Elisabetta Salvatori

List of Publications by Year
in descending order

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35 papers	1,292 citations	393982 19 h-index	360668 35 g-index
36 all docs	36 docs citations	36 times ranked	1870 citing authors

#	Article	IF	Citations
1	Regulating Ecosystem Services of forests in ten Italian Metropolitan Cities: Air quality improvement by PM 10 and O 3 removal. Ecological Indicators, 2016, 67, 425-440.	2.6	134
2	Regulating Ecosystem Services and Green Infrastructure: assessment of Urban Heat Island effect mitigation in the municipality of Rome, Italy. Ecological Modelling, 2019, 392, 92-102.	1.2	128
3	Ozone stress in woody plants assessed with chlorophyll a fluorescence. A critical reassessment of existing data. Environmental and Experimental Botany, 2011, 73, 19-30.	2.0	117
4	Urban ecosystem services: tree diversity and stability of tropospheric ozone removal. Ecological Applications, 2012, 22, 349-360.	1.8	115
5	Impacts of air pollution on human and ecosystem health, and implications for the National Emission Ceilings Directive: Insights from Italy. Environment International, 2019, 125, 320-333.	4.8	113
6	Plant stress analysis: Application of prompt, delayed chlorophyll fluorescence and 820Ânm modulated reflectance. Insights from independent experiments. Plant Physiology and Biochemistry, 2014, 85, 105-113.	2.8	74
7	Biodiversity and ecosystem services in urban green infrastructure planning: A case study from the metropolitan area of Rome (Italy). Urban Forestry and Urban Greening, 2019, 37, 87-96.	2.3	56
8	Removal of PM10 by Forests as a Nature-Based Solution for Air Quality Improvement in the Metropolitan City of Rome. Forests, 2016, 7, 150.	0.9	50
9	Development of land-use regression models for exposure assessment to ultrafine particles in Rome, Italy. Atmospheric Environment, 2017, 156, 52-60.	1.9	39
10	Different O3 response of sensitive and resistant snap bean genotypes (Phaseolus vulgaris L.): The key role of growth stage, stomatal conductance, and PSI activity. Environmental and Experimental Botany, 2013, 87, 79-91.	2.0	38
11	Effects of high Zn and Pb concentrations onPhragmites australis(Cav.) Trin. Ex. Steudel: Photosynthetic performance and metal accumulation capacity under controlled conditions. International Journal of Phytoremediation, 2016, 18, 16-24.	1.7	36
12	Physiological responses of Quercus ilex Leaves to Water Stress and Acute Ozone Exposure Under Controlled Conditions. Water, Air, and Soil Pollution, 2008, 189, 113-125.	1.1	35
13	Particle deposition in a peri-urban Mediterranean forest. Environmental Pollution, 2016, 218, 1278-1286.	3.7	33
14	Urban trees for biomonitoring atmospheric particulate matter: An integrated approach combining plant functional traits, magnetic and chemical properties. Ecological Indicators, 2021, 126, 107707.	2.6	25
15	Gas exchange and JIP-test parameters of two Mediterranean maquis species are affected by sea spray and ozone interaction. Environmental and Experimental Botany, 2011, 73, 80-88.	2.0	24
16	Urban and peri-urban forests in the metropolitan area of Rome: Ecophysiological response of Quercus ilex L. in two green infrastructures in an ecosystem services perspective. Urban Forestry and Urban Greening, 2015, 14, 1147-1156.	2.3	22
17	Effects of acute O3 stress on PSII and PSI photochemistry of sensitive and resistant snap bean genotypes (Phaseolus vulgaris L.), probed by prompt chlorophyll â€œaâ€•fluorescence and 820Ânm modulated reflectance. Plant Physiology and Biochemistry, 2015, 97, 368-377.	2.8	22
18	Conclusive remarks. Reliability and comparability of chlorophyll fluorescence data from several field teams. Environmental and Experimental Botany, 2011, 73, 116-119.	2.0	21

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19	A multiscale analysis of canopy structure inFagus sylvaticaL. andQuercus cerrisL. oldâ€growth forests in the Cilento and Vallo di Diano National Park. Plant Biosystems, 2010, 144, 202-210.	0.8	20
20	Leaf photosynthetic characteristics and photosystem II photochemistry of rice (Oryza sativa L.) under potassium-solubilizing bacteria inoculation. Photosynthetica, 2019, 57, 500-511.	0.9	20
21	Ecophysiological and phytochemical response to ozone of wine grape cultivars of Vitis vinifera L.. Natural Product Research, 2016, 30, 2514-2522.	1.0	19
22	Comparison of Drought Stress Response and Gene Expression between a GM Maize Variety and a Near-Isogenic Non-GM Variety. PLoS ONE, 2015, 10, e0117073.	1.1	17
23	Photosynthetic performance and biochemical adjustments in two co-occurring Mediterranean evergreens, Quercus ilex and Arbutus unedo, differing in salt-exclusion ability. Functional Plant Biology, 2014, 41, 391.	1.1	16
24	Natural and commercial Salix clones differ in their ecophysiological response to Zn stress. Photosynthetica, 2016, 54, 56-64.	0.9	16
25	Functional indicators of response mechanisms to nitrogen deposition, ozone, and their interaction in two Mediterranean tree species. PLoS ONE, 2017, 12, e0185836.	1.1	16
26	New approaches to study the relationship between stomatal conductance and environmental factors under Mediterranean climatic conditions. Atmospheric Environment, 2007, 41, 5385-5397.	1.9	15
27	Photosynthetic traits as indicators for phenotyping urban and peri-urban forests: A case study in the metropolitan city of Rome. Ecological Indicators, 2019, 103, 301-311.	2.6	13
28	Selection of tree species for forests under climate change: is PSI functioning a better predictor for net photosynthesis and growth than PSII?. Tree Physiology, 2020, 40, 1561-1571.	1.4	12
29	Researches in Castelporziano test site: ecophysiological studies on Mediterranean vegetation in a changing environment. Rendiconti Lincei, 2015, 26, 473-481.	1.0	9
30	Effects of the Antiozonant Ethylenediurea (EDU) on Fraxinus ornus L.: The Role of Drought. Forests, 2017, 8, 320.	0.9	9
31	Modeling ozone uptake by urban and peri-urban forest: a case study in the Metropolitan City of Rome. Environmental Science and Pollution Research, 2018, 25, 8190-8205.	2.7	9
32	Nature-Based Solution for Reducing CO2 Levels in Museum Environments: A Phytoremediation Study for the Leonardo da Vinciâ€™s â€œLast Supperâ€• Sustainability, 2020, 12, 565.	1.6	7
33	Germination, root elongation, and photosynthetic performance of plants exposed to sodium lauryl ether sulfate (SLES): an emerging contaminant. Environmental Science and Pollution Research, 2021, 28, 27900-27913.	2.7	5
34	Forests as Nature-Based Solutions: Ecosystem Services, Multiple Benefits and Trade-Offs. Forests, 2021, 12, 800.	0.9	4
35	Ultrastructural alterations induced by tropospheric ozone: comparison between resistant and sensitive clones of Trifolium repens L. CV. Regal. International Journal of Environment and Health, 2010, 4, 260.	0.3	3