

# Remigio Paradelo

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

1,908  
citations

279798

23  
h-index

289244

40  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Net effect of liming on soil organic carbon stocks: A review. <i>Agriculture, Ecosystems and Environment</i> , 2015, 202, 98-107.	5.3	192
2	Soils and sustainable development goals of the United Nations: An International Union of Soil Sciences perspective. <i>Geoderma Regional</i> , 2021, 25, e00398.	2.1	133
3	Evolution of organic matter during the mesophilic composting of lignocellulosic winery wastes. <i>Journal of Environmental Management</i> , 2013, 116, 18-26.	7.8	115
4	Occurrence of tetracyclines and sulfonamides in manures, agricultural soils and crops from different areas in Galicia (NW Spain). <i>Journal of Cleaner Production</i> , 2018, 197, 491-500.	9.3	112
5	Ex Situ Treatment of Hydrocarbon-Contaminated Soil Using Biosurfactants from <i>Lactobacillus pentosus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9443-9447.	5.2	62
6	Reduction of the short-term availability of copper, lead and zinc in a contaminated soil amended with municipal solid waste compost. <i>Journal of Hazardous Materials</i> , 2011, 188, 98-104.	12.4	58
7	Phosphorus removal from wastewater using mussel shell: Investigation on retention mechanisms. <i>Ecological Engineering</i> , 2016, 97, 558-566.	3.6	55
8	Evaluation of the potential capacity as biosorbents of two MSW composts with different Cu, Pb and Zn concentrations. <i>Bioresource Technology</i> , 2012, 104, 810-813.	9.6	54
9	Partial Characterization of Biosurfactant from <i>Lactobacillus pentosus</i> and Comparison with Sodium Dodecyl Sulphate for the Bioremediation of Hydrocarbon Contaminated Soil. <i>BioMed Research International</i> , 2013, 2013, 1-6.	1.9	52
10	Distribution and availability of trace elements in municipal solid waste composts. <i>Journal of Environmental Monitoring</i> , 2011, 13, 201-211.	2.1	45
11	Water-holding capacity and plant growth in compost-based substrates modified with polyacrylamide, guar gum or bentonite. <i>Scientia Horticulturae</i> , 2019, 243, 344-349.	3.6	45
12	Fractionation and Bioavailability of Arsenic in the Bed Sediments of the Anllóns River (NW Spain). <i>Water, Air, and Soil Pollution</i> , 2008, 195, 189-199.	2.4	43
13	Water-dispersible clay in bare fallow soils after 80years of continuous fertilizer addition. <i>Geoderma</i> , 2013, 200-201, 40-44.	5.1	40
14	Trace metal availability in soil horizons amended with various urban waste composts during 17“years “ Monitoring and modelling. <i>Science of the Total Environment</i> , 2019, 651, 2961-2974.	8.0	40
15	Utilization of MSW compost for organic matter conservation in agricultural soils of NW Spain. <i>Resources, Conservation and Recycling</i> , 2009, 53, 529-534.	10.8	38
16	Valorization of biosorbent obtained from a forestry waste: Competitive adsorption, desorption and transport of Cd, Cu, Ni, Pb and Zn. <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 118-126.	6.0	38
17	Promoting sustainability in the mussel industry: mussel shell recycling to fight fluoride pollution. <i>Journal of Cleaner Production</i> , 2016, 131, 485-490.	9.3	30
18	Study of metal transport through pine bark for reutilization as a biosorbent. <i>Chemosphere</i> , 2016, 149, 146-153.	8.2	30

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19	Changes in Cd, Cu, Ni, Pb and Zn Fractionation and Liberation Due to Mussel Shell Amendment on a Mine Soil. <i>Land Degradation and Development</i> , 2016, 27, 1276-1285.	3.9	28
20	Heavy metals fractionation and desorption in pine bark amended mine soils. <i>Journal of Environmental Management</i> , 2017, 192, 79-88.	7.8	26
21	Carbon and nitrogen mineralization in a vineyard soil amended with grape marc vermicompost. <i>Waste Management and Research</i> , 2011, 29, 1177-1184.	3.9	24
22	As(V) and P Competitive Sorption on Soils, By-Products and Waste Materials. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15706-15715.	2.6	24
23	Soil physical properties of a Luvisol developed on loess after 15 years of amendment with compost. <i>Soil and Tillage Research</i> , 2019, 191, 207-215.	5.6	24
24	Can Stability and Maturity Be Evaluated in Finished Composts from Different Sources?. <i>Compost Science and Utilization</i> , 2010, 18, 22-31.	1.2	23
25	Soil organic matter stabilization at the pluri-decadal scale: Insight from bare fallow soils with contrasting physicochemical properties and macrostructures. <i>Geoderma</i> , 2016, 275, 48-54.	5.1	23
26	Utilization of a Factorial Design To Study the Composting of Hydrolyzed Grape Marc and Vinification Lees. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3085-3092.	5.2	22
27	Physicochemical and biochemical properties of an acid soil under potato culture amended with municipal solid waste compost. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019, 8, 171-178.	2.0	22
28	Potential use of composts and vermicomposts as low-cost adsorbents for dye removal: an overlooked application. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21085-21097.	5.3	21
29	Influence of organic matter and texture on the compactability of Technosols. <i>Catena</i> , 2013, 110, 95-99.	5.0	20
30	The effects of worms, clay and biochar on CO <sub>2</sub> emissions during production and soil application of co-composts. <i>Soil</i> , 2016, 2, 673-683.	4.9	20
31	RELATIONSHIP BETWEEN HEAVY METALS AND PHYTOTOXICITY IN COMPOSTS RELACIÃO ENTRE METALES PESADOS Y FITOTOXICIDAD EN COMPOSTS. <i>Ciencia Y Tecnología Alimentaria</i> , 2008, 6, 143-151.	0.4	18
32	Plant tests for determining the suitability of grape marc composts as components of plant growth media. <i>Waste Management and Research</i> , 2012, 30, 1059-1065.	3.9	18
33	Amelioration of the Physical Properties of Slate Processing Fines using Grape Marc Compost and Vermicompost. <i>Soil Science Society of America Journal</i> , 2009, 73, 1251-1260.	2.2	17
34	Effect of the addition of granitic powder to an acidic soil from Galicia (NW Spain) in comparison with lime. <i>Environmental Earth Sciences</i> , 2013, 68, 429-437.	2.7	17
35	Treatment of red wine vinasses with non-conventional substrates for removing coloured compounds. <i>Water Science and Technology</i> , 2009, 59, 1585-1592.	2.5	15
36	Properties of slate mining wastes incubated with grape marc compost under laboratory conditions. <i>Waste Management</i> , 2009, 29, 579-584.	7.4	15

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37	Effect of moisture and disaggregation on the microbial activity of soil. <i>Soil and Tillage Research</i> , 2009, 104, 317-319.	5.6	15
38	Mineralogy and modulus of rupture of roofing slate: Applications in the prospection and quarrying of slate deposits. <i>Engineering Geology</i> , 2010, 114, 191-197.	6.3	15
39	Retention of quaternary ammonium herbicides by acid vineyard soils with different organic matter and Cu contents. <i>Geoderma</i> , 2017, 293, 26-33.	5.1	15
40	Heavy Metal Uptake of Lettuce and Ryegrass from Urban Waste Composts. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2887.	2.6	15
41	A pot experiment with mixtures of slate processing fines and compost. <i>Geoderma</i> , 2007, 141, 363-369.	5.1	14
42	Removal of anionic pollutants by pine bark is influenced by the mechanism of retention. <i>Chemosphere</i> , 2017, 167, 139-145.	8.2	14
43	Comparison of the sorption capacity of basic, acid, direct and reactive dyes by compost in batch conditions. <i>Journal of Environmental Management</i> , 2021, 294, 113005.	7.8	14
44	Reduction of Water Repellence of Hydrophobic Plant Substrates Using Biosurfactant Produced from Hydrolyzed Grape Marc. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4895-4899.	5.2	13
45	Passivation techniques to prevent corrosion of iron sulphides in roofing slates. <i>Corrosion Science</i> , 2009, 51, 2387-2392.	6.6	13
46	Trace elements in compost regulation: The case of Spain. <i>Waste Management</i> , 2011, 31, 407-410.	7.4	13
47	As(V)/Cr(VI) pollution control in soils, hemp waste, and other by-products: competitive sorption trials. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19182-19192.	5.3	13
48	Competitive removal of textile dyes from solution by pine bark-compost in batch and fixed bed column experiments. <i>Environmental Technology and Innovation</i> , 2022, 27, 102421.	6.1	13
49	Phosphorus retention on forest and vineyard soil samples, mussel shell, pine-sawdust, and on pyritic, granitic and waste materials. <i>Geoderma</i> , 2016, 280, 8-13.	5.1	12
50	Poorly-crystalline components in aggregates from soils under different land use and parent material. <i>Catena</i> , 2016, 144, 141-150.	5.0	12
51	Centennial Fertilization-Induced Soil Processes Control Trace Metal Dynamics. Lessons from a Long-Term Bare Fallow Experiment. <i>Soil Systems</i> , 2018, 2, 23.	2.6	11
52	F sorption/desorption on two soils and on different by-products and waste materials. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14676-14685.	5.3	10
53	Chemical Fractionation of Trace Elements in a Metal-Rich Amphibolite Soil Amended with Municipal Solid Waste Composts. <i>Waste and Biomass Valorization</i> , 2018, 9, 1935-1943.	3.4	10
54	Utilization of Composts for Adsorption of Methylene Blue from Aqueous Solutions: Kinetics and Equilibrium Studies. <i>Materials</i> , 2020, 13, 2179.	2.9	10

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55	Influence of land use on the microbiological properties of urban soils. <i>Applied Soil Ecology</i> , 2022, 175, 104452.	4.3	10
56	Characterization of slate processing fines according to parameters of relevance for mine spoil reclamation. <i>Applied Clay Science</i> , 2008, 41, 172-180.	5.2	9
57	Effect of a compost mulch on seed germination and plant growth in a burnt forest soil from NW Spain. <i>Journal of Soil Science and Plant Nutrition</i> , 2012, 12, 73-86.	3.4	9
58	Acidification of mixtures of granite powder and compost for reuse in plant production. <i>Compost Science and Utilization</i> , 2016, 24, 1-10.	1.2	9
59	Magnetic susceptibility as an indicator of heavy metal contamination in compost. <i>Waste Management and Research</i> , 2009, 27, 46-51.	3.9	8
60	Physiologically based extraction of heavy metals in compost: Preliminary results. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007, 21, 83-85.	3.0	7
61	Composting modifies the patterns of incorporation of OC and N from plant residues into soil aggregates. <i>Geoderma</i> , 2019, 353, 415-422.	5.1	7
62	Potentially Toxic Trace Elements in the Urban Soils of Santiago de Compostela (Northwestern Spain). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4211.	2.5	7
63	Nutrient Release Dynamics in Soils Amended With Municipal Solid Waste Compost in Laboratory Incubations. <i>Compost Science and Utilization</i> , 2011, 19, 235-243.	1.2	6
64	Monitoring benthic microflora in river bed sediments: a case study in the AnllÃ³ns River (Spain). <i>Journal of Soils and Sediments</i> , 2016, 16, 1825-1839.	3.0	6
65	Composition and chemical properties of the soils of the city of Santiago de Compostela, northwestern Spain. <i>Journal of Environmental Quality</i> , 2021, 50, 7-21.	2.0	6
66	Availability and fractionation of Cu, Pb and Zn in an acid soil from Galicia (NW Spain) amended with municipal solid waste compost. <i>Spanish Journal of Soil Science</i> , 0, 7, .	0.0	6
67	Degradability of building stone: Influence of the porous network on the rate of dissolution of carbonate and evaporitic rocks. <i>Journal of Cultural Heritage</i> , 2013, 14, 89-96.	3.3	5
68	Optimization of Direct Blue 71 sorption by organic rich-compost following multilevel multifactor experimental design. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103468.	4.9	5
69	Can long-term fertilization accelerate pedogenesis? Depicting soil processes boosted by annual NPK-inputs since 1928 on bare loess Luvisol (INRAE-Versailles). <i>Geoderma</i> , 2022, 416, 115808.	5.1	5
70	Reutilization of granite powder as a component of permeable reactive barriers for the treatment of Cr(VI)-contaminated waters .. <i>Spanish Journal of Soil Science</i> , 0, 4, .	0.0	4
71	Mobility of Cu and Zn in Soil Amended with Composts at Different Degrees of Maturity. <i>Waste and Biomass Valorization</i> , 2017, 8, 633-643.	3.4	3
72	Retention and transport of mecoprop on acid sandy-loam soils. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 82-88.	6.0	3

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73	A microcosm study of permeable reactive barriers filled with granite powder and compost for the treatment of water contaminated with Cr (VI). Spanish Journal of Soil Science, 0, 5, .	0.0	2
74	La mina de wolframio de Valborraz: descripci3n de una fuente potencial de contaminaci3n por ars3nico. Cadernos Do Laboratorio Xeoloxico De Laxe, 0, 37, 147-162.	0.0	0
75	Magnetic susceptibility and trace element distribution in compost size fractions .. Spanish Journal of Soil Science, 0, 4, .	0.0	0
76	Effect of conversion from cropland to grassland on the labile organic matter of a coarse-textured soil. Journal of Agricultural Economics, 2017, , .	0.3	0