Peter D Wragg

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8311579/publications.pdf

Version: 2024-02-01

39 papers	3,593 citations	236925 25 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	5653 citing authors

#	Article	IF	Citations
1	Herbivores and nutrients control grassland plant diversity via light limitation. Nature, 2014, 508, 517-520.	27.8	669
2	Productivity Is a Poor Predictor of Plant Species Richness. Science, 2011, 333, 1750-1753.	12.6	463
3	Grassland productivity limited by multiple nutrients. Nature Plants, 2015, 1, 15080.	9.3	403
4	Addition of multiple limiting resources reduces grassland diversity. Nature, 2016, 537, 93-96.	27.8	355
5	Lifeâ€history constraints in grassland plant species: a growthâ€defence tradeâ€off is the norm. Ecology Letters, 2013, 16, 513-521.	6.4	165
6	Plant diversity effects on soil microbial functions and enzymes are stronger than warming in a grassland experiment. Ecology, 2015, 96, 99-112.	3.2	144
7	Anthropogenic nitrogen deposition predicts local grassland primary production worldwide. Ecology, 2015, 96, 1459-1465.	3.2	143
8	Plant speciesâ€™ origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. Nature Communications, 2015, 6, 7710.	12.8	143
9	Traits linked with species invasiveness and community invasibility vary with time, stage and indicator of invasion in a longâ€term grassland experiment. Ecology Letters, 2019, 22, 593-604.	6.4	103
10	Leaf nutrients, not specific leaf area, are consistent indicators of elevated nutrient inputs. Nature Ecology and Evolution, 2019, 3, 400-406.	7.8	97
11	Shifting grassland plant community structure drives positive interactive effects of warming and diversity on aboveground net primary productivity. Global Change Biology, 2016, 22, 741-749.	9.5	77
12	Transition from wind pollination to insect pollination in sedges: experimental evidence and functional traits. New Phytologist, 2011, 191, 1128-1140.	7.3	70
13	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. Global Change Biology, 2013, 19, 3677-3687.	9.5	70
14	Nitrogen and Phosphorus Additions Alter the Abundance of Phosphorus-Solubilizing Bacteria and Phosphatase Activity in Grassland Soils. Frontiers in Environmental Science, 2019, 7, .	3.3	63
15	Microbial carbon use efficiency in grassland soils subjected to nitrogen and phosphorus additions. Soil Biology and Biochemistry, 2020, 146, 107815.	8.8	58
16	Climate warming promotes species diversity, but with greater taxonomic redundancy, in complex environments. Science Advances, 2017, 3, e1700866.	10.3	50
17	Using revegetation to suppress invasive plants in grasslands and forests. Journal of Applied Ecology, 2018, 55, 2362-2373.	4.0	47
18	Forbs, grasses, and grassland fire behaviour. Journal of Ecology, 2018, 106, 1983-2001.	4.0	45

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19	Responses to fire differ between <scp>S</scp>outh <scp>A</scp>frican and <scp>N</scp>orth <scp>A</scp>merican grassland communities. Journal of Vegetation Science, 2014, 25, 793-804.	2.2	44
20	Herbivory and eutrophication mediate grassland plant nutrient responses across a global climatic gradient. Ecology, 2018, 99, 822-831.	3.2	42
21	Negative effects of nitrogen override positive effects of phosphorus on grassland legumes worldwide. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
22	Microbial substrate stoichiometry governs nutrient effects on nitrogen cycling in grassland soils. Soil Biology and Biochemistry, 2021, 155, 108168.	8.8	35
23	Belowground Biomass Response to Nutrient Enrichment Depends on Light Limitation Across Globally Distributed Grasslands. Ecosystems, 2019, 22, 1466-1477.	3.4	34
24	Response to Comments on â€œProductivity Is a Poor Predictor of Plant Species Richnessâ€. Science, 2012, 335, 1441-1441.	12.6	30
25	More than eating dirt: a review of avian geophagy. African Zoology, 2019, 54, 1-19.	0.4	29
26	Soil properties as key predictors of global grassland production: Have we overlooked micronutrients?. Ecology Letters, 2021, 24, 2713-2725.	6.4	28
27	DO TRADE-OFFS HAVE EXPLANATORY POWER FOR THE EVOLUTION OF ORGANISMAL INTERACTIONS?. Evolution; International Journal of Organic Evolution, 2012, 66, 1297-1307.	2.3	27
28	Phenological responses of prairie plants vary among species and year in a threeâ€year experimental warming study. Ecosphere, 2015, 6, 1-15.	2.2	23
29	New evidence for bee-pollination systems in Aloe (Asphodelaceae: Aloideae), a predominantly bird-pollinated genus. South African Journal of Botany, 2009, 75, 675-681.	2.5	21
30	Vegetative traits predict grass species' invasiveness and the invasibility of restored grassland. African Journal of Range and Forage Science, 2009, 26, 59-68.	1.4	15
31	Studies in Cyperaceae in southern Africa 42: Pseudo-vivipary in South African Cyperaceae. South African Journal of Botany, 2009, 75, 165-171.	2.5	15
32	Phenology matters: Extended spring and autumn canopy cover increases biotic resistance of forests to invasion by common buckthorn (Rhamnus cathartica). Forest Ecology and Management, 2020, 464, 118067.	3.2	14
33	Quantifying the environmental limits to fire spread in grassy ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
34	Increased light availability due to forestry mowing of invasive European buckthorn promotes its regeneration. Restoration Ecology, 2020, 28, 475-482.	2.9	5
35	Revegetation to slow buckthorn reinvasion: strengths and limits of evaluating management techniques retrospectively. Restoration Ecology, 2021, 29, .	2.9	5
36	Phenological niche overlap between invasive buckthorn (Rhamnus cathartica) and native woody species. Forest Ecology and Management, 2021, 498, 119568.	3.2	5

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37	Multiple nutrients control threatened grassland vegetation in eastern South Africa. South African Journal of Botany, 2017, 112, 225-236.	2.5	4
38	Fosamine ammonium impacts on the targeted invasive shrub Rhamnus cathartica and non-target herbs. Invasive Plant Science and Management, 2020, 13, 210-215.	1.1	3
39	Holocene book review: Grasses and grassland ecology. Holocene, 2009, 19, 1101-1102.	1.7	0