Carmen Fajardo

List of Publications by Year in descending order

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19 papers	601 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	786 citing authors

#	Article	IF	Citations
1	Assessing the role of polyethylene microplastics as a vector for organic pollutants in soil: Ecotoxicological and molecular approaches. Chemosphere, 2022, 288, 132460.	8.2	36
2	Copper and Chromium toxicity is mediated by oxidative stress in Caenorhabditis elegans: The use of nanoparticles as an immobilization strategy. Environmental Toxicology and Pharmacology, 2022, 92, 103846.	4.0	9
3	Assessment of Sustainability of Bio Treated Lignocellulose-Based Oleogels. Polymers, 2021, 13, 267.	4.5	10
4	Effectiveness of a Hybrid Project-Based Learning (H-PBL) Approach for Studentsâ€™ Knowledge Gain and Satisfaction in a Plant Tissue Culture Course. Education Sciences, 2021, 11, 335.	2.6	4
5	Bioassays to assess the ecotoxicological impact of polyethylene microplastics and two organic pollutants, simazine and ibuprofen. Chemosphere, 2021, 274, 129704.	8.2	20
6	Evaluation of nanoremediation strategy in a Pb, Zn and Cd contaminated soil. Science of the Total Environment, 2020, 706, 136041.	8.0	50
7	Ecotoxicogenomic analysis of stress induced on Caenorhabditis elegans in heavy metal contaminated soil after nZVI treatment. Chemosphere, 2020, 254, 126909.	8.2	13
8	A new fluorescent oligonucleotide probe for in-situ identification of Microcystis aeruginosa in freshwater. Microchemical Journal, 2019, 148, 503-513.	4.5	11
9	New insights into the impact of nZVI on soil microbial biodiversity and functionality. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 157-167.	1.7	18
10	Pb, Cd, and Zn soil contamination: Monitoring functional and structural impacts on the microbiome. Applied Soil Ecology, 2019, 135, 56-64.	4.3	117
11	NEW MOLECULAR TOOLS: APPLICATION OF THE ÂµAQUA PHYLOCHIP AND CONCOMITANT FISH PROBES TO STUDY FRESHWATER PATHOGENS FROM SAMPLES TAKEN ALONG THE TIBER RIVER, ITALY. , 2017, , .		1
12	Three Functional Biomarkers for Monitoring the Nanoscale Zero-Valent Iron (nZVI)-Induced Molecular Signature on Soil Organisms. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	4
13	Integrating classical and molecular approaches to evaluate the impact of nanosized zero-valent iron (nZVI) on soil organisms. Chemosphere, 2014, 104, 184-189.	8.2	79
14	Molecular Stress Responses to Nano-Sized Zero-Valent Iron (nZVI) Particles in the Soil Bacterium Pseudomonas stutzeri. PLoS ONE, 2014, 9, e89677.	2.5	65
15	Effects of Nano Zero-Valent Iron on Klebsiella oxytoca and Stress Response. Microbial Ecology, 2013, 66, 806-812.	2.8	27
16	Assessment of s-Triazine Catabolic Potential in Soil Bacterial Isolates Applying atz Genes as Functional Biomarkers. Water, Air, and Soil Pollution, 2012, 223, 3385-3392.	2.4	14
17	The role of a groundwater bacterial community in the degradation ofÃ¢Â€Âƒ the herbicide terbuthylazine. FEMS Microbiology Ecology, 2010, 71, 127-136.	2.7	61
18	A new fluorescent oligonucleotide probe for in situ detection of s-triazine-degrading Rhodococcus wratislaviensis in contaminated groundwater and soil samples. Water Research, 2009, 43, 2999-3008.	11.3	36

#	Article	IF	Citations
19	Application of fluorescence in situ hybridization technique to detect simazine-degrading bacteria in soil samples. Chemosphere, 2008, 71, 703-710.	8.2	26