

Fiore Capozzi

List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>Science of the Total Environment</i> , 2018, 643, 516-526.	3.9	79
2	Atmospheric particulate matter intercepted by moss-bags: Relations to moss trace element uptake and land use. <i>Chemosphere</i> , 2017, 176, 361-368.	4.2	68
3	Ultrastructural, protein and photosynthetic alterations induced by Pb and Cd in <i>Cynara cardunculus</i> L., and its potential for phytoremediation. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 83-89.	2.9	67
4	Best options for the exposure of traditional and innovative moss bags: A systematic evaluation in three European countries. <i>Environmental Pollution</i> , 2016, 214, 362-373.	3.7	61
5	Air pollution monitoring using emission inventories combined with the moss bag approach. <i>Science of the Total Environment</i> , 2016, 541, 1410-1419.	3.9	59
6	Performance of three cardoon cultivars in an industrial heavy metal-contaminated soil: Effects on morphology, cytology and photosynthesis. <i>Journal of Hazardous Materials</i> , 2018, 351, 131-137.	6.5	59
7	Overall plant responses to Cd and Pb metal stress in maize: Growth pattern, ultrastructure, and photosynthetic activity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1781-1790.	2.7	58
8	Biomonitoring of atmospheric pollution by moss bags: Discriminating urban-rural structure in a fragmented landscape. <i>Chemosphere</i> , 2016, 149, 211-218.	4.2	42
9	Evidence on the effectiveness of mosses for biomonitoring of microplastics in fresh water environment. <i>Chemosphere</i> , 2018, 205, 1-7.	4.2	39
10	Implication of vitality, seasonality and specific leaf area on PAH uptake in moss and lichen transplanted in bags. <i>Ecological Indicators</i> , 2020, 108, 105727.	2.6	32
11	Molecular and chemical characterization of a <i>Sphagnum palustre</i> clone: Key steps towards a standardized and sustainable moss bag technique. <i>Ecological Indicators</i> , 2016, 71, 388-397.	2.6	29
12	<i>Sphagnum palustre</i> clone vs native <i>Pseudoscleropodium purum</i> : A first trial in the field to validate the future of the moss bag technique. <i>Environmental Pollution</i> , 2017, 225, 323-328.	3.7	29
13	Light quality shapes morpho-functional traits and pigment content of green and red leaf cultivars of <i>Atriplex hortensis</i> . <i>Scientia Horticulturae</i> , 2019, 246, 942-950.	1.7	29
14	Monitoring chronic and acute PAH atmospheric pollution using transplants of the moss <i>Hypnum cupressiforme</i> and <i>Robinia pseudacacia</i> leaves. <i>Atmospheric Environment</i> , 2017, 150, 45-54.	1.9	28
15	Exploring the phytoremediation potential of <i>Cynara cardunculus</i> : a trial on an industrial soil highly contaminated by heavy metals. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9075-9084.	2.7	28
16	Genotoxic effect of Pb and Cd on in vitro cultures of <i>Sphagnum palustre</i> : An evaluation by ISSR markers. <i>Chemosphere</i> , 2017, 181, 208-215.	4.2	23
17	Tracking the route of phenanthrene uptake in mosses: An experimental trial. <i>Science of the Total Environment</i> , 2017, 575, 1066-1073.	3.9	20
18	Indoor vs. outdoor airborne element array: A novel approach using moss bags to explore possible pollution sources. <i>Environmental Pollution</i> , 2019, 249, 566-572.	3.7	20

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19	Intraspecific variability in baseline element composition of the epiphytic lichen <i>Pseudevernia furfuracea</i> in remote areas: implications for biomonitoring of air pollution. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8004-8016.	2.7	18
20	Testing a novel biotechnological passive sampler for monitoring atmospheric PAH pollution. <i>Journal of Hazardous Materials</i> , 2020, 381, 120949.	6.5	17
21	Background element content of the lichen <i>Pseudevernia furfuracea</i> : A supra-national state of art implemented by novel field data from Italy. <i>Science of the Total Environment</i> , 2018, 622-623, 282-292.	3.9	16
22	Assessing desertification in sub-Saharan peri-urban areas: Case study applications in Burkina Faso and Senegal. <i>Journal of Geochemical Exploration</i> , 2018, 190, 281-291.	1.5	13
23	Mobile Biomonitoring of Atmospheric Pollution: A New Perspective for the Moss-Bag Approach. <i>Plants</i> , 2021, 10, 2384.	1.6	12
24	Morphological Traits Influence the Uptake Ability of Priority Pollutant Elements by <i>Hypnum cupressiforme</i> and <i>Robinia pseudoacacia</i> Leaves. <i>Atmosphere</i> , 2020, 11, 148.	1.0	10
25	Biomonitoring of Air Pollution. <i>Atmosphere</i> , 2021, 12, 433.	1.0	10
26	Congruence Evaluation of Mercury Pollution Patterns Around a Waste Incinerator over a 16-Year-Long Period Using Different Biomonitors. <i>Atmosphere</i> , 2019, 10, 183.	1.0	9
27	Background element content in the lichen <i>Pseudevernia furfuracea</i> : a comparative analysis of digestion methods. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 260.	1.3	8
28	Field comparison between moss and lichen PAHs uptake abilities based on deposition fluxes and diagnostic ratios. <i>Ecological Indicators</i> , 2021, 120, 106954.	2.6	8
29	Facing metal stress by multiple strategies: morphophysiological responses of cardoon (<i>Cynara</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 37616-37626.	2.7	8
30	A novel device to study altered gravity and light interactions in seedling tropisms. <i>Life Sciences in Space Research</i> , 2022, 32, 8-16.	1.2	8
31	Multi-elemental profile and enviromagnetic analysis of moss transplants exposed indoors and outdoors in Italy and Belgium. <i>Environmental Pollution</i> , 2021, 289, 117871.	3.7	7
32	Metals Induce Genotoxicity in Three Cardoon Cultivars: Relation to Metal Uptake and Distribution in Extra- and Intracellular Fractions. <i>Plants</i> , 2022, 11, 475.	1.6	4
33	Geochemistry and carbon isotopic ratio for assessment of PM10 composition, source and seasonal trends in urban environment. <i>Environmental Pollution</i> , 2018, 239, 590-598.	3.7	2
34	Special Issue Editorial: Biomonitoring of Atmospheric Pollution. <i>Atmosphere</i> , 2020, 11, 1329.	1.0	0
35	Shoot and root growth and morphology and their effect on single-leaf water-use-efficiency of lettuce grown under different red:blue ratios. <i>Acta Horticulturae</i> , 2022, , 327-332.	0.1	0