William K Petry

List of Publications by Year
in descending order

18	1,374	623734 14	839539 18
papers	citations	h-index	g-index

19	19	19	2745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rcompadre and Rageâ€"Two R packages to facilitate the use of the COMPADRE and COMADRE databases and calculation of lifeâ€history traits from matrix population models. Methods in Ecology and Evolution, 2022, 13, 770-781.	5.2	13
2	Snow melt timing acts independently and in conjunction with temperature accumulation to drive subalpine plant phenology. Global Change Biology, 2021, 27, 5054-5069.	9.5	15
3	Phenotypic plasticity masks rangeâ€wide genetic differentiation for vegetative but not reproductive traits in a shortâ€lived plant. Ecology Letters, 2021, 24, 2378-2393.	6.4	21
4	Global gene flow releases invasive plants from environmental constraints on genetic diversity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4218-4227.	7.1	108
5	Inducibility of chemical defences in young oak trees is stronger in species with high elevational ranges. Tree Physiology, 2019, 39, 606-614.	3.1	15
6	Elevational gradients in plant defences and insect herbivory: recent advances in the field and prospects for future research. Ecography, 2018, 41, 1485-1496.	4.5	97
7	Global predation pressure redistribution under future climate change. Nature Climate Change, 2018, 8, 1087-1091.	18.8	53
8	Interspecific variation in leaf functional and defensive traits in oak species and its underlying climatic drivers. PLoS ONE, 2018, 13, e0202548.	2.5	33
9	A competitionâ€"defence tradeâ€off both promotes and weakens coexistence in an annual plant community. Journal of Ecology, 2018, 106, 1806-1818.	4.0	47
10	Interaction rewiring and the rapid turnover of plantâ€"pollinator networks. Ecology Letters, 2017, 20, 385-394.	6.4	246
11	Higher predation risk for insect prey at low latitudes and elevations. Science, 2017, 356, 742-744.	12.6	353
12	Plant defence responses to volatile alert signals are populationâ€specific. Oikos, 2016, 125, 950-956.	2.7	21
13	Sex-specific responses to climate change in plants alter population sex ratio and performance. Science, 2016, 353, 69-71.	12.6	81
14	Tradeâ€offs between constitutive and induced defences drive geographical and climatic clines in pine chemical defences. Ecology Letters, 2014, 17, 537-546.	6.4	187
15	Mechanisms underlying plant sexual dimorphism in multiâ€trophic arthropod communities. Ecology, 2013, 94, 2055-2065.	3.2	19
16	Plant sex and induced responses independently influence herbivore performance, natural enemies and aphid-tending ants. Arthropod-Plant Interactions, 2012, 6, 553-560.	1.1	11
17	Influence of macronutrient imbalance on native ant foraging and interspecific interactions in the field. Ecological Entomology, 2012, 37, 175-183.	2.2	18
18	A quantitative comparison of two sample methods for collecting Amblyomma americanum and Dermacentor variabilis (Acari: Ixodidae) in Missouri. Experimental and Applied Acarology, 2010, 52, 427-438.	1.6	29