# Daniela Baldantoni

List of Publications by Year
in descending order



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|---|---|---|---|
| 54 papers | 1,939 citations | 279798 23 h-index | 254184 43 g-index |
| 54 all docs | 54 docs citations | 54 times ranked | 2705 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Geochemical characterization of clastic sediments sheds light on energy sources and on alleged anthropogenic impacts in cave ecosystems. International Journal of Earth Sciences, 2022, 111, 919-927. | 1.8 | 5 |
| 2 | Underground Ecosystem Conservation Through High-resolution Air Monitoring. Environmental Management, 2022, 69, 982-993. | 2.7 | 8 |
| 3 | Investigating natural attenuation of <scp>PAHs</scp> by soil microbial communities: insights by a machine learning approach. Restoration Ecology, 2022, 30, . | 2.9 | 7 |
| 4 | Sustainable Tourism and Conservation of Underground Ecosystems through Airflow and Particle Distribution Modeling. Sustainability, 2022, 14, 7979. | 3.2 | 3 |
| 5 | Microbial Community Characterizing Vermiculations from Karst Caves and Its Role in Their Formation. Microbial Ecology, 2021, 81, 884-896. | 2.8 | 29 |
| 6 | On the Capability of the Epigeous Organs of Phragmites australis to Act as Metal Accumulators in Biomonitoring Studies. Sustainability, 2021, 13, 7745. | 3.2 | 3 |
| 7 | 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. Scientia Horticulturae, 2021, 290, 110534. | 3.6 | 32 |
| 8 | Compost and Sewage Sludge for the Improvement of Soil Chemical and Biological Quality of Mediterranean Agroecosystems. Sustainability, 2021, 13, 26. | 3.2 | 28 |
| 9 | Influence of the Choice of Cultivar and Soil Fertilization on PTE Concentrations in Lactuca sativa L. in the Framework of the Regenerative Agriculture Revolution. Land, 2021, 10, 1053. | 2.9 | 6 |
| 10 | Spatial Patterns and Scales of Collembola Taxonomic and Functional Diversity in Urban Parks. Sustainability, 2021, 13, 13029. | 3.2 | 2 |
| 11 | A promising cosmopolitan biomonitor of potentially toxic elements in freshwater ecosystems: concentration gradients in sensitive areas. Ecological Indicators, 2020, 109, 105801. | 6.3 | 14 |
| 12 | Potentially toxic element gradients in remote, residential, urban and industrial areas, as highlighted by the analysis of Quercus ilex leaves. Urban Forestry and Urban Greening, 2020, 47, 126522. | 5.3 | 6 |
| 13 | Multivariate spatial analysis for the identification of criticalities and of the subtended causes in river ecosystems. Environmental Science and Pollution Research, 2020, 27, 30969-30976. | 5.3 | 4 |
| 14 | Low copper availability limits Helicobacter infection in mice. FEBS Journal, 2020, 287, 2948-2960. | 4.7 | 5 |
| 15 | Long-established and new active biomonitors jointly reveal potentially toxic element gradients across spatial scales in freshwater ecosystems. Ecological Indicators, 2020, 118, 106742. | 6.3 | 9 |
| 16 | Acute effects of PAH contamination on microbial community of different forest soils. Environmental Pollution, 2020, 262, 114378. | 7.5 | 29 |
| 17 | Geomicrobiology of a seawater-influenced active sulfuric acid cave. PLoS ONE, 2019, 14, e0220706. | 2.5 | 28 |
| 18 | Role of different microorganisms in remediating PAH-contaminated soils treated with compost or fungi. Journal of Environmental Management, 2019, 252, 109675. | 7.8 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Seasonal patterns of biodiversity in Mediterranean coastal lagoons. Diversity and Distributions, 2019, 25, 1512-1526. | 4.1 | 10 |
| 20 | Nutrients and non-essential elements in edible crops following long-term mineral and compost fertilization of a Mediterranean agricultural soil. Environmental Science and Pollution Research, 2019, 26, 35353-35364. | 5.3 | 12 |
| 21 | Antibiotic effects on seed germination and root development of tomato (Solanum lycopersicum L.). Ecotoxicology and Environmental Safety, 2018, 148, 135-141. | 6.0 | 30 |
| 22 | Biomonitoring of nutrient and toxic element concentrations in the Sarno River through aquatic plants. Ecotoxicology and Environmental Safety, 2018, 148, 520-527. | 6.0 | 29 |
| 23 | The effect of urban park landscapes on soil Collembola diversity: A Mediterranean case study. Landscape and Urban Planning, 2018, 180, 135-147. | 7.5 | 19 |
| 24 | Heavy metal and polycyclic aromatic hydrocarbon concentrations in Quercus ilex L. leaves fit an a priori subdivision in site typologies based on human management. Environmental Science and Pollution Research, 2017, 24, 11911-11918. | 5.3 | 15 |
| 25 | Anthracene and benzo(a)pyrene degradation in soil is favoured by compost amendment: Perspectives for a bioremediation approach. Journal of Hazardous Materials, 2017, 339, 395-400. | 12.4 | 39 |
| 26 | Nutrient and toxic element soil concentrations during repeated mineral and compost fertilization treatments in a Mediterranean agricultural soil. Environmental Science and Pollution Research, 2016, 23, 25169-25179. | 5.3 | 13 |
| 27 | Usefulness of different vascular plant species for passive biomonitoring of Mediterranean rivers. Environmental Science and Pollution Research, 2016, 23, 13907-13917. | 5.3 | 14 |
| 28 | Soil compost amendment enhances tomato (Solanum lycopersicum L.) quality. Journal of the Science of Food and Agriculture, 2016, 96, 4082-4088. | 3.5 | 18 |
| 29 | Cadmium accumulation in leaves of leafy vegetables. Ecotoxicology and Environmental Safety, 2016, 123, 89-94. | 6.0 | 113 |
| 30 | Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. Water Research, 2016, 92, 22-37. | 11.3 | 289 |
| 31 | Compost Amendment Enhances Natural Revegetation of a Mediterranean Degraded Agricultural Soil. Environmental Management, 2015, 56, 946-956. | 2.7 | 11 |
| 32 | Evolution, ecology and systematics of Soldanella (Primulaceae) in the southern Apennines (Italy). BMC Evolutionary Biology, 2015, 15, 158. | 3.2 | 11 |
| 33 | Distribution of heavy metals and polycyclic aromatic hydrocarbons in holm oak plantâ€"soil system evaluated along urbanization gradients. Chemosphere, 2015, 134, 91-97. | 8.2 | 36 |
| 34 | Trefoil Factor 1 is involved in gastric cell copper homeostasis. International Journal of Biochemistry and Cell Biology, 2015, 59, 30-40. | 2.8 | 6 |
| 35 | Genetically biodiverse potato cultivars grown on a suitable agricultural soil under compost amendment or mineral fertilization: yield, quality, genetic and epigenetic variations, soil properties. Science of the Total Environment, 2014, 493, 1025-1035. | 8.0 | 9 |
| 36 | Persistent pollutants and the patchiness of urban green areas as drivers of genetic richness in the epiphytic moss Leptodon smithii. Journal of Environmental Sciences, 2014, 26, 2493-2499. | 6.1 | 3 |

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|---|---|---|---|
| 37 | Polyaspartate, a biodegradable chelant that improves the phytoremediation potential of poplar in a highly metal-contaminated agricultural soil. Journal of Environmental Management, 2014, 132, 9-15. | 7.8 | 40 |
| 38 | Different behaviours in phytoremediation capacity of two heavy metal tolerant poplar clones in relation to iron and other trace elements. Journal of Environmental Management, 2014, 146, 94-99. | 7.8 | 74 |
| 39 | Nutritional regulation in mixotrophic plants: new insights from Limodorum abortivum. Oecologia, 2014, 175, 875-885. | 2.0 | 34 |
| 40 | Wilson Disease Protein ATP7B Utilizes Lysosomal Exocytosis to Maintain Copper Homeostasis. Developmental Cell, 2014, 29, 686-700. | 7.0 | 203 |
| 41 | Air biomonitoring of heavy metals and polycyclic aromatic hydrocarbons near a cement plant. Atmospheric Pollution Research, 2014, 5, 262-269. | 3.8 | 32 |
| 42 | Ozone fumigation of Quercus ilex L. slows down leaf litter decomposition with no detectable change in leaf composition. Annals of Forest Science, 2013, 70, 571-578. | 2.0 | 8 |
| 43 | A multi-approach monitoring of particulate matter, metals and PAHs in an urban street canyon. Environmental Science and Pollution Research, 2013, 20, 4969-4979. | 5.3 | 52 |
| 44 | Effects of soil pollutants, biogeochemistry and microbiology on the distribution and composition of enchytraeid communities in urban and suburban holm oak stands. Environmental Pollution, 2013, 179, 268-276. | 7.5 | 15 |
| 45 | Ranges of nutrient concentrations in Quercus ilex leaves at natural and urban sites. Journal of Plant Nutrition and Soil Science, 2013, 176, 801-808. | 1.9 | 14 |
| 46 | Tropospheric ozone effects on chemical composition and decomposition rate of Quercus ilex L. leaves. Science of the Total Environment, 2011, 409, 979-984. | 8.0 | 19 |
| 47 | Copper binds the carboxy-terminus of trefoil protein 1 (TFF1), favoring its homodimerization and motogenic activity. Cellular and Molecular Life Sciences, 2010, 67, 1943-1955. | 5.4 | 16 |
| 48 | Total and available soil trace element concentrations in two Mediterranean agricultural systems treated with municipal waste compost or conventional mineral fertilizers. Chemosphere, 2010, 80, 1006-1013. | 8.2 | 61 |
| 49 | Macro- and trace-element concentrations in leaves and roots of Phragmites australis in a volcanic lake in Southern Italy. Journal of Geochemical Exploration, 2009, 101, 166-174. | 3.2 | 105 |
| 50 | Analyses of three native aquatic plant species to assess spatial gradients of lake trace element contamination. Aquatic Botany, 2005, 83, 48-60. | 1.6 | 53 |
| 51 | Trace Element Analyses in an Epiphytic Lichen and its Bark Substrate to Assess Suitability for Air Biomonitoring. Environmental Monitoring and Assessment, 2004, 98, 59-67. | 2.7 | 18 |
| 52 | Trace metals in the soil and in Quercus ilex L. leaves at anthropic and remote sites of the Campania Region of Italy. Geoderma, 2004, 122, 269-279. | 5.1 | 61 |
| 53 | Assessment of macro and microelement accumulation capability of two aquatic plants. Environmental Pollution, 2004, 130, 149-156. | 7.5 | 137 |
| 54 | Leaves of Quercus ilex L. as biomonitors of PAHs in the air of Naples (Italy). Atmospheric Environment, 2001, 35, 3553-3559. | 4.1 | 74 |