M Gil-DÃ-az

List of Publications by Year
in descending order

30 papers	1,234 citations	516215 16 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	1317 citing authors

#	Article	IF	Citations
1	Viability of a nanoremediationâ€‰ process in single or multi-metal(loid) contaminated soils. Journal of Hazardous Materials, 2017, 321, 812-819.	6.5	120
2	A nanoremediation strategy for the recovery of an As-polluted soil. Chemosphere, 2016, 149, 137-145.	4.2	111
3	Characterization of the volatile fraction of young wines from the Denomination of Origin â€œVinos de Madridâ€•(Spain). Analytica Chimica Acta, 2006, 563, 145-153.	2.6	104
4	Comparing different commercial zero valent iron nanoparticles to immobilize As and Hg in brownfield soil. Science of the Total Environment, 2017, 584-585, 1324-1332.	3.9	101
5	Zero valent iron and goethite nanoparticles as new promising remediation techniques for As-polluted soils. Chemosphere, 2020, 238, 124624.	4.2	79
6	Residual impact of aged nZVI on heavy metal-polluted soils. Science of the Total Environment, 2015, 535, 79-84.	3.9	71
7	Immobilisation of Pb and Zn in Soils Using Stabilised Zeroâ€valent Iron Nanoparticles: Effects on Soil Properties. Clean - Soil, Air, Water, 2014, 42, 1776-1784.	0.7	61
8	Nanoremediation and long-term monitoring of brownfield soil highly polluted with As and Hg. Science of the Total Environment, 2019, 675, 165-175.	3.9	60
9	Reducing the mobility of arsenic in brownfield soil using stabilised zero-valent iron nanoparticles. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1361-1369.	0.9	58
10	Correlating e-nose responses to wine sensorial descriptors and gas chromatographyâ€“mass spectrometry profiles using partial least squares regression analysis. Sensors and Actuators B: Chemical, 2007, 127, 267-276.	4.0	55
11	A comparative study of sensor array and GCâ€“MS: application to Madrid wines characterization. Sensors and Actuators B: Chemical, 2004, 102, 299-307.	4.0	54
12	Mercury uptake by Silene vulgaris grown on contaminated spiked soils. Journal of Environmental Management, 2012, 95, S233-S237.	3.8	48
13	Magnetite nanoparticles for the remediation of soils co-contaminated with As and PAHs. Chemical Engineering Journal, 2020, 399, 125809.	6.6	48
14	Threshold detection of aromatic compounds in wine with an electronic nose and a human sensory panel. Talanta, 2010, 80, 1899-1906.	2.9	47
15	Evaluation of the stability of a nanoremediation strategy using barley plants. Journal of Environmental Management, 2016, 165, 150-158.	3.8	41
16	Immobilization and Leaching of Pb and Zn in an Acidic Soil Treated with Zerovalent Iron Nanoparticles (nZVI): Physicochemical and Toxicological Analysis of Leachates. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	39
17	Metal tolerance in barley and wheat cultivars: physiological screening methods and application in phytoremediation. Journal of Soils and Sediments, 2017, 17, 1403-1412.	1.5	17
18	Effectiveness of nanoscale zero-valent iron for the immobilization of Cu and/or Ni in water and soil samples. Scientific Reports, 2020, 10, 15927.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Iron nanoparticles are efficient at removing mercury from polluted waters. Journal of Cleaner Production, 2021, 315, 128272.	4.6	16
20	Comparison of Nanoscale Zero-Valent Iron, Compost, and Phosphate for Pb Immobilization in an Acidic Soil. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	15
21	Iron nanoparticles to recover a co-contaminated soil with Cr and PCBs. Scientific Reports, 2022, 12, 3541.	1.6	14
22	Response of Two Barley Cultivars to Increasing Concentrations of Cadmium or Chromium in Soil During the Growing Period. Biological Trace Element Research, 2015, 163, 235-243.	1.9	13
23	Free D-amino acids determination in ready-to-eat cooked ham irradiated with electron-beam by indirect chiral HPLC. Meat Science, 2009, 82, 24-29.	2.7	12
24	Selecting efficient methodologies for estimation of As and Hg availability in a brownfield. Environmental Pollution, 2021, 270, 116290.	3.7	11
25	Effect of electron-beam irradiation on cholesterol oxide formation in different ready-to-eat foods. Innovative Food Science and Emerging Technologies, 2011, 12, 519-525.	2.7	9
26	Response of spinach plants to different doses of two commercial nanofertilizers. Scientia Horticulturae, 2022, 301, 111143.	1.7	6
27	Potential Diffusion of Doramectin into a Soil Amended with Female Pig Manure. A Field Experiment. Journal of Agricultural and Food Chemistry, 2011, 59, 10635-10640.	2.4	4
28	ECO-physiological response ofS. vulgaristo CR(VI): Influence of concentration and genotype. International Journal of Phytoremediation, 2016, 18, 567-574.	1.7	4
29	Threshold detection of aromatic compounds in wine with an electronic nose and a human sensory panel. , 2009, , .		0
30	Phytomanagement of Metal(loid) Polluted Soil Using Barley and Wheat Plants. Nanotechnology in the Life Sciences, 2020, , 191-226.	0.4	0