

Elisa Carrari

List of Publications by Year in descending order

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31
papers

563
citations

516710

16
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of the Allergenic Potential of Urban Trees and Urban Parks: Towards the Healthy Design of Urban Green Spaces of the Future. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1357.	2.6	49
2	The old charcoal kiln sites in Central Italian forest landscapes. <i>Quaternary International</i> , 2017, 458, 214-223.	1.5	38
3	Can nutrient fertilization mitigate the effects of ozone exposure on an ozone-sensitive poplar clone?. <i>Science of the Total Environment</i> , 2019, 657, 340-350.	8.0	37
4	Epidemiological derivation of flux-based critical levels for visible ozone injury in European forests. <i>Journal of Forestry Research</i> , 2020, 31, 1509-1519.	3.6	35
5	Former charcoal kiln platforms as microhabitats affecting understorey vegetation in Mediterranean forests. <i>Applied Vegetation Science</i> , 2016, 19, 486-497.	1.9	32
6	Effects of nitrogen and phosphorus imbalance on photosynthetic traits of poplar Oxford clone under ozone pollution. <i>Journal of Plant Research</i> , 2018, 131, 915-924.	2.4	29
7	Responses of serpentine plants to pine invasion: Vegetation diversity and nickel accumulation in species with contrasting adaptive strategies. <i>Science of the Total Environment</i> , 2017, 595, 72-80.	8.0	26
8	Ozone risk assessment is affected by nutrient availability: Evidence from a simulation experiment under free air controlled exposure (FACE). <i>Environmental Pollution</i> , 2018, 238, 812-822.	7.5	26
9	Impact of pine invasion on the taxonomic and phylogenetic diversity of a relict Mediterranean forest ecosystem. <i>Forest Ecology and Management</i> , 2016, 367, 1-11.	3.2	24
10	Ozone-induced impairment of night-time stomatal closure in O ₃ -sensitive poplar clone is affected by nitrogen but not by phosphorus enrichment. <i>Science of the Total Environment</i> , 2019, 692, 713-722.	8.0	24
11	Cross-talk between physiological and biochemical adjustments by <i>Punica granatum</i> cv. Dente di cavallo mitigates the effects of salinity and ozone stress. <i>Science of the Total Environment</i> , 2019, 656, 589-597.	8.0	24
12	Testing a ratio of photosynthesis to O ₃ uptake as an index for assessing O ₃ -induced foliar visible injury in poplar trees. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8113-8124.	5.3	22
13	Effects of charcoal hearth soil on forest regeneration: Evidence from a two-year experiment on tree seedlings. <i>Forest Ecology and Management</i> , 2018, 427, 37-44.	3.2	22
14	Challenges, gaps and opportunities in investigating the interactions of ozone pollution and plant ecosystems. <i>Science of the Total Environment</i> , 2020, 709, 136188.	8.0	19
15	Testing visible ozone injury within a Light Exposed Sampling Site as a proxy for ozone risk assessment for European forests. <i>Journal of Forestry Research</i> , 2021, 32, 1351-1359.	3.6	18
16	The passion fruit liana (<i>Passiflora edulis</i> Sims, Passifloraceae) is tolerant to ozone. <i>Science of the Total Environment</i> , 2019, 656, 1091-1101.	8.0	16
17	Flux-Based Ozone Risk Assessment for a Plant Injury Index (PII) in Three European Cool-Temperate Deciduous Tree Species. <i>Forests</i> , 2020, 11, 82.	2.1	16
18	Ontogenetic consistency in oak defence syndromes. <i>Journal of Ecology</i> , 2020, 108, 1822-1834.	4.0	15

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19	Stress markers and physiochemical responses of the Mediterranean shrub <i>Phillyrea angustifolia</i> under current and future drought and ozone scenarios. <i>Environmental Research</i> , 2021, 201, 111615.	7.5	15
20	Economic impacts of ambient ozone pollution on wood production in Italy. <i>Scientific Reports</i> , 2021, 11, 154.	3.3	14
21	Edge effects on the realised soil seed bank along microclimatic gradients in temperate European forests. <i>Science of the Total Environment</i> , 2021, 798, 149373.	8.0	10
22	Protecting the photosynthetic performance of snap bean under free air ozone exposure. <i>Journal of Environmental Sciences</i> , 2018, 66, 31-40.	6.1	9
23	Metabolic and physiological alterations indicate that the tropical broadleaf tree <i>Eugenia uniflora</i> L. is sensitive to ozone. <i>Science of the Total Environment</i> , 2021, 769, 145080.	8.0	9
24	Diversity of secondary woody species in relation to species richness and cover of dominant trees in thermophilous deciduous forests. <i>Scandinavian Journal of Forest Research</i> , 2016, 31, 484-494.	1.4	8
25	Elevated ozone prevents acquisition of available nitrogen due to smaller root surface area in poplar. <i>Plant and Soil</i> , 2020, 450, 585-599.	3.7	8
26	Season-long exposure of bilberry plants to realistic and future ozone pollution improves the nutraceutical quality of fruits. <i>Science of the Total Environment</i> , 2022, 822, 153577.	8.0	7
27	Early vegetation recovery of a burned Mediterranean forest in relation to post-fire management strategies. <i>Forestry</i> , 2022, 95, 548-561.	2.3	5
28	Understorey changes after an extreme drought event are modulated by overstorey tree species mixtures in thermophilous deciduous forests. <i>Forest Ecology and Management</i> , 2021, 484, 118931.	3.2	4
29	Ozone impairs the response of isoprene emission to foliar nitrogen and phosphorus in poplar. <i>Environmental Pollution</i> , 2020, 267, 115679.	7.5	2
30	SI: Air Pollution and Plant Ecosystems. <i>Climate</i> , 2020, 8, 91.	2.8	0
31	Economic and Life Cycle Analysis of Passive and Active Monitoring of Ozone for Forest Protection. <i>Environments - MDPI</i> , 2021, 8, 104.	3.3	0