

William K Petry

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,374
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

2745
citing authors

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