

Elena Granda

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,598
citations

331642

21
h-index

377849

34
g-index

36
all docs

36
docs citations

36
times ranked

5761
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of widespread non-native trees on regulating ecosystem services. <i>Science of the Total Environment</i> , 2021, 778, 146141.	8.0	28
2	Leaf vein density enhances vascular redundancy instead of carbon uptake at the expense of increasing water leaks in oaks. <i>Environmental and Experimental Botany</i> , 2021, 188, 104527.	4.2	3
3	Differences in temperature sensitivity and drought recovery between natural stands and plantations of conifers are species-specific. <i>Science of the Total Environment</i> , 2021, 796, 148930.	8.0	19
4	Impacts of recurrent dry and wet years alter long-term tree growth trajectories. <i>Journal of Ecology</i> , 2021, 109, 1561-1574.	4.0	22
5	Day length regulates seasonal patterns of stomatal conductance in <i>Quercus</i> species. <i>Plant, Cell and Environment</i> , 2020, 43, 28-39.	5.7	10
6	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
7	Radiation and Drought Impact Residual Leaf Conductance in Two Oak Species With Implications for Water Use Models. <i>Frontiers in Plant Science</i> , 2020, 11, 603581.	3.6	4
8	Assessing the potential functions of nocturnal stomatal conductance in C_3 and C_4 plants. <i>New Phytologist</i> , 2019, 223, 1696-1706.	7.3	55
9	Evidence of a seasonal trade-off between growth and starch storage in declining beeches: assessment through stem radial increment, non-structural carbohydrates and intra-ring $\delta^{13}C$. <i>Tree Physiology</i> , 2019, 39, 831-844.	3.1	9
10	Functional diversity differently shapes growth resilience to drought for coexisting pine species. <i>Journal of Vegetation Science</i> , 2018, 29, 265-275.	2.2	34
11	Coexisting oak species, including rear-edge populations, buffer climate stress through xylem adjustments. <i>Tree Physiology</i> , 2018, 38, 159-172.	3.1	31
12	Tree vigour influences secondary growth but not responsiveness to climatic variability in Holm oak. <i>Dendrochronologia</i> , 2018, 49, 68-76.	2.2	12
13	Forest Adaptation to Climate Change along Steep Ecological Gradients: The Case of the Mediterranean-Temperate Transition in South-Western Europe. <i>Sustainability</i> , 2018, 10, 3065.	3.2	17
14	Forest Growth Responses to Drought at Short- and Long-Term Scales in Spain: Squeezing the Stress Memory from Tree Rings. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	104
15	Aged but withstanding: Maintenance of growth rates in old pines is not related to enhanced water-use efficiency. <i>Agricultural and Forest Meteorology</i> , 2017, 243, 43-54.	4.8	16
16	Tracking the impact of drought on functionally different woody plants in a Mediterranean scrubland ecosystem. <i>Plant Ecology</i> , 2017, 218, 1009-1020.	1.6	31
17	Diverging shrub and tree growth from the Polar to the Mediterranean biomes across the European continent. <i>Global Change Biology</i> , 2017, 23, 3169-3180.	9.5	44
18	Drought reduces growth and stimulates sugar accumulation: new evidence of environmentally driven non-structural carbohydrate use. <i>Tree Physiology</i> , 2017, 37, 997-1000.	3.1	39

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19	Wood phenology, not carbon input, controls the interannual variability of wood growth in a temperate oak forest. <i>New Phytologist</i> , 2016, 210, 459-470.	7.3	122
20	Contrasting growth and mortality responses to climate warming of two pine species in a continental Mediterranean ecosystem. <i>Forest Ecology and Management</i> , 2016, 363, 149-158.	3.2	41
21	Species coexistence in a changing world. <i>Frontiers in Plant Science</i> , 2015, 6, 866.	3.6	132
22	Survival vs. growth trade-off in early recruitment challenges global warming impacts on Mediterranean mountain trees. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 369-378.	2.7	27
23	Growth and carbon isotopes of Mediterranean trees reveal contrasting responses to increased carbon dioxide and drought. <i>Oecologia</i> , 2014, 174, 307-317.	2.0	81
24	Leaf and stem physiological responses to summer and winter extremes of woody species across temperate ecosystems. <i>Oikos</i> , 2014, 123, 1281-1290.	2.7	25
25	More than just drought: complexity of recruitment patterns in Mediterranean forests. <i>Oecologia</i> , 2014, 176, 997-1007.	2.0	26
26	Intensity and timing of warming and drought differentially affect growth patterns of co-occurring Mediterranean tree species. <i>European Journal of Forest Research</i> , 2013, 132, 469-480.	2.5	74
27	Disparity in elevational shifts of European trees in response to recent climate warming. <i>Global Change Biology</i> , 2013, 19, 2490-2499.	9.5	83
28	Direct and Indirect Effects of Climate on Demography and Early Growth of <i>Pinus sylvestris</i> at the Rear Edge: Changing Roles of Biotic and Abiotic Factors. <i>PLoS ONE</i> , 2013, 8, e59824.	2.5	38
29	Enhanced growth of <i>Juniperus thurifera</i> under a warmer climate is explained by a positive carbon gain under cold and drought. <i>Tree Physiology</i> , 2012, 32, 326-336.	3.1	78
30	Antifungal and Antibacterial Activity of the Essential Oil of <i>Chamaecyparis Lawsoniana</i> from Spain. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	5
31	Juvenile-adult tree associations in a continental Mediterranean ecosystem: no evidence for sustained and general facilitation at increased aridity. <i>Journal of Vegetation Science</i> , 2012, 23, 164-175.	2.2	25
32	Do interactions between plant and soil biota change with elevation? A study on <i>Fagus sylvatica</i> . <i>Biology Letters</i> , 2011, 7, 699-701.	2.3	33
33	Chemical Composition, Antifungal and Antibacterial Activity of the Essential Oil of <i>Chamaecyparis Nootkatensis</i> from Spain. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	4
34	Essential Oil Composition of <i>Santolina oblongifolia</i> Boiss. from Spain: An Iberian Peninsula Endemic Species. <i>Journal of Essential Oil Research</i> , 2008, 20, 65-68.	2.7	2
35	World Scientists' Warning of a Climate Emergency. <i>BioScience</i> , 0, , .	4.9	286