

Kristien I Brans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2617007/publications.pdf>

Version: 2024-02-01

24
papers

1,279
citations

566801

15
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

1517
citing authors

#	ARTICLE	IF	CITATIONS
1	Body-size shifts in aquatic and terrestrial urban communities. <i>Nature</i> , 2018, 558, 113-116.	13.7	196
2	Urbanization drives cross-taxon declines in abundance and diversity at multiple spatial scales. <i>Global Change Biology</i> , 2020, 26, 1196-1211.	4.2	167
3	The heat is on: Genetic adaptation to urbanization mediated by thermal tolerance and body size. <i>Global Change Biology</i> , 2017, 23, 5218-5227.	4.2	141
4	Socio-eco-evolutionary dynamics in cities. <i>Evolutionary Applications</i> , 2021, 14, 248-267.	1.5	86
5	Adaptive Evolution in Cities: Progress and Misconceptions. <i>Trends in Ecology and Evolution</i> , 2021, 36, 239-257.	4.2	85
6	Analysing eco-evolutionary dynamics – The challenging complexity of the real world. <i>Functional Ecology</i> , 2019, 33, 43-59.	1.7	80
7	Taxonomic, functional and phylogenetic metacommunity ecology of cladoceran zooplankton along urbanization gradients. <i>Ecography</i> , 2018, 41, 183-194.	2.1	73
8	Urban hot-tubs: Local urbanization has profound effects on average and extreme temperatures in ponds. <i>Landscape and Urban Planning</i> , 2018, 176, 22-29.	3.4	65
9	Global urban environmental change drives adaptation in white clover. <i>Science</i> , 2022, 375, 1275-1281.	6.0	62
10	City life on fast lanes: Urbanization induces an evolutionary shift towards a faster lifestyle in the water flea <i>Daphnia</i> . <i>Functional Ecology</i> , 2018, 32, 2225-2240.	1.7	57
11	Genetic adaptation as a biological buffer against climate change: Potential and limitations. <i>Integrative Zoology</i> , 2018, 13, 372-391.	1.3	56
12	Eco-evolutionary dynamics in urbanized landscapes: evolution, species sorting and the change in zooplankton body size along urbanization gradients. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160030.	1.8	52
13	Microgeographic differentiation in thermal performance curves between rural and urban populations of an aquatic insect. <i>Evolutionary Applications</i> , 2017, 10, 1067-1075.	1.5	50
14	Urbanization drives genetic differentiation in physiology and structures the evolution of pace-of-life syndromes in the water flea <i>Daphnia magna</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180169.	1.2	31
15	Freshwater Bacterioplankton Metacommunity Structure Along Urbanization Gradients in Belgium. <i>Frontiers in Microbiology</i> , 2019, 10, 743.	1.5	17
16	Cryptic eco-evolutionary feedback in the city: Urban evolution of prey dampens the effect of urban evolution of the predator. <i>Journal of Animal Ecology</i> , 2022, 91, 514-526.	1.3	10
17	Genetic differentiation in pesticide resistance between urban and rural populations of a nontarget freshwater keystone interactor, <i>Daphnia magna</i> . <i>Evolutionary Applications</i> , 2021, 14, 2541-2552.	1.5	9
18	Interspecific differences, plastic, and evolutionary responses to a heat wave in three co-occurring <i>Daphnia</i> species. <i>Limnology and Oceanography</i> , 2021, 66, 1201-1220.	1.6	9

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19	Differential local genetic adaptation to pesticide use in organic and conventional agriculture in an aquatic non-target species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211903.	1.2	9
20	Terrestrial Locomotor Evolution in Urban Environments. , 2020, , 197-216.		7
21	Human-induced evolution: Signatures, processes and mechanisms underneath anthropogenic footprints on natural systems. <i>Evolutionary Applications</i> , 2021, 14, 2335-2341.	1.5	6
22	Host-parasite dynamics shaped by temperature and genotype: Quantifying the role of underlying vital rates. <i>Functional Ecology</i> , 2022, 36, 485-499.	1.7	3
23	Scared to evolve? Non-consumptive effects drive rapid adaptive evolution in a natural prey population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220188.	1.2	3
24	Food nutrient availability affects epibiont prevalence and richness in natural <i>Daphnia</i> populations. <i>Limnology and Oceanography</i> , 2020, 65, 2529-2540.	1.6	2