

Hector Calvete

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

354
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought stress does not protect <i>Quercus ilex</i> from ozone effects: results from a comparative study of two subspecies differing in ozone sensitivity. <i>Plant Biology</i> , 2014, 16, 375-384.	3.8	59
2	CFD modelling of vegetation barrier effects on the reduction of traffic-related pollutant concentration in an avenue of Pamplona, Spain. <i>Sustainable Cities and Society</i> , 2019, 48, 101559.	10.4	51
3	Modelling ozone stomatal flux of wheat under mediterranean conditions. <i>Atmospheric Environment</i> , 2013, 67, 149-160.	4.1	36
4	Atmospheric pollutants in peri-urban forests of <i>Quercus ilex</i> : evidence of pollution abatement and threats for vegetation. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6400-6413.	5.3	35
5	Current ozone levels threaten gross primary production and yield of Mediterranean annual pastures and nitrogen modulates the response. <i>Atmospheric Environment</i> , 2014, 95, 197-206.	4.1	32
6	Significance of Over-Mature and Decaying Trees for Carbon Stocks in a Central European Natural Spruce Forest. <i>Ecosystems</i> , 2013, 16, 336-346.	3.4	31
7	Heterogeneous responses to ozone and nitrogen alter the species composition of Mediterranean annual pastures. <i>Oecologia</i> , 2016, 181, 1055-1067.	2.0	24
8	Decreased rates of terpene emissions in <i>Ornithopus compressus</i> L. and <i>Trifolium striatum</i> L. by ozone exposure and nitrogen fertilization. <i>Environmental Pollution</i> , 2014, 194, 69-77.	7.5	23
9	Ozone and nitrogen effects on yield and nutritive quality of the annual legume <i>Trifolium cherleri</i> . <i>Atmospheric Environment</i> , 2014, 94, 765-772.	4.1	17
10	Nitrogen soil emissions and belowground plant processes in Mediterranean annual pastures are altered by ozone exposure and N-inputs. <i>Atmospheric Environment</i> , 2017, 165, 12-22.	4.1	11
11	Developing ozone critical levels for multi-species canopies of Mediterranean annual pastures. <i>Environmental Pollution</i> , 2017, 220, 186-195.	7.5	10
12	Foliar senescence is the most sensitive response to ozone in <i>Bromus hordeaceus</i> and is modulated by nitrogen input. <i>Grass and Forage Science</i> , 2015, 70, 71-84.	2.9	9
13	Validation of ozone response functions for annual Mediterranean pasture species using close-to-field-conditions experiments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26259-26268.	5.3	6
14	Deposito atmosférico de nitrógeno en España y evaluación del riesgo de efectos en los hábitats terrestres de la Red de Parques Nacionales. <i>Ecosistemas</i> , 2017, 26, 55-65.	0.4	5
15	Pesticide Inhalation Exposure of Applicators and Bystanders Using Conventional and Innovative Cropping Systems in the Valencian Region, Spain. <i>Atmosphere</i> , 2021, 12, 631.	2.3	4
16	Atmospheric Nitrogen Deposition in Spain: Emission and Deposition Trends, Critical Load Exceedances and Effects on Terrestrial Ecosystems. , 2020, , 319-328.		1