Valeria Ancona

List of Publications by Year
in descending order

29 papers	1,570 citations	687220 13 h-index	580701 25 g-index
29 all docs	29 docs citations	29 times ranked	1966 citing authors

#	Article	IF	Citations
1	Ecological effects of antibiotics on natural ecosystems: A review. Microchemical Journal, 2018, 136, 25-39.	2.3	818
2	Chromium Pollution in European Water, Sources, Health Risk, and Remediation Strategies: An Overview. International Journal of Environmental Research and Public Health, 2020, 17, 5438.	1.2	252
3	Microplastics pollution in the terrestrial environments: Poorly known diffuse sources and implications for plants. Science of the Total Environment, 2022, 805, 150431.	3.9	105
4	Plant-assisted bioremediation of a historically PCB and heavy metal-contaminated area in Southern Italy. New Biotechnology, 2017, 38, 65-73.	2.4	66
5	Mechanochemical degradation of pentachlorophenol onto birnessite. Journal of Hazardous Materials, 2013, 244-245, 303-310.	6.5	37
6	Heavy metal phytoremediation of a poplar clone in a contaminated soil in southern Italy. Journal of Chemical Technology and Biotechnology, 2020, 95, 940-949.	1.6	37
7	Effects of Apirolio Addition and Alfalfa and Compost Treatments on the Natural Microbial Community of a Historically PCB-Contaminated Soil. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	31
8	Gasification treatment of poplar biomass produced in a contaminated area restored using plant assisted bioremediation. Journal of Environmental Management, 2019, 239, 137-141.	3.8	29
9	Effect of aging on catalytic properties in mechanochemical degradation of pentachlorophenol by birnessite. Chemosphere, 2011, 82, 627-634.	4.2	26
10	Characterization of the Belowground Microbial Community in a Poplar-Phytoremediation Strategy of a Multi-Contaminated Soil. Frontiers in Microbiology, 2020, 11, 2073.	1.5	19
11	Use of microbial fuel cells for soil remediation: A preliminary study on DDE. International Journal of Hydrogen Energy, 2021, 46, 10131-10142.	3.8	18
12	Enhancement of Chromium (VI) Reduction in Microcosms Amended with Lactate or Yeast Extract: A Laboratory-Scale Study. International Journal of Environmental Research and Public Health, 2020, 17, 704.	1.2	16
13	Mechanochemical transformation of an organic ligand on mineral surfaces: The efficiency of birnessite in catechol degradation. Journal of Hazardous Materials, 2012, 201-202, 148-154.	6.5	15
14	Development of Ecological Strategies for the Recovery of the Main Nitrogen Agricultural Pollutants: A Review on Environmental Sustainability in Agroecosystems. Sustainability, 2021, 13, 7163.	1.6	14
15	Combined Effects of Compost and Medicago Sativa in Recovery a PCB Contaminated Soil. Water (Switzerland), 2020, 12, 860.	1.2	12
16	Plant-Assisted Bioremediation: An Ecological Approach for Recovering Multi-contaminated Areas. , 2017, , 291-303.		11
17	Methodology for the implementation of monitoring plans with different spatial and temporal scales of plant protection products residues in water bodies based on site-specific environmental pressures assessments. Human and Ecological Risk Assessment (HERA), 2020, 26, 1341-1358.	1.7	10
18	Poplar-Assisted Bioremediation for Recovering a PCB and Heavy-Metal-Contaminated Area. Agriculture (Switzerland), 2021, 11, 689.	1.4	9

#	Article	IF	Citations
19	Use of Biochar to Improve the Sustainable Crop Production of Cauliflower (Brassica oleracea L.). Plants, 2022, 11, 1182.	1.6	9
20	Polycyclic aromatic hydrocarbons in a bakery indoor air: trends, dynamics, and dispersion. Environmental Science and Pollution Research, 2018, 25, 28760-28771.	2.7	7
21	A Modified Soil Quality Index to Assess the Influence of Soil Degradation Processes on Desertification Risk: The Apulia Case. Italian Journal of Agronomy, 2010, 5, 45.	0.4	5
22	Sequestration of Catechol and Pentachlorophenol by Mechanochemically Treated Kaolinite. Clays and Clay Minerals, 2016, 64, 513-522.	0.6	5
23	Capability of Diffuse Reflectance Spectroscopy to Predict Soil Water Retention and Related Soil Properties in an Irrigated Lowland District of Southern Italy. Water (Switzerland), 2019, 11, 1712.	1.2	4
24	Using Spectrometric Colour Measurement for the Prediction of Soil PCBs in a Contaminated Site of Southern Italy. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	4
25	Plant-assisted bioremediation: Soil recovery and energy from biomass. , 2022, , 25-48.		4
26	PM2.5 in Indoor Air of a Bakery: Chemical Characterization and Size Distribution. Atmosphere, 2020, 11, 415.	1.0	3
27	Detecting soil organic carbon by CASI hyperspectral images. , 2014, , .		2
28	Fluidized bed gasification of biomass from plant-assisted bioremediation: Fate of contaminants. Sustainable Energy Technologies and Assessments, 2022, 53, 102458.	1.7	2
29	Optimized protocol proposal to extract eDNA from oligotrophic and degraded water samples. ARPHA Conference Abstracts, 0, 4, .	0.0	0