56	A functional guide to functional diversity measures. , 2009, , 49-59.		31
57	Biodiversity and the stability of ecosystem functioning. , 2009, , 78-93.		67
58	Predator diversity enhances secondary production and decreases the likelihood of trophic cascades. Oecologia, 2008, 158, 557-567.	0.9	53
59	Ecological Networks in the Scotia Sea: Structural Changes Across Latitude and Depth. Ecosystems, 0, , 1.	1.6	3