Marjan Jongen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7672708/publications.pdf

Version: 2024-02-01

22	705	623734	677142
papers	citations	14 h-index	22 g-index

22	22	22	1107
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate control of terrestrial carbon exchange across biomes and continents. Environmental Research Letters, 2010, 5, 034007.	5.2	137
2	The effects of drought and timing of precipitation on the inter-annual variation in ecosystem-atmosphere exchange in a Mediterranean grassland. Agricultural and Forest Meteorology, 2011, 151, 595-606.	4.8	119
3	The effects of elevated CO2 concentrations on the root growth of Lolium perenne and Trifolium repens grown in a FACE* system. Global Change Biology, 1995, 1, 361-371.	9.5	90
4	Effects of elevated carbon dioxide and arbuscular mycorrhizal infection onTrifolium repens. New Phytologist, 1996, 132, 413-423.	7.3	56
5	Ethanol stimulates phospholipid turnover and inositol 1,4,5-trisphosphate production in Chlamydomonas eugametos gametes. Planta, 1992, 186, 442-449.	3.2	33
6	Soil water availability strongly modulates soil CO2 efflux in different Mediterranean ecosystems: Model calibration using the Bayesian approach. Agriculture, Ecosystems and Environment, 2012, 161, 88-100.	5.3	30
7	Resilience of montado understorey to experimental precipitation variability fails under severe natural drought. Agriculture, Ecosystems and Environment, 2013, 178, 18-30.	5.3	30
8	Precipitation variability does not affect soil respiration and nitrogen dynamics in the understorey of a Mediterranean oak woodland. Plant and Soil, 2013, 372, 235-251.	3.7	27
9	Effects of Elevated Carbon Dioxide on Plant Biomass Production and Competition in a Simulated Neutral Grassland Community. Annals of Botany, 1998, 82, 111-123.	2.9	25
10	Consequences of Changing Precipitation Patterns for Ecosystem Functioning in Grasslands: A Review. Progress in Botany Fortschritte Der Botanik, 2015, , 347-393.	0.3	25
11	Effects of elevated carbon dioxide concentrations on agricultural grassland production. Agricultural and Forest Meteorology, 1996, 79, 243-252.	4.8	22
12	The impact of changes in the timing of precipitation on the herbaceous understorey of Mediterranean evergreen oak woodlands. Agricultural and Forest Meteorology, 2013, 171-172, 163-173.	4.8	22
13	Modeling Soil Water Dynamics and Pasture Growth in the Montado Ecosystem Using MOHID Land. Water (Switzerland), 2018, 10, 489.	2.7	16
14	Can arbuscular mycorrhizal fungi mitigate drought stress in annual pasture legumes?. Plant and Soil, 2022, 472, 295-310.	3.7	15
15	Sensitivity of temperate grassland species to elevated atmospheric CO2 and the interaction with temperature and water stress. Agricultural and Food Science, 1996, 5, 271-283.	0.9	14
16	Estimating soil organic carbon of sown biodiverse permanent pastures in Portugal using near infrared spectral data and artificial neural networks. Geoderma, 2021, 404, 115387.	5.1	12
17	Speciesâ€specific adaptations explain resilience of herbaceous understorey to increased precipitation variability in a M editerranean oak woodland. Ecology and Evolution, 2015, 5, 4246-4262.	1.9	11
18	Overwhelming effects of autumn-time drought during seedling establishment impair recovery potential in sown and semi-natural pastures in Portugal. Plant Ecology, 2019, 220, 183-197.	1.6	8

#	Article	IF	Citations
19	Effects of precipitation variability on carbon and water fluxes in the understorey of a nitrogen-limited montado ecosystem. Oecologia, 2014, 176, 1199-1212.	2.0	4
20	Evaluation of Near Infrared Spectroscopy (NIRS) for Estimating Soil Organic Matter and Phosphorus in Mediterranean Montado Ecosystem. Sustainability, 2021, 13, 2734.	3.2	4
21	Arbuscular Mycorrhizal Fungi and Nutrition Determine the Outcome of Competition Between Lolium multiflorum and Trifolium subterraneum. Frontiers in Plant Science, 2021, 12, 778861.	3.6	4
22	The effect of drought and subsequent precipitation pulse on productivity, species composition, and carbon fluxes of the herbaceous understorey in a cork oak woodland. Nature Precedings, 2009, , .	0.1	1