

# Carmen Fajardo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2303439/publications.pdf>

Version: 2024-02-01

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	Pb, Cd, and Zn soil contamination: Monitoring functional and structural impacts on the microbiome. <i>Applied Soil Ecology</i> , 2019, 135, 56-64.	4.3	117
2	Integrating classical and molecular approaches to evaluate the impact of nanosized zero-valent iron (nZVI) on soil organisms. <i>Chemosphere</i> , 2014, 104, 184-189.	8.2	79
3	Molecular Stress Responses to Nano-Sized Zero-Valent Iron (nZVI) Particles in the Soil Bacterium <i>Pseudomonas stutzeri</i> . <i>PLoS ONE</i> , 2014, 9, e89677.	2.5	65
4	The role of a groundwater bacterial community in the degradation of the herbicide terbuthylazine. <i>FEMS Microbiology Ecology</i> , 2010, 71, 127-136.	2.7	61
5	Evaluation of nanoremediation strategy in a Pb, Zn and Cd contaminated soil. <i>Science of the Total Environment</i> , 2020, 706, 136041.	8.0	50
6	A new fluorescent oligonucleotide probe for in situ detection of s-triazine-degrading <i>Rhodococcus wratislaviensis</i> in contaminated groundwater and soil samples. <i>Water Research</i> , 2009, 43, 2999-3008.	11.3	36
7	Assessing the role of polyethylene microplastics as a vector for organic pollutants in soil: Ecotoxicological and molecular approaches. <i>Chemosphere</i> , 2022, 288, 132460.	8.2	36
8	Effects of Nano Zero-Valent Iron on <i>Klebsiella oxytoca</i> and Stress Response. <i>Microbial Ecology</i> , 2013, 66, 806-812.	2.8	27
9	Application of fluorescence in situ hybridization technique to detect simazine-degrading bacteria in soil samples. <i>Chemosphere</i> , 2008, 71, 703-710.	8.2	26
10	Bioassays to assess the ecotoxicological impact of polyethylene microplastics and two organic pollutants, simazine and ibuprofen. <i>Chemosphere</i> , 2021, 274, 129704.	8.2	20
11	New insights into the impact of nZVI on soil microbial biodiversity and functionality. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 157-167.	1.7	18
12	Assessment of s-Triazine Catabolic Potential in Soil Bacterial Isolates Applying atz Genes as Functional Biomarkers. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3385-3392.	2.4	14
13	Ecotoxicogenomic analysis of stress induced on <i>Caenorhabditis elegans</i> in heavy metal contaminated soil after nZVI treatment. <i>Chemosphere</i> , 2020, 254, 126909.	8.2	13
14	A new fluorescent oligonucleotide probe for in-situ identification of <i>Microcystis aeruginosa</i> in freshwater. <i>Microchemical Journal</i> , 2019, 148, 503-513.	4.5	11
15	Assessment of Sustainability of Bio Treated Lignocellulose-Based Oleogels. <i>Polymers</i> , 2021, 13, 267.	4.5	10
16	Copper and Chromium toxicity is mediated by oxidative stress in <i>Caenorhabditis elegans</i> : The use of nanoparticles as an immobilization strategy. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103846.	4.0	9
17	Three Functional Biomarkers for Monitoring the Nanoscale Zero-Valent Iron (nZVI)-Induced Molecular Signature on Soil Organisms. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	4
18	Effectiveness of a Hybrid Project-Based Learning (H-PBL) Approach for Students' Knowledge Gain and Satisfaction in a Plant Tissue Culture Course. <i>Education Sciences</i> , 2021, 11, 335.	2.6	4

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19	NEW MOLECULAR TOOLS: APPLICATION OF THE $\mu$ AQUA PHYLOCHIP AND CONCOMITANT FISH PROBES TO STUDY FRESHWATER PATHOGENS FROM SAMPLES TAKEN ALONG THE TIBER RIVER, ITALY. , 2017, , .		1