

Daniela Baldantoni

List of Publications by Year in descending order

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54
papers

1,939
citations

279487

23
h-index

253896

43
g-index

54
all docs

54
docs citations

54
times ranked

2705
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. <i>Water Research</i> , 2016, 92, 22-37.	5.3	289
2	Wilson Disease Protein ATP7B Utilizes Lysosomal Exocytosis to Maintain Copper Homeostasis. <i>Developmental Cell</i> , 2014, 29, 686-700.	3.1	203
3	Assessment of macro and microelement accumulation capability of two aquatic plants. <i>Environmental Pollution</i> , 2004, 130, 149-156.	3.7	137
4	Cadmium accumulation in leaves of leafy vegetables. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 89-94.	2.9	113
5	Macro- and trace-element concentrations in leaves and roots of <i>Phragmites australis</i> in a volcanic lake in Southern Italy. <i>Journal of Geochemical Exploration</i> , 2009, 101, 166-174.	1.5	105
6	Leaves of <i>Quercus ilex</i> L. as biomonitors of PAHs in the air of Naples (Italy). <i>Atmospheric Environment</i> , 2001, 35, 3553-3559.	1.9	74
7	Different behaviours in phytoremediation capacity of two heavy metal tolerant poplar clones in relation to iron and other trace elements. <i>Journal of Environmental Management</i> , 2014, 146, 94-99.	3.8	74
8	Trace metals in the soil and in <i>Quercus ilex</i> L. leaves at anthropic and remote sites of the Campania Region of Italy. <i>Geoderma</i> , 2004, 122, 269-279.	2.3	61
9	Total and available soil trace element concentrations in two Mediterranean agricultural systems treated with municipal waste compost or conventional mineral fertilizers. <i>Chemosphere</i> , 2010, 80, 1006-1013.	4.2	61
10	Analyses of three native aquatic plant species to assess spatial gradients of lake trace element contamination. <i>Aquatic Botany</i> , 2005, 83, 48-60.	0.8	53
11	A multi-approach monitoring of particulate matter, metals and PAHs in an urban street canyon. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4969-4979.	2.7	52
12	Polyaspartate, a biodegradable chelant that improves the phytoremediation potential of poplar in a highly metal-contaminated agricultural soil. <i>Journal of Environmental Management</i> , 2014, 132, 9-15.	3.8	40
13	Anthracene and benzo(a)pyrene degradation in soil is favoured by compost amendment: Perspectives for a bioremediation approach. <i>Journal of Hazardous Materials</i> , 2017, 339, 395-400.	6.5	39
14	Distribution of heavy metals and polycyclic aromatic hydrocarbons in holm oak plant-soil system evaluated along urbanization gradients. <i>Chemosphere</i> , 2015, 134, 91-97.	4.2	36
15	Nutritional regulation in mixotrophic plants: new insights from <i>Limodorum abortivum</i> . <i>Oecologia</i> , 2014, 175, 875-885.	0.9	34
16	Air biomonitoring of heavy metals and polycyclic aromatic hydrocarbons near a cement plant. <i>Atmospheric Pollution Research</i> , 2014, 5, 262-269.	1.8	32
17	A seven-year experiment in a vegetable crops sequence: Effects of replacing mineral fertilizers with Biowaste compost on crop productivity, soil organic carbon and nitrates concentrations. <i>Scientia Horticulturae</i> , 2021, 290, 110534.	1.7	32
18	Antibiotic effects on seed germination and root development of tomato (<i>Solanum lycopersicum</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 135-141.	2.9	30

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19	Biomonitoring of nutrient and toxic element concentrations in the Sarno River through aquatic plants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 520-527.	2.9	29
20	Acute effects of PAH contamination on microbial community of different forest soils. <i>Environmental Pollution</i> , 2020, 262, 114378.	3.7	29
21	Microbial Community Characterizing Vermiculations from Karst Caves and Its Role in Their Formation. <i>Microbial Ecology</i> , 2021, 81, 884-896.	1.4	29
22	Geomicrobiology of a seawater-influenced active sulfuric acid cave. <i>PLoS ONE</i> , 2019, 14, e0220706.	1.1	28
23	Role of different microorganisms in remediating PAH-contaminated soils treated with compost or fungi. <i>Journal of Environmental Management</i> , 2019, 252, 109675.	3.8	28
24	Compost and Sewage Sludge for the Improvement of Soil Chemical and Biological Quality of Mediterranean Agroecosystems. <i>Sustainability</i> , 2021, 13, 26.	1.6	28
25	Tropospheric ozone effects on chemical composition and decomposition rate of <i>Quercus ilex</i> L. leaves. <i>Science of the Total Environment</i> , 2011, 409, 979-984.	3.9	19
26	The effect of urban park landscapes on soil Collembola diversity: A Mediterranean case study. <i>Landscape and Urban Planning</i> , 2018, 180, 135-147.	3.4	19
27	Trace Element Analyses in an Epiphytic Lichen and its Bark Substrate to Assess Suitability for Air Biomonitoring. <i>Environmental Monitoring and Assessment</i> , 2004, 98, 59-67.	1.3	18
28	Soil compost amendment enhances tomato (<i>Solanum lycopersicum</i> L.) quality. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4082-4088.	1.7	18
29	Copper binds the carboxy-terminus of trefoil protein 1 (TFF1), favoring its homodimerization and mitogenic activity. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1943-1955.	2.4	16
30	Effects of soil pollutants, biogeochemistry and microbiology on the distribution and composition of enchytraeid communities in urban and suburban holm oak stands. <i>Environmental Pollution</i> , 2013, 179, 268-276.	3.7	15
31	Heavy metal and polycyclic aromatic hydrocarbon concentrations in <i>Quercus ilex</i> L. leaves fit an a priori subdivision in site typologies based on human management. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11911-11918.	2.7	15
32	Ranges of nutrient concentrations in <i>Quercus ilex</i> leaves at natural and urban sites. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 801-808.	1.1	14
33	Usefulness of different vascular plant species for passive biomonitoring of Mediterranean rivers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13907-13917.	2.7	14
34	A promising cosmopolitan biomonitor of potentially toxic elements in freshwater ecosystems: concentration gradients in sensitive areas. <i>Ecological Indicators</i> , 2020, 109, 105801.	2.6	14
35	Nutrient and toxic element soil concentrations during repeated mineral and compost fertilization treatments in a Mediterranean agricultural soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 25169-25179.	2.7	13
36	Nutrients and non-essential elements in edible crops following long-term mineral and compost fertilization of a Mediterranean agricultural soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35353-35364.	2.7	12

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37	Compost Amendment Enhances Natural Revegetation of a Mediterranean Degraded Agricultural Soil. <i>Environmental Management</i> , 2015, 56, 946-956.	1.2	11
38	Evolution, ecology and systematics of <i>Soldanella</i> (Primulaceae) in the southern Apennines (Italy). <i>BMC Evolutionary Biology</i> , 2015, 15, 158.	3.2	11
39	Seasonal patterns of biodiversity in Mediterranean coastal lagoons. <i>Diversity and Distributions</i> , 2019, 25, 1512-1526.	1.9	10
40	Genetically biodiverse potato cultivars grown on a suitable agricultural soil under compost amendment or mineral fertilization: yield, quality, genetic and epigenetic variations, soil properties. <i>Science of the Total Environment</i> , 2014, 493, 1025-1035.	3.9	9
41	Long-established and new active biomonitors jointly reveal potentially toxic element gradients across spatial scales in freshwater ecosystems. <i>Ecological Indicators</i> , 2020, 118, 106742.	2.6	9
42	Ozone fumigation of <i>Quercus ilex</i> L. slows down leaf litter decomposition with no detectable change in leaf composition. <i>Annals of Forest Science</i> , 2013, 70, 571-578.	0.8	8
43	Underground Ecosystem Conservation Through High-resolution Air Monitoring. <i>Environmental Management</i> , 2022, 69, 982-993.	1.2	8
44	Investigating natural attenuation of <sc>PAHs</sc> by soil microbial communities: insights by a machine learning approach. <i>Restoration Ecology</i> , 2022, 30, .	1.4	7
45	Trefoil Factor 1 is involved in gastric cell copper homeostasis. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 59, 30-40.	1.2	6
46	Potentially toxic element gradients in remote, residential, urban and industrial areas, as highlighted by the analysis of <i>Quercus ilex</i> leaves. <i>Urban Forestry and Urban Greening</i> , 2020, 47, 126522.	2.3	6
47	Influence of the Choice of Cultivar and Soil Fertilization on PTE Concentrations in <i>Lactuca sativa</i> L. in the Framework of the Regenerative Agriculture Revolution. <i>Land</i> , 2021, 10, 1053.	1.2	6
48	Low copper availability limits <i>Helicobacter</i> infection in mice. <i>FEBS Journal</i> , 2020, 287, 2948-2960.	2.2	5
49	Geochemical characterization of clastic sediments sheds light on energy sources and on alleged anthropogenic impacts in cave ecosystems. <i>International Journal of Earth Sciences</i> , 2022, 111, 919-927.	0.9	5
50	Multivariate spatial analysis for the identification of criticalities and of the subtended causes in river ecosystems. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30969-30976.	2.7	4
51	Persistent pollutants and the patchiness of urban green areas as drivers of genetic richness in the epiphytic moss <i>Leptodon smithii</i> . <i>Journal of Environmental Sciences</i> , 2014, 26, 2493-2499.	3.2	3
52	On the Capability of the Epigeous Organs of <i>Phragmites australis</i> to Act as Metal Accumulators in Biomonitoring Studies. <i>Sustainability</i> , 2021, 13, 7745.	1.6	3
53	Sustainable Tourism and Conservation of Underground Ecosystems through Airflow and Particle Distribution Modeling. <i>Sustainability</i> , 2022, 14, 7979.	1.6	3
54	Spatial Patterns and Scales of Collembola Taxonomic and Functional Diversity in Urban Parks. <i>Sustainability</i> , 2021, 13, 13029.	1.6	2