

Marjan Jongen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

705
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623734

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1107
citing authors

#	ARTICLE	IF	CITATIONS
1	Can arbuscular mycorrhizal fungi mitigate drought stress in annual pasture legumes?. <i>Plant and Soil</i> , 2022, 472, 295-310.	3.7	15
2	Evaluation of Near Infrared Spectroscopy (NIRS) for Estimating Soil Organic Matter and Phosphorus in Mediterranean Montado Ecosystem. <i>Sustainability</i> , 2021, 13, 2734.	3.2	4
3	Estimating soil organic carbon of sown biodiverse permanent pastures in Portugal using near infrared spectral data and artificial neural networks. <i>Geoderma</i> , 2021, 404, 115387.	5.1	12
4	Arbuscular Mycorrhizal Fungi and Nutrition Determine the Outcome of Competition Between <i>Lolium multiflorum</i> and <i>Trifolium subterraneum</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 778861.	3.6	4
5	Overwhelming effects of autumn-time drought during seedling establishment impair recovery potential in sown and semi-natural pastures in Portugal. <i>Plant Ecology</i> , 2019, 220, 183-197.	1.6	8
6	Modeling Soil Water Dynamics and Pasture Growth in the Montado Ecosystem Using MOHID Land. Water (Switzerland), 2018, 10, 489.	2.7	16
7	Species-specific adaptations explain resilience of herbaceous understorey to increased precipitation variability in a Mediterranean oak woodland. <i>Ecology and Evolution</i> , 2015, 5, 4246-4262.	1.9	11
8	Consequences of Changing Precipitation Patterns for Ecosystem Functioning in Grasslands: A Review. <i>Progress in Botany Fortschritte Der Botanik</i> , 2015, , 347-393.	0.3	25
9	Effects of precipitation variability on carbon and water fluxes in the understorey of a nitrogen-limited montado ecosystem. <i>Oecologia</i> , 2014, 176, 1199-1212.	2.0	4
10	Precipitation variability does not affect soil respiration and nitrogen dynamics in the understorey of a Mediterranean oak woodland. <i>Plant and Soil</i> , 2013, 372, 235-251.	3.7	27
11	Resilience of montado understorey to experimental precipitation variability fails under severe natural drought. <i>Agriculture, Ecosystems and Environment</i> , 2013, 178, 18-30.	5.3	30
12	The impact of changes in the timing of precipitation on the herbaceous understorey of Mediterranean evergreen oak woodlands. <i>Agricultural and Forest Meteorology</i> , 2013, 171-172, 163-173.	4.8	22
13	Soil water availability strongly modulates soil CO ₂ efflux in different Mediterranean ecosystems: Model calibration using the Bayesian approach. <i>Agriculture, Ecosystems and Environment</i> , 2012, 161, 88-100.	5.3	30
14	The effects of drought and timing of precipitation on the inter-annual variation in ecosystem-atmosphere exchange in a Mediterranean grassland. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 595-606.	4.8	119
15	Climate control of terrestrial carbon exchange across biomes and continents. <i>Environmental Research Letters</i> , 2010, 5, 034007.	5.2	137
16	The effect of drought and subsequent precipitation pulse on productivity, species composition, and carbon fluxes of the herbaceous understorey in a cork oak woodland. <i>Nature Precedings</i> , 2009, , .	0.1	1
17	Effects of Elevated Carbon Dioxide on Plant Biomass Production and Competition in a Simulated Neutral Grassland Community. <i>Annals of Botany</i> , 1998, 82, 111-123.	2.9	25
18	Effects of elevated carbon dioxide concentrations on agricultural grassland production. <i>Agricultural and Forest Meteorology</i> , 1996, 79, 243-252.	4.8	22

#	ARTICLE	IF	CITATIONS
19	Effects of elevated carbon dioxide and arbuscular mycorrhizal infection on <i>Trifolium repens</i> . <i>New Phytologist</i> , 1996, 132, 413-423.	7.3	56
20	Sensitivity of temperate grassland species to elevated atmospheric CO ₂ and the interaction with temperature and water stress. <i>Agricultural and Food Science</i> , 1996, 5, 271-283.	0.9	14
21	The effects of elevated CO ₂ concentrations on the root growth of <i>Lolium perenne</i> and <i>Trifolium repens</i> grown in a FACE* system. <i>Global Change Biology</i> , 1995, 1, 361-371.	9.5	90
22	Ethanol stimulates phospholipid turnover and inositol 1,4,5-trisphosphate production in <i>Chlamydomonas eugametos</i> gametes. <i>Planta</i> , 1992, 186, 442-449.	3.2	33