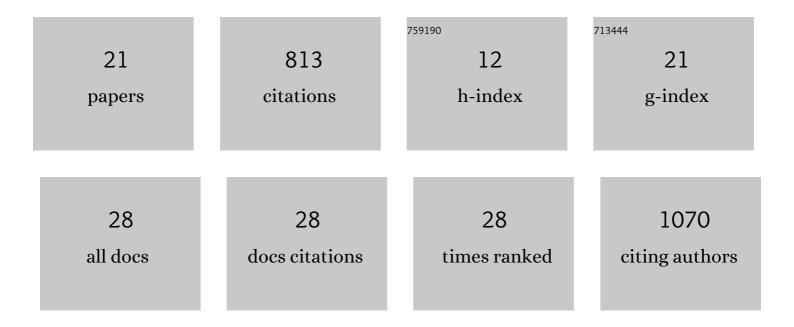
## **Daniel Padfield**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/861178/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Rapid evolution of metabolic traits explains thermal adaptation in phytoplankton. Ecology Letters, 2016, 19, 133-142.	6.4	260
2	Metabolic compensation constrains the temperature dependence of gross primary production. Ecology Letters, 2017, 20, 1250-1260.	6.4	73
3	<i>rTPC</i> and <i>nls.multstart</i> : A new pipeline to fit thermal performance curves in <scp>r</scp> . Methods in Ecology and Evolution, 2021, 12, 1138-1143.	5.2	73
4	Warming impairs trophic transfer efficiency in a long-term field experiment. Nature, 2021, 592, 76-79.	27.8	62
5	Community coalescence: an eco-evolutionary perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190252.	4.0	58
6	Temperature-dependent changes to host–parasite interactions alter the thermal performance of a bacterial host. ISME Journal, 2020, 14, 389-398.	9.8	46
7	Temperatureâ€driven selection on metabolic traits increases the strength of an algal–grazer interaction in naturally warmed streams. Global Change Biology, 2018, 24, 1793-1803.	9.5	36
8	Parallel evolution of Pseudomonas aeruginosa phage resistance and virulence loss in response to phage treatment in vivo and in vitro. ELife, 2022, 11, .	6.0	31
9	Role of carbon allocation efficiency in the temperature dependence of autotroph growth rates. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7361-E7368.	7.1	29
10	Experimental (co)evolution in a multiâ€species microbial community results in local maladaptation. Ecology Letters, 2020, 23, 1673-1681.	6.4	29
11	Linking phytoplankton community metabolism to the individual size distribution. Ecology Letters, 2018, 21, 1152-1161.	6.4	21
12	Postrelease movement and habitat selection of translocated pine martens <i>Martes martes</i> . Ecology and Evolution, 2020, 10, 5106-5118.	1.9	16
13	CMR <scp>net</scp> : An <scp>r</scp> package to derive networks of social interactions and movement from mark–recapture data. Methods in Ecology and Evolution, 2021, 12, 70-75.	5.2	12
14	Anthropogenic remediation of heavy metals selects against natural microbial remediation. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190804.	2.6	11
15	Evolution of diversity explains the impact of pre-adaptation of a focal species on the structure of a natural microbial community. ISME Journal, 2020, 14, 2877-2889.	9.8	9
16	A shared coevolutionary history does not alter the outcome of coalescence in experimental populations of <i>Pseudomonas fluorescens</i> . Journal of Evolutionary Biology, 2019, 32, 58-65.	1.7	8
17	The impact of propagule pressure on whole community invasions in biomethane-producing communities. IScience, 2021, 24, 102659.	4.1	7
18	Compost spatial heterogeneity promotes evolutionary diversification of a bacterium. Journal of Evolutionary Biology, 2021, 34, 246-255.	1.7	5

#	Article	IF	CITATIONS
19	Greater Phage Genotypic Diversity Constrains Arms-Race Coevolution. Frontiers in Cellular and Infection Microbiology, 2022, 12, 834406.	3.9	4
20	Disturbanceâ€mediated invasions are dependent on community resource abundance. Ecology, 2022, 103, e3728.	3.2	4
21	Associations between abundances of freeâ€roaming gamebirds and common buzzards <i>Buteo buteo</i> are not driven by consumption of gamebirds in the buzzard breeding season. Ecology and Evolution, 2022, 12, e8877.	1.9	4