Mark

List of Publications by Year
in descending order

18 papers	631 citations	840776 11 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	1185 citing authors

#	Article	IF	Citations
1	Unlocking plant resources to support food security and promote sustainable agriculture. Plants People Planet, 2020, 2, 421-445.	3.3	130
2	A global comparison of grassland biomass responses to CO ₂ and nitrogen enrichment. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2047-2056.	4.0	125
3	A global comparison of the nutritive values of forage plants grown in contrasting environments. Journal of Plant Research, 2018, 131, 641-654.	2.4	97
4	Forage quality declines with rising temperatures, with implications for livestock production and methane emissions. Biogeosciences, 2017, 14, 1403-1417.	3.3	81
5	Effects of roads on adjacent plant community composition and ecosystem function: An example from three calcareous ecosystems. Environmental Pollution, 2012, 163, 273-280.	7.5	40
6	Plant and arthropod community sensitivity to rainfall manipulation but not nitrogen enrichment in a successional grassland ecosystem. Oecologia, 2014, 176, 1173-1185.	2.0	24
7	The state of the worldâ€™s urban ecosystems: What can we learn from trees, fungi, and bees?. Plants People Planet, 2020, 2, 482-498.	3.3	23
8	A comparison of milk yields and methane production from three contrasting highâ€yielding dairy cattle feeding regimes: Cutâ€andâ€carry, partial grazing and total mixed ration. Grass and Forage Science, 2018, 73, 789-797.	2.9	19
9	Direct and indirect effects of roads and road vehicles on the plant community composition of calcareous grasslands. Environmental Pollution, 2013, 176, 106-113.	7.5	16
10	A framework for predicting soft-fruit yields and phenology using embedded, networked microsensors, coupled weather models and machine-learning techniques. Computers and Electronics in Agriculture, 2020, 168, 105103.	7.7	16
11	Resistance of Multiple Diploid and Tetraploid Perennial Ryegrass (Lolium perenne L.) Varieties to Three Projected Drought Scenarios for the UK in 2080. Agronomy, 2019, 9, 159.	3.0	15
12	The Self-Supervised Spectralâ€“Spatial Vision Transformer Network for Accurate Prediction of Wheat Nitrogen Status from UAV Imagery. Remote Sensing, 2022, 14, 1400.	4.0	13
13	Impact of management regime and frequency on the survival and productivity of four native tree species used for fuelwood and charcoal in the caatinga of northeast Brazil. Biomass and Bioenergy, 2018, 116, 18-25.	5.7	10
14	A model-data fusion approach to analyse carbon dynamics in managed grasslands. Agricultural Systems, 2020, 184, 102907.	6.1	7
15	A time-series of methane and carbon dioxide production from dairy cows during a period of dietary transition. Cogent Environmental Science, 2017, 3, 1385693.	1.6	5
16	Routes to achieving sustainable intensification in simulated dairy farms: The importance of production efficiency and complimentary land uses. Journal of Applied Ecology, 2019, 56, 1128-1139.	4.0	4
17	Relationships between resource availability and elevation vary between metrics creating gradients of nutritional complexity. Oecologia, 2021, 195, 213-223.	2.0	3
18	Browse from Three Tree Legumes Increases Forage Production for Cattle in a Silvopastoral System in the Southwest Amazon. Animals, 2021, 11, 3585.	2.3	3