

# Francisco JosÃ© MartÃ­n Peinado

## List of Publications by Year in descending order

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81  
papers

2,226  
citations

172386

29  
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243529

44  
g-index

84  
all docs

84  
docs citations

84  
times ranked

2665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human health risks associated with urban soils in mining areas. <i>Environmental Research</i> , 2022, 206, 112514.	3.7	9
2	Application of Biochar for the Restoration of Metal(loid)s Contaminated Soils. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1918.	1.3	3
3	Mineralogical association and geochemistry of potentially toxic elements in urban soils under the influence of mining. <i>Catena</i> , 2022, 217, 106517.	2.2	6
4	A review of the world's soil museums and exhibitions. <i>Advances in Agronomy</i> , 2021, 166, 277-304.	2.4	6
5	Long-term assessment of remediation treatments applied to an area affected by a mining spill in Spain. <i>Land Degradation and Development</i> , 2021, 32, 2481-2492.	1.8	5
6	Site formation processes and urban transformations during Late Antiquity from a high-resolution geoarchaeological perspective: <i>Baelo Claudia</i> , Spain. <i>Geoarchaeology - an International Journal</i> , 2020, 35, 258-286.	0.7	7
7	Arsenic Fixation in Polluted Soils by Peat Applications. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 968.	0.8	8
8	Evolution of the Residual Pollution in Soils after Bioremediation Treatments. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1006.	1.3	13
9	POTTERY GRAVE GOODS FROM FUNERARY CONTEXTS AT THE ARGARIC SITE OF PEÑALOSA (JAÉN). A METHODOLOGICAL APPROACH. <i>Journal of Ancient History and Archaeology</i> , 2020, 7, .	0.0	0
10	The role of organic amendment in soils affected by residual pollution of potentially harmful elements. <i>Chemosphere</i> , 2019, 237, 124549.	4.2	19
11	Spectral signs of aeolian activity around a sand-dune belt in northern Algeria. <i>Catena</i> , 2019, 182, 104175.	2.2	6
12	A quick methodology for the evaluation of preliminary toxicity levels in soil samples associated to a potentially heavy-metal pollution in an abandoned ore mining site. <i>Chemosphere</i> , 2019, 222, 345-354.	4.2	8
13	Residual pollution and vegetation distribution in amended soils 20 years after a pyrite mine tailings spill (Aznalcázar, Spain). <i>Science of the Total Environment</i> , 2019, 650, 933-940.	3.9	43
14	Effectiveness of ecotoxicological tests in relation to physicochemical properties of Zn and Cu polluted Mediterranean soils. <i>Geoderma</i> , 2019, 338, 259-268.	2.3	19
15	Melting, bathing and melting again. Urban transformation processes of the Roman city of Munigua: the public thermae. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 51-67.	0.7	4
16	Organic olive farming in Andalusia, Spain. A review. <i>Agronomy for Sustainable Development</i> , 2018, 38, 1.	2.2	30
17	Application of fuzzy logic approach for wind erosion hazard mapping in Laghouat region (Algeria) using remote sensing and GIS. <i>Aeolian Research</i> , 2018, 32, 24-34.	1.1	23
18	Trace metal(loid) mobility in waste deposits and soils around Chadak mining area, Uzbekistan. <i>Science of the Total Environment</i> , 2018, 622-623, 1658-1667.	3.9	10

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19	Effects of aging and soil properties on zinc oxide nanoparticle availability and its ecotoxicological effects to the earthworm <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 137-146.	2.2	72
20	Evaluation of remediation techniques in soils affected by residual contamination with heavy metals and arsenic. <i>Journal of Environmental Management</i> , 2017, 191, 228-236.	3.8	77
21	Effect of soil organic matter on antimony bioavailability after the remediation process. <i>Environmental Pollution</i> , 2017, 228, 425-432.	3.7	47
22	Restoration of Gypsicolous Vegetation on Quarry Slopes: Guidance for Hydroseeding under Contrasting Inclination and Aspect. <i>Land Degradation and Development</i> , 2017, 28, 2146-2154.	1.8	11
23	Modelling wind-erosion risk in the Laghouat region (Algeria) using geomatics approach. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	6
24	Extracción secuencial de metales pesados en dos suelos contaminados (Andisol y Vertisol) enmendados con Ácidos húmicos. <i>Acta Agronomica</i> , 2016, 65, 232-238.	0.0	4
25	Long-term Effects of Pine Plantations on Soil Quality in Southern Spain. <i>Land Degradation and Development</i> , 2016, 27, 1709-1720.	1.8	20
26	Researching Protected Geosites: In Situ and Non-Destructive Analysis of Mass-Extinction Bioevents. <i>Geoheritage</i> , 2016, 8, 351-357.	1.5	4
27	Long-term toxicity assessment of soils in a recovered area affected by a mining spill. <i>Environmental Pollution</i> , 2016, 208, 553-561.	3.7	40
28	Is soil basal respiration a good indicator of soil pollution?. <i>Geoderma</i> , 2016, 263, 132-139.	2.3	38
29	Soil-color changes by sulfuricization induced from a pyritic surface sediment. <i>Catena</i> , 2015, 135, 173-183.	2.2	18
30	Long-term contamination in a recovered area affected by a mining spill. <i>Science of the Total Environment</i> , 2015, 514, 219-223.	3.9	40
31	Effect of soil properties on the toxicity of Pb: Assessment of the appropriateness of guideline values. <i>Journal of Hazardous Materials</i> , 2015, 289, 46-53.	6.5	67
32	Influence of soil properties on the bioaccumulation and effects of arsenic in the earthworm <i>Eisenia andrei</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 15016-15028.	2.7	36
33	Effect of grain size and heavy metals on As immobilization by marble particles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6835-6841.	2.7	8
34	Efecto de la calidad de la materia orgánica asociada con el uso y manejo de suelos en la retención de cadmio en sistemas altoandinos de Colombia. <i>Acta Agronomica</i> , 2014, 63, 164-174.	0.0	11
35	Trace element concentrations and background values in the arid soils of Hormozgan Province of southern Iran. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 1125-1143.	1.3	26
36	Toxicity of arsenic in relation to soil properties: implications to regulatory purposes. <i>Journal of Soils and Sediments</i> , 2014, 14, 968-979.	1.5	71

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37	Lateral and vertical variations in contaminated sediments from the Tinto River area (Huelva, SW) Tj ETQq1 1 0.784314 rgBT /Overlock Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 426-437.	1.0	4
38	Adsorción de metales pesados en Andisoles, Vertisoles y Ácidos húmicos. Acta Agronomica, 2014, 64, 61-71.	0.0	5
39	Evaluación de la recuperación de suelos contaminados por el vertido de Aznalcóllar. Acta Agronomica, 2014, 64, 156-164.	0.0	1
40	Soil-carbon sequestration and soil-carbon fractions, comparison between poplar plantations and corn crops in south-eastern Spain. Soil and Tillage Research, 2013, 130, 1-6.	2.6	34
41	Mineralogy and Characteristics of Soils Developed on Persian Gulf and Oman Sea Basin, Southern Iran. Soil Science, 2013, 178, 568-584.	0.9	13
42	Land-use changes in a small watershed in the Mediterranean landscape (SE Spain): environmental implications of a shift towards subtropical crops. Journal of Land Use Science, 2013, 8, 47-58.	1.0	19
43	Fósforo remanente em solos formados sob diferentes materiais de origem em três topossequências, Pinheiral- RJ. Semina:Ciencias Agrarias, 2013, 34, 2089.	0.1	1
44	Environmental impact of introducing plant covers in the taluses of terraces: Implications for mitigating agricultural soil erosion and runoff. Catena, 2011, 84, 79-88.	2.2	53
45	The use of a combined portable X ray fluorescence and multivariate statistical methods to assess a validated macroscopic rock samples classification in an ore exploration survey. Talanta, 2011, 85, 2307-2315.	2.9	27
46	Serpentine and chlorite as effective Ni-Cu sinks during weathering of the Aguablanca sulphide deposit (SW Spain). TEM evidence for metal-retention mechanisms in sheet silicates. European Journal of Mineralogy, 2011, 23, 179-196.	0.4	23
47	Toxicity assessment using Lactuca sativa L. bioassay of the metal(loid)s As, Cu, Mn, Pb and Zn in soluble-in-water saturated soil extracts from an abandoned mining site. Journal of Soils and Sediments, 2011, 11, 281-289.	1.5	79
48	Use of liming in the remediation of soils polluted by sulphide oxidation: A leaching-column study. Journal of Hazardous Materials, 2010, 180, 241-246.	6.5	48
49	Afforestation improves soil fertility in south-eastern Spain. European Journal of Forest Research, 2010, 129, 707-717.	1.1	31
50	Soil-vegetation relationships in semi-arid Mediterranean old fields (SE Spain): Implications for management. Journal of Arid Environments, 2010, 74, 1525-1533.	1.2	24
51	Mobility of iridium in terrestrial environments: Implications for the interpretation of impact-related mass-extinctions. Geochimica Et Cosmochimica Acta, 2010, 74, 4531-4542.	1.6	17
52	A rapid field procedure for screening trace elements in polluted soil using portable X-ray fluorescence (PXRF). Geoderma, 2010, 159, 76-82.	2.3	103
53	Ambient trace element background concentrations in soils and their use in risk assessment. Science of the Total Environment, 2009, 407, 4622-4632.	3.9	38
54	Distribution of As and Zn in Soils Affected by the Spill of a Pyrite Mine and Effectiveness of the Remediation Measures. Water, Air, and Soil Pollution, 2009, 198, 77-85.	1.1	11

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55	Assessment of the Critical Load of Trace Elements in Soils Polluted by Pyrite tailings. A Laboratory Experiment. <i>Water, Air, and Soil Pollution</i> , 2009, 199, 381-387.	1.1	3
56	The environmental disaster of Aznalcóllar (southern Spain) as an approach to the Cretaceous-Palaeogene mass extinction event. <i>Geobiology</i> , 2009, 7, 533-543.	1.1	9
57	Litter decomposition and nitrogen release in a sloping Mediterranean subtropical agroecosystem on the coast of Granada (SE, Spain): Effects of floristic and topographic alteration on the slope. <i>Agriculture, Ecosystems and Environment</i> , 2009, 134, 79-88.	2.5	34
58	Mobility of Arsenic and Heavy Metals in a Sandy-Loam Textured and Carbonated Soil. <i>Pedosphere</i> , 2009, 19, 166-175.	2.1	34
59	Decalcifying effect of 15% EDTA, 15% citric acid, 5% phosphoric acid and 2.5% sodium hypochlorite on root canal dentine. <i>International Endodontic Journal</i> , 2008, 41, 418-423.	2.3	68
60	Remediation measures and displacement of pollutants in soils affected by the spill of a pyrite mine. <i>Science of the Total Environment</i> , 2008, 407, 23-39.	3.9	24
61	Soil alteration by continued oxidation of pyrite tailings. <i>Applied Geochemistry</i> , 2008, 23, 1152-1165.	1.4	26
62	Determination of phytotoxicity of soluble elements in soils, based on a bioassay with lettuce ( <i>Lactuca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.9	99
63	Background arsenic concentrations in Southeastern Spanish soils. <i>Science of the Total Environment</i> , 2007, 378, 5-12.	3.9	23
64	Weathering of primary minerals and mobility of major elements in soils affected by an accidental spill of pyrite tailing. <i>Science of the Total Environment</i> , 2007, 378, 49-52.	3.9	31
65	Remediation of As-Contaminated Soils in the Guadiamar River Basin (SW, Spain). <i>Water, Air, and Soil Pollution</i> , 2007, 180, 109-118.	1.1	24
66	Arsenic Contamination in Soils Affected by a Pyrite-mine Spill (Aznalcóllar, SW Spain). <i>Water, Air, and Soil Pollution</i> , 2007, 180, 271-281.	1.1	27
67	Interaction of limestone grains and acidic solutions from the oxidation of pyrite tailings. <i>Environmental Pollution</i> , 2005, 135, 65-72.	3.7	71
68	Thallium Behavior in Soils Polluted by Pyrite Tailings (Aznalcóllar, Spain). <i>Soil and Sediment Contamination</i> , 2004, 13, 25-36.	1.1	32
69	Remediation of Pb-Contaminated Soils in the Guadiamar River Basin (SW Spain). <i>Water, Air, and Soil Pollution</i> , 2004, 151, 323-333.	1.1	10
70	Soil pollution by a pyrite mine spill in Spain: evolution in time. <i>Environmental Pollution</i> , 2004, 132, 395-401.	3.7	108
71	Application of remediation techniques for immobilization of metals in soils contaminated by a pyrite tailing spill in Spain. <i>Soil Use and Management</i> , 2004, 20, 451-453.	2.6	4
72	Application of remediation techniques for immobilization of metals in soils contaminated by a pyrite tailing spill in Spain. <i>Soil Use and Management</i> , 2004, 20, 451-453.	2.6	14

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73	Soil evolution over the Quaternary period in a Mediterranean climate (SE Spain). <i>Catena</i> , 2002, 48, 131-148.	2.2	31
74	Migration of Trace Elements from Pyrite Tailings in Carbonate Soils. <i>Journal of Environmental Quality</i> , 2002, 31, 829.	1.0	31
75	Migration of Trace Elements from Pyrite Tailings in Carbonate Soils. <i>Journal of Environmental Quality</i> , 2002, 31, 829-835.	1.0	20
76	Pollution of carbonate soils in a Mediterranean climate due to a tailings spill. <i>European Journal of Soil Science</i> , 2002, 53, 321-330.	1.8	36
77	Soil pollution by oxidation of tailings from toxic spill of a pyrite mine. <i>Science of the Total Environment</i> , 2001, 279, 63-74.	3.9	115
78	Assessment of arsenic toxicity in spiked soils and water solutions by the use of bioassays .. <i>Spanish Journal of Soil Science</i> , 0, 2, .	0.0	3
79	Land degradation and sand dynamics in a steppe region (Náçama, south-western Algeria). <i>Spanish Journal of Soil Science</i> , 0, 7, .	0.0	0
80	The Argaric Pottery from Burial at Peñ±alosa (Jañ©n, Spain). <i>Documenta Praehistorica</i> , 0, 47, 330-347.	1.0	2
81	Evaluation of Soil Evolution After a Fire in the Southeast of Spain: A Multiproxy Approach. <i>Spanish Journal of Soil Science</i> , 0, 11, .	0.0	1