

# Samuel B Fey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5970791/publications.pdf>

Version: 2024-02-01

27  
papers

1,027  
citations

687220

13  
h-index

526166

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent shifts in the occurrence, cause, and magnitude of animal mass mortality events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1083-1088.	3.3	250
2	The underâ€œ microbiome of seasonally frozen lakes. <i>Limnology and Oceanography</i> , 2013, 58, 1998-2012.	1.6	173
3	Life in the Frequency Domain: the Biological Impacts of Changes in Climate Variability at Multiple Time Scales. <i>Integrative and Comparative Biology</i> , 2016, 56, 14-30.	0.9	95
4	Fish die-offs are concurrent with thermal extremes in north temperate lakes. <i>Nature Climate Change</i> , 2019, 9, 637-641.	8.1	68
5	Temporal heterogeneity increases with spatial heterogeneity in ecological communities. <i>Ecology</i> , 2018, 99, 858-865.	1.5	56
6	Opportunities for behavioral rescue under rapid environmental change. <i>Global Change Biology</i> , 2019, 25, 3110-3120.	4.2	53
7	Gradual plasticity alters population dynamics in variable environments: thermal acclimation in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20171942.	1.2	46
8	Nutrient availability influences kairomone-induced defenses in <i>Scenedesmus acutus</i> (Chlorophyceae). <i>Journal of Plankton Research</i> , 2013, 35, 191-200.	0.8	29
9	Temperature-mediated biotic interactions influence enemy release of nonnative species in warming environments. <i>Ecology</i> , 2014, 95, 2246-2256.	1.5	29
10	Thermal sensitivity predicts the establishment success of nonnative species in a mesocosm warming experiment. <i>Ecology</i> , 2012, 93, 2313-2320.	1.5	24
11	Shifts in microbial food web structure and productivity after additions of naturally occurring dissolved organic matter: Results from largeâ€œscale lacustrine mesocosms. <i>Limnology and Oceanography</i> , 2015, 60, 2130-2144.	1.6	22
12	The long and the short of it: Mechanisms of synchronous and compensatory dynamics across temporal scales. <i>Ecology</i> , 2022, 103, e3650.	1.5	18
13	Linking biotic interactions and climate change to the success of exotic <i>Daphnia lumholtzi</i> . <i>Freshwater Biology</i> , 2011, 56, 2196-2209.	1.2	17
14	Resolving the consequences of gradual phenotypic plasticity for populations in variable environments. <i>Ecological Monographs</i> , 2021, 91, e01478.	2.4	17
15	The consequences of mass mortality events for the structure and dynamics of biological communities. <i>Oikos</i> , 2019, 128, 1679-1690.	1.2	15
16	The spatial synchrony of species richness and its relationship to ecosystem stability. <i>Ecology</i> , 2021, 102, e03486.	1.5	15
17	Recognizing crossâ€œecosystem responses to changing temperatures: soil warming impacts pelagic food webs. <i>Oikos</i> , 2015, 124, 1473-1481.	1.2	13
18	Zooplankton grazing of <i>Gloeotrichia echinulata</i> and associated life history consequences. <i>Journal of Plankton Research</i> , 2010, 32, 1337-1347.	0.8	12

#	ARTICLE	IF	CITATIONS
19	Thermal variability alters the impact of climate warming on consumer–resource systems. <i>Ecology</i> , 2016, 97, 1690-1699.	1.5	12
20	Autumn leaf subsidies influence spring dynamics of freshwater plankton communities. <i>Oecologia</i> , 2015, 178, 875-885.	0.9	11
21	Uncertainty in geographical estimates of performance and fitness. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1996-2008.	2.2	11
22	The temporal structure of the environment may influence range expansions during climate warming. <i>Global Change Biology</i> , 2017, 23, 635-645.	4.2	9
23	Course-based undergraduate research experiences in a remote setting: Two case studies documenting implementation and student perceptions. <i>Ecology and Evolution</i> , 2020, 10, 12528-12541.	0.8	9
24	Thermal acclimation influences the growth and toxin production of freshwater cyanobacteria. <i>Limnology and Oceanography Letters</i> , 2022, 7, 34-42.	1.6	8
25	Advancing Ecosystem Science by Promoting Greater Use of Theory and Multiple Research Approaches in Graduate Education. <i>Ecosystems</i> , 2017, 20, 267-273.	1.6	6
26	Streams in an uninhabited watershed have predictably different thermal sensitivities to variable summer air temperatures. <i>Freshwater Biology</i> , 2018, 63, 676-686.	1.2	5
27	Photoperiod influences the shape and scaling of freshwater phytoplankton responses to light and temperature. <i>Oikos</i> , 2022, 2022, .	1.2	4