

# Marcos Paradelo

## List of Publications by Year in descending order

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44  
papers

1,036  
citations

394421

19  
h-index

434195

31  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bypass and hyperbole in soil science: A perspective from the next generation of soil scientists. <i>European Journal of Soil Science</i> , 2021, 72, 31-34.	3.9	1
2	Percolation theory applied to soil tomography. <i>Geoderma</i> , 2020, 357, 113959.	5.1	15
3	3D multifractal characterization of computed tomography images of soils under different tillage management: Linking multifractal parameters to physical properties. <i>Geoderma</i> , 2020, 363, 114129.	5.1	13
4	A new method to trace colloid transport pathways in macroporous soils using X-ray computed tomography and fluorescence macrophotography. <i>European Journal of Soil Science</i> , 2019, 70, 431-442.	3.9	18
5	Linking pore network characteristics extracted from CT images to the transport of solute and colloid tracers in soils under different tillage managements. <i>Soil and Tillage Research</i> , 2018, 177, 145-154.	5.6	29
6	Particle Leaching Rates from a Loamy Soil Are Controlled by the Mineral Fines Content and the Degree of Preferential Flow. <i>Journal of Environmental Quality</i> , 2018, 47, 1538-1545.	2.0	3
7	Humic acids modify the pulse size distributions in the characterization of plastic microparticles by Tunable Resistive Pulse Sensing. <i>Journal of Contaminant Hydrology</i> , 2018, 218, 59-69.	3.3	1
8	Effects of Biochar on Dispersibility of Colloids in Agricultural Soils. <i>Journal of Environmental Quality</i> , 2017, 46, 143-152.	2.0	21
9	Clay-to-Carbon Ratio Controls the Effect of Herbicide Application on Soil Bacterial Richness and Diversity in a Loamy Field. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	3
10	Pressure Jumps during Drainage in Macroporous Soils. <i>Vadose Zone Journal</i> , 2017, 16, 1-12.	2.2	5
11	Concentration levels of new-generation fungicides in throughfall released by foliar wash-off from vineyards. <i>Journal of Environmental Management</i> , 2017, 203, 467-475.	7.8	6
12	X-ray CT-Derived Soil Characteristics Explain Varying Air, Water, and Solute Transport Properties across a Loamy Field. <i>Vadose Zone Journal</i> , 2016, 15, 1-13.	2.2	52
13	Soil Properties Control Glyphosate Sorption in Soils Amended with Birch Wood Biochar. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	27
14	Field-Scale Predictions of Soil Contaminant Sorption Using Visible-Near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2016, 24, 281-291.	1.5	20
15	Rainfall-induced removal of copper-based spray residues from vines. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 304-310.	6.0	20
16	Water and solute transport in agricultural soils predicted by volumetric clay and silt contents. <i>Journal of Contaminant Hydrology</i> , 2016, 192, 194-202.	3.3	21
17	Sepia ink as a surrogate for colloid transport tests in porous media. <i>Journal of Contaminant Hydrology</i> , 2016, 191, 88-98.	3.3	4
18	Predictivity Strength of the Spatial Variability of Phenanthrene Sorption Across Two Sandy Loam Fields. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	6

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19	Prediction of the glyphosate sorption coefficient across two loamy agricultural fields. <i>Geoderma</i> , 2015, 259-260, 224-232.	5.1	31
20	Modeling raindrop strike performance on copper wash-off from vine leaves. <i>Journal of Environmental Management</i> , 2015, 150, 472-478.	7.8	11
21	Rainfall partitioning into throughfall, stemflow and interception loss by two xerophytic shrubs within a rain-fed re-vegetated desert ecosystem, northwestern China. <i>Journal of Hydrology</i> , 2015, 527, 1084-1095.	5.4	99
22	Modeling losses of copper-based fungicide foliar sprays in wash-off under simulated rain. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 661-672.	3.5	12
23	Predicting release and transport of pesticides from a granular formulation during unsaturated diffusion in porous media. <i>Journal of Contaminant Hydrology</i> , 2014, 158, 14-22.	3.3	10
24	Phenanthrene Sorption on Biochar-Amended Soils: Application Rate, Aging, and Physicochemical Properties of Soil. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	46
25	Cyprodinil retention on mixtures of soil and solid wastes from wineries. Effects of waste dose and ageing. <i>Environmental Science and Pollution Research</i> , 2014, 21, 9785-9795.	5.3	9
26	Effects of Biochar on Air and Water Permeability and Colloid and Phosphorus Leaching in Soils from a Natural Calcium Carbonate Gradient. <i>Journal of Environmental Quality</i> , 2014, 43, 647-657.	2.0	45
27	SPATIAL DISTRIBUTION OF COPPER FRACTIONS IN A VINEYARD SOIL. <i>Land Degradation and Development</i> , 2013, 24, 556-563.	3.9	32
28	Heavy metal retention in copper mine soil treated with mussel shells: Batch and column experiments. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 122-130.	12.4	45
29	Modeling the influence of raindrop size on the wash-off losses of copper-based fungicides sprayed on potato ( <i>Solanum tuberosum</i> L.) leaves. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013, 48, 737-746.	1.5	15
30	Effects of Past Copper Contamination and Soil Structure on Copper Leaching from Soil. <i>Journal of Environmental Quality</i> , 2013, 42, 1852-1862.	2.0	23
31	Coupled transport of humic acids and copper through saturated porous media. <i>European Journal of Soil Science</i> , 2012, 63, 708-716.	3.9	18
32	Influence of pore water velocity on the release of carbofuran and fenamiphos from commercial granulates embedded in a porous matrix. <i>Journal of Contaminant Hydrology</i> , 2012, 142-143, 75-81.	3.3	5
33	Facilitated Transport of Copper with Hydroxyapatite Nanoparticles in Saturated Sand. <i>Soil Science Society of America Journal</i> , 2012, 76, 375-388.	2.2	39
34	Facilitated transport of Cu with hydroxyapatite nanoparticles in saturated sand: Effects of solution ionic strength and composition. <i>Water Research</i> , 2011, 45, 5905-5915.	11.3	109
35	Influence of soluble copper on the electrokinetic properties and transport of copper oxychloride-based fungicide particles. <i>Journal of Contaminant Hydrology</i> , 2011, 126, 37-44.	3.3	8
36	Influence of the adjuvants in a commercial formulation of the fungicide <i>Switch</i> on the adsorption of their active ingredients: Cyprodinil and fludioxonil, on soils devoted to vineyard. <i>Journal of Hazardous Materials</i> , 2011, 193, 288-295.	12.4	29

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37	Transport behavior of humic acid-modified nano-hydroxyapatite in saturated packed column: Effects of Cu, ionic strength, and ionic composition. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 398-407.	9.4	54
38	Behaviour of metalaxyl as copper oxychlorideâ€“metalaxyl commercial formulation vs. technical grade-metalaxyl in vineyards-devoted soils. <i>Journal of Hazardous Materials</i> , 2010, 174, 181-187.	12.4	21
39	Effect of Particle Size on Copper Oxychloride Transport through Saturated Sand Columns. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6870-6875.	5.2	3
40	Detachment of sprayed colloidal copper oxychlorideâ€“metalaxyl fungicides by a shallow water flow. <i>Pest Management Science</i> , 2009, 65, 615-623.	3.4	13
41	Transport of Copper Oxychloride-Based Fungicide Particles in Saturated Quartz Sand. <i>Environmental Science &amp; Technology</i> , 2009, 43, 8860-8866.	10.0	10
42	Influence of Soil Characteristics on Copper Sorption from a Copper Oxychloride Fungicide. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2843-2848.	5.2	12
43	Simulating Washoff of Cu-Based Fungicide Sprays by Using a Rotating Shear Device. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5795-5800.	5.2	25
44	Influence of pH and Soil Copper on Adsorption of Metalaxyl and Penconazole by the Surface Layer of Vineyard Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8155-8162.	5.2	46