Fiore Capozzi

List of Publications by Year
in descending order

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35 papers	920 citations	430442 18 h-index	454577 30 g-index
35 all docs	35 docs citations	35 times ranked	1023 citing authors

#	Article	IF	Citations
1	A novel device to study altered gravity and light interactions in seedling tropisms. Life Sciences in Space Research, 2022, 32, 8-16.	1.2	8
2	Metals Induce Genotoxicity in Three Cardoon Cultivars: Relation to Metal Uptake and Distribution in Extra- and Intracellular Fractions. Plants, 2022, 11, 475.	1.6	4
3	Shoot and root growth and morphology and their effect on single-leaf water-use-efficiency of lettuce grown under different red:blue ratios. Acta Horticulturae, 2022, , 327-332.	0.1	0
4	Field comparison between moss and lichen PAHs uptake abilities based on deposition fluxes and diagnostic ratios. Ecological Indicators, 2021, 120, 106954.	2.6	8
5	Facing metal stress by multiple strategies: morphophysiological responses of cardoon (Cynara) Tj ETQq1 1 0.784314 rgBT /Overlock 10 37616-37626.	2.7	8
6	Biomonitoring of Air Pollution. Atmosphere, 2021, 12, 433.	1.0	10
7	Multi-elemental profile and enviromagnetic analysis of moss transplants exposed indoors and outdoors in Italy and Belgium. Environmental Pollution, 2021, 289, 117871.	3.7	7
8	Mobile Biomonitoring of Atmospheric Pollution: A New Perspective for the Moss-Bag Approach. Plants, 2021, 10, 2384.	1.6	12
9	Implication of vitality, seasonality and specific leaf area on PAH uptake in moss and lichen transplanted in bags. Ecological Indicators, 2020, 108, 105727.	2.6	32
10	Testing a novel biotechnological passive sampler for monitoring atmospheric PAH pollution. Journal of Hazardous Materials, 2020, 381, 120949.	6.5	17
11	Exploring the phytoremediation potential of Cynara cardunculus: a trial on an industrial soil highly contaminated by heavy metals. Environmental Science and Pollution Research, 2020, 27, 9075-9084.	2.7	28
12	Special Issue Editorial: Biomonitoring of Atmospheric Pollution. Atmosphere, 2020, 11, 1329.	1.0	0
13	Morphological Traits Influence the Uptake Ability of Priority Pollutant Elements by Hypnum cupressiforme and Robinia pseudoacacia Leaves. Atmosphere, 2020, 11, 148.	1.0	10
14	Congruence Evaluation of Mercury Pollution Patterns Around a Waste Incinerator over a 16-Year-Long Period Using Different Biomonitors. Atmosphere, 2019, 10, 183.	1.0	9
15	Indoor vs. outdoor airborne element array: A novel approach using moss bags to explore possible pollution sources. Environmental Pollution, 2019, 249, 566-572.	3.7	20
16	Background element content in the lichen Pseudevernia furfuracea: a comparative analysis of digestion methods. Environmental Monitoring and Assessment, 2019, 191, 260.	1.3	8
17	Overall plant responses to Cd and Pb metal stress in maize: Growth pattern, ultrastructure, and photosynthetic activity. Environmental Science and Pollution Research, 2019, 26, 1781-1790.	2.7	58
18	Light quality shapes morpho-functional traits and pigment content of green and red leaf cultivars of Atriplex hortensis. Scientia Horticulturae, 2019, 246, 942-950.	1.7	29

#	Article	IF	Citations
19	Performance of three cardoon cultivars in an industrial heavy metal-contaminated soil: Effects on morphology, cytology and photosynthesis. Journal of Hazardous Materials, 2018, 351, 131-137.	6.5	59
20	Evidence on the effectiveness of mosses for biomonitoring of microplastics in fresh water environment. Chemosphere, 2018, 205, 1-7.	4.2	39
21	Background element content of the lichen Pseudevernia furfuracea: A supra-national state of art implemented by novel field data from Italy. Science of the Total Environment, 2018, 622-623, 282-292.	3.9	16
22	Geochemistry and carbon isotopic ratio for assessment of PM10 composition, source and seasonal trends in urban environment. Environmental Pollution, 2018, 239, 590-598.	3.7	2
23	Assessing desertification in sub-Saharan peri-urban areas: Case study applications in Burkina Faso and Senegal. Journal of Geochemical Exploration, 2018, 190, 281-291.	1.5	13
24	Monitoring metal pollution in soils using portable-XRF and conventional laboratory-based techniques: Evaluation of the performance and limitations according to metal properties and sources. Science of the Total Environment, 2018, 643, 516-526.	3.9	79
25	Sphagnum palustre clone vs native Pseudoscleropodium purum : A first trial in the field to validate the future of the moss bag technique. Environmental Pollution, 2017, 225, 323-328.	3.7	29
26	Atmospheric particulate matter intercepted by moss-bags: Relations to moss trace element uptake and land use. Chemosphere, 2017, 176, 361-368.	4.2	68
27	Genotoxic effect of Pb and Cd on inÂvitro cultures of Sphagnum palustre : An evaluation by ISSR markers. Chemosphere, 2017, 181, 208-215.	4.2	23
28	Infraspecific variability in baseline element composition of the epiphytic lichen Pseudevernia furfuracea in remote areas: implications for biomonitoring of air pollution. Environmental Science and Pollution Research, 2017, 24, 8004-8016.	2.7	18
29	Monitoring chronic and acute PAH atmospheric pollution using transplants of the moss Hypnum cupressiforme and Robinia pseudacacia leaves. Atmospheric Environment, 2017, 150, 45-54.	1.9	28
30	Ultrastructural, protein and photosynthetic alterations induced by Pb and Cd in Cynara cardunculus L., and its potential for phytoremediation. Ecotoxicology and Environmental Safety, 2017, 145, 83-89.	2.9	67
31	Tracking the route of phenanthrene uptake in mosses: An experimental trial. Science of the Total Environment, 2017, 575, 1066-1073.	3.9	20
32	Best options for the exposure of traditional and innovative moss bags: A systematic evaluation in three European countries. Environmental Pollution, 2016, 214, 362-373.	3.7	61
33	Molecular and chemical characterization of a Sphagnum palustre clone: Key steps towards a standardized and sustainable moss bag technique. Ecological Indicators, 2016, 71, 388-397.	2.6	29
34	Biomonitoring of atmospheric pollution by moss bags: Discriminating urban-rural structure in a fragmented landscape. Chemosphere, 2016, 149, 211-218.	4.2	42
35	Air pollution monitoring using emission inventories combined with the moss bag approach. Science of the Total Environment, 2016, 541, 1410-1419.	3.9	59