Pavel Kratina

List of Publications by Year
in descending order

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59 papers	2,752 citations	257101 24 h-index	197535 49 g-index
64 all docs	64 docs citations	64 times ranked	4036 citing authors

#	Article	IF	Citations
1	Geographical variation in the traitâ€based assembly patterns of multitrophic invertebrate communities. Functional Ecology, 2023, 37, 73-86.	1.7	2
2	Do microplastics mediate the effects of chemicals on aquatic organisms?. Aquatic Toxicology, 2022, 242, 106037.	1.9	10
3	High summer macrophyte cover increases abundance, growth, and feeding of juvenile Atlantic salmon. Ecological Applications, 2022, 32, e02492.	1.8	8
4	Predation increases multiple components of microbial diversity in activated sludge communities. ISME Journal, 2022, 16, 1086-1094.	4.4	18
5	Subtle structures with notâ€soâ€subtle functions: A data set of arthropod constructs and their host plants. Ecology, 2022, 103, e3639.	1.5	2
6	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
7	Climate variability and aridity modulate the role of leaf shelters for arthropods: A global experiment. Global Change Biology, 2022, 28, 3694-3710.	4.2	12
8	Climate influences the response of community functional traits to local conditions in bromeliad invertebrate communities. Ecography, 2021, 44, 440-452.	2.1	4
9	Forest conversion to oil palm compresses food chain length in tropical streams. Ecology, 2021, 102, e03199.	1.5	11
10	Seasonal feeding plasticity can facilitate coexistence of dominant omnivores in Neotropical streams. Reviews in Fish Biology and Fisheries, 2021, 31, 417-432.	2.4	13
11	Forest Conversion to Oil Palm Compresses Food Chain Length in Tropical Streams. Bulletin of the Ecological Society of America, 2021, 102, e01826.	0.2	0
12	A Metabolic Perspective of Stochastic Community Assembly. Trends in Ecology and Evolution, 2021, 36, 280-283.	4.2	17
13	Body size and shape responses to warming and resource competition. Functional Ecology, 2021, 35, 1460-1469.	1.7	16
14	Warming of aquatic ecosystems disrupts aquaticâ€“terrestrial linkages in the tropics. Journal of Animal Ecology, 2021, 90, 1623-1634.	1.3	11
15	The riverine bioreactor: An integrative perspective on biological decomposition of organic matter across riverine habitats. Science of the Total Environment, 2021, 772, 145494.	3.9	10
16	Pervasive decline of subtropical aquatic insects over 20 years driven by water transparency, non-native fish and stoichiometric imbalance. Biology Letters, 2021, 17, 20210137.	1.0	23
17	Selective Logging Shows No Impact on the Dietary Breadth of a Generalist Bat Species: The Fawn Leaf-Nosed Bat (Hipposideros cervinus). Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0
18	Regime shifts in a shallow lake over 12 years: Consequences for taxonomic and functional diversities, and ecosystem multifunctionality. Journal of Animal Ecology, 2021, , .	1.3	9

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19	Species niches, not traits, determine abundance and occupancy patterns: A multiâ€site synthesis. Global Ecology and Biogeography, 2020, 29, 295-308.	2.7	13
20	Above parr: Lowland river habitat characteristics associated with higher juvenile Atlantic salmon () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	8
21	The evolution of competitive ability for essential resources. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190247.	1.8	32
22	Extreme rainfall events alter the trophic structure in bromeliad tanks across the Neotropics. Nature Communications, 2020, 11, 3215.	5.8	33
23	Temperatureâ€mediated changes in zooplankton body size: large scale temporal and spatial analysis. Ecography, 2020, 43, 581-590.	2.1	36
24	Diversity and temperature indirectly reduce CO2 concentrations in experimental freshwater communities. Oecologia, 2020, 192, 515-527.	0.9	4
25	Ecosystem services provided by bromeliad plants: A systematic review. Ecology and Evolution, 2019, 9, 7360-7372.	0.8	37
26	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
27	Dome patterns in pelagic size spectra reveal strong trophic cascades. Nature Communications, 2019, 10, 4396.	5.8	23
28	The intrinsic predictability of ecological time series and its potential to guide forecasting. Ecological Monographs, 2019, 89, e01359.	2.4	74
29	Temperatureâ€dependence of minimum resource requirements alters competitive hierarchies in phytoplankton. Oikos, 2019, 128, 1194-1205.	1.2	18
30	Land use alters trophic redundancy and resource flow through stream food webs. Journal of Animal Ecology, 2019, 88, 677-689.	1.3	40
31	Diet tracing in ecology: Method comparison and selection. Methods in Ecology and Evolution, 2018, 9, 278-291.	2.2	320
32	Global predation pressure redistribution under future climate change. Nature Climate Change, 2018, 8, 1087-1091.	8.1	53
33	Landscape heterogeneity strengthens the relationship between Î²â€diversity and ecosystem function. Ecology, 2018, 99, 2467-2475.	1.5	28
34	Constraints on the functional trait space of aquatic invertebrates in bromeliads. Functional Ecology, 2018, 32, 2435-2447.	1.7	41
35	A Replicated Network Approach to â€˜Big Dataâ€™ in Ecology. Advances in Ecological Research, 2018, 59, 225-264.	1.4	15
36	Food consumption of the invasive amphipod Dikerogammarus villosus in field mesocosms and its effects on leaf decomposition and periphyton. Aquatic Invasions, 2018, 13, 261-275.	0.6	10

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37	Environmental control of the microfaunal community structure in tropical bromeliads. Ecology and Evolution, 2017, 7, 1627-1634.	0.8	19
38	Resources Alter the Structure and Increase Stochasticity in Bromeliad Microfauna Communities. PLoS ONE, 2015, 10, e0118952.	1.1	10
39	Warming alters food web-driven changes in the CO ₂ flux of experimental pond ecosystems. Biology Letters, 2015, 11, 20150785.	1.0	10
40	The Body Size Dependence of Trophic Cascades. American Naturalist, 2015, 185, 354-366.	1.0	110
41	Biotic invasions can alter nutritional composition of zooplankton communities. Oikos, 2015, 124, 1337-1345.	1.2	10
42	Food web persistence is enhanced by non-trophic interactions. Oecologia, 2015, 178, 549-556.	0.9	36
43	Dominant predators mediate the impact of habitat size on trophic structure in bromeliad invertebrate communities. Ecology, 2015, 96, 428-439.	1.5	68
44	Humanâ€induced biotic invasions and changes in plankton interaction networks. Journal of Applied Ecology, 2014, 51, 1066-1074.	1.9	19
45	Food web complexity and stability across habitat connectivity gradients. Oecologia, 2014, 176, 903-915.	0.9	27
46	Synchronous dynamics of zooplankton competitors prevail in temperate lake ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140633.	1.2	50
47	A bioenergetic framework for the temperature dependence of trophic interactions. Ecology Letters, 2014, 17, 902-914.	3.0	268
48	Is dispersal limitation more prevalent in the ocean?. Oikos, 2013, 122, 298-300.	1.2	14
49	Predator-induced reduction of freshwater carbon dioxide emissions. Nature Geoscience, 2013, 6, 191-194.	5.4	84
50	Warming shifts top-down and bottom-up control of pond food web structure and function. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 3008-3017.	1.8	247
51	Warming modifies trophic cascades and eutrophication in experimental freshwater communities. Ecology, 2012, 93, 1421-1430.	1.5	224
52	Stability and persistence of food webs with omnivory: Is there a general pattern?. Ecosphere, 2012, 3, 1-18.	1.0	94
53	Warming, eutrophication, and predator loss amplify subsidies between aquatic and terrestrial ecosystems. Global Change Biology, 2012, 18, 504-514.	4.2	138
54	INTRAGUILD PREDATION DRIVES EVOLUTIONARY NICHE SHIFT IN THREESPINE STICKLEBACK. Evolution; International Journal of Organic Evolution, 2012, 66, 1819-1832.	1.1	68

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55	Precise time interactions between behavioural and morphological defences. Oikos, 2010, 119, 494-499.	1.2	18
56	Stronger inducible defences enhance persistence of intraguild prey. Journal of Animal Ecology, 2010, 79, 993-999.	1.3	24
57	Functional responses modified by predator density. Oecologia, 2009, 159, 425-433.	0.9	124
58	Non-lethal presence of predators modifies morphology and movement rates in Euplotes. Hydrobiologia, 2009, 621, 183-189.	1.0	16
59	SPECIES DIVERSITY MODULATES PREDATION. Ecology, 2007, 88, 1917-1923.	1.5	67