

James Val

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,682
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

3918
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Species Richness and Ecosystem Multifunctionality in Global Drylands. <i>Science</i> , 2012, 335, 214-218.	12.6	1,043
2	Decoupling of soil nutrient cycles as a function of aridity in global drylands. <i>Nature</i> , 2013, 502, 672-676.	27.8	733
3	Change in dominance determines herbivore effects on plant biodiversity. <i>Nature Ecology and Evolution</i> , 2018, 2, 1925-1932.	7.8	140
4	Do grazing intensity and herbivore type affect soil health? Insights from a semi-arid productivity gradient. <i>Journal of Applied Ecology</i> , 2017, 54, 976-985.	4.0	114
5	Synchrony matters more than species richness in plant community stability at a global scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24345-24351.	7.1	113
6	Biocrust-forming mosses mitigate the negative impacts of increasing aridity on ecosystem multifunctionality in drylands. <i>New Phytologist</i> , 2016, 209, 1540-1552.	7.3	101
7	Competition drives the response of soil microbial diversity to increased grazing by vertebrate herbivores. <i>Ecology</i> , 2017, 98, 1922-1931.	3.2	96
8	Grazing dampens the positive effects of shrub encroachment on ecosystem functions in a semi-arid woodland. <i>Journal of Applied Ecology</i> , 2013, 50, 1028-1038.	4.0	81
9	Livestock activity increases exotic plant richness, but wildlife increases native richness, with stronger effects under low productivity. <i>Journal of Applied Ecology</i> , 2018, 55, 766-776.	4.0	34
10	Livestock grazing reinforces the competitive exclusion of small-bodied birds by large aggressive birds. <i>Journal of Applied Ecology</i> , 2018, 55, 1919-1929.	4.0	29
11	Grazing Regulates the Spatial Heterogeneity of Soil Microbial Communities Within Ecological Networks. <i>Ecosystems</i> , 2020, 23, 932-942.	3.4	29
12	Abiotic effects predominate under prolonged livestock-induced disturbance. <i>Austral Ecology</i> , 2011, 36, 367-377.	1.5	28
13	Microsite and grazing intensity drive infiltration in a semiarid woodland. <i>Ecohydrology</i> , 2017, 10, e1831.	2.4	23
14	Introduced and native herbivores have different effects on plant composition in low productivity ecosystems. <i>Applied Vegetation Science</i> , 2018, 21, 45-54.	1.9	23
15	Experimental evidence of strong relationships between soil microbial communities and plant germination. <i>Journal of Ecology</i> , 2021, 109, 2488-2498.	4.0	17
16	Horse Activity is Associated with Degraded Subalpine Grassland Structure and Reduced Habitat for a Threatened Rodent. <i>Rangeland Ecology and Management</i> , 2019, 72, 467-473.	2.3	16
17	Rabbits and livestock grazing alter the structure and composition of mid-storey plants in a wooded dryland. <i>Agriculture, Ecosystems and Environment</i> , 2019, 277, 53-60.	5.3	15
18	Directional trends in species composition over time can lead to a widespread overemphasis of year-to-year asynchrony. <i>Journal of Vegetation Science</i> , 2020, 31, 792-802.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Recent grazing reduces reptile richness but historic grazing filters reptiles based on their functional traits. <i>Journal of Applied Ecology</i> , 2019, 56, 833-842.	4.0	12
20	Perennial plant patches are sinks for seeds in semi-arid woodlands in varying condition. <i>Applied Vegetation Science</i> , 2020, 23, 377-385.	1.9	10
21	Livestock and kangaroo grazing have little effect on biomass and fuel hazard in semi-arid woodlands. <i>Forest Ecology and Management</i> , 2020, 467, 118165.	3.2	5
22	LOTVS: A global collection of permanent vegetation plots. <i>Journal of Vegetation Science</i> , 2022, 33, .	2.2	4
23	Invasion of an exotic annual forb affects grass-feeding termites in a semi-arid woodland. <i>Austral Ecology</i> , 2022, 47, 997-1005.	1.5	1