

# Eduardo de Miguel Poch

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

3,778  
citations

279798  
23  
h-index

330143  
37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3514  
citing authors

#	ARTICLE	IF	CITATIONS
1	1D_RnDPM: A freely available <sup>222</sup> Rn production, diffusion, and partition model to evaluate confounding factors in the radon-deficit technique. <i>Science of the Total Environment</i> , 2022, 807, 150815.	8.0	3
2	Field performance of the radon-deficit technique to detect and delineate a complex DNAPL accumulation in a multi-layer soil profile. <i>Environmental Pollution</i> , 2021, 269, 116200.	7.5	9
3	Modelling the Transference of Trace Elements between Environmental Compartments in Abandoned Mining Areas. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5117.	2.6	5
4	Applicability and limitations of the radon-deficit technique for the preliminary assessment of sites contaminated with complex mixtures of organic chemicals: A blind field-test. <i>Environment International</i> , 2020, 138, 105591.	10.0	11
5	Urban Allotment Gardens for the Biomonitoring of Atmospheric Trace Element Pollution. <i>Journal of Environmental Quality</i> , 2019, 48, 518-525.	2.0	6
6	Human-health probabilistic risk assessment: the role of exposure factors in an urban garden scenario. <i>Landscape and Urban Planning</i> , 2019, 185, 191-199.	7.5	24
7	Unconventional gas resources in the <scp>Cantabrian Zone</scp> (<scp>NW Spain</scp>): A comprehensive preliminary assessment. <i>Geological Journal</i> , 2019, 54, 2608-2620.	1.3	3
8	Indoor Dust Metal Loadings: A Human Health Risk Assessment. <i>Exposure and Health</i> , 2018, 10, 41-50.	4.9	42
9	Remediation of aged diesel contaminated soil by alkaline activated persulfate. <i>Science of the Total Environment</i> , 2018, 622-623, 41-48.	8.0	119
10	The paradigm of Circular Mining in the world: the Iberian Pyrite Belt as a potential scenario of interaction. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	10
11	Mineralogical and environmental features of the asturian copper mining district (Spain): A review. <i>Engineering Geology</i> , 2018, 243, 206-217.	6.3	15
12	Applicability of radon emanometry in lithologically discontinuous sites contaminated by organic chemicals. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20255-20263.	5.3	7
13	Environmental risk assessment of cobalt and manganese from industrial sources in an estuarine system. <i>Environmental Geochemistry and Health</i> , 2018, 40, 737-748.	3.4	28
14	Risk assessment from exposure to arsenic, antimony, and selenium in urban gardens (Madrid, Spain). <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 544-550.	4.3	24
15	Prediction of the flooding of a mining reservoir in NW Spain. <i>Journal of Environmental Management</i> , 2016, 184, 219-228.	7.8	16
16	Bioaccessibility of metals and human health risk assessment in community urban gardens. <i>Chemosphere</i> , 2015, 135, 312-318.	8.2	81
17	Spatial and temporal variations of trace element distribution in soils and street dust of an industrial town in NW Spain: 15years of study. <i>Science of the Total Environment</i> , 2015, 524-525, 93-103.	8.0	53
18	Probabilistic meta-analysis of risk from the exposure to Hg in artisanal gold mining communities in Colombia. <i>Chemosphere</i> , 2014, 108, 183-189.	8.2	28

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19	The relationship between soil geochemistry and the bioaccessibility of trace elements in playground soil. <i>Environmental Geochemistry and Health</i> , 2012, 34, 677-687.	3.4	36
20	Risk assessment of soils contaminated by mercury mining, Northern Spain. <i>Journal of Environmental Monitoring</i> , 2011, 13, 128-136.	2.1	75
21	Assessment of oral bioaccessibility of arsenic in playground soil in Madrid (Spain): A three-method comparison and implications for risk assessment. <i>Chemosphere</i> , 2011, 84, 1386-1391.	8.2	40
22	A review of the distribution of particulate trace elements in urban terrestrial environments and its application to considerations of risk. <i>Environmental Geochemistry and Health</i> , 2011, 33, 103-123.	3.4	232
23	A Bayesian Approach to Probabilistic Risk Assessment in Municipal Playgrounds. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 165-172.	4.1	8
24	Soil contamination from urban and industrial activity: example of the mining district of Linares (southern Spain). <i>Environmental Geology</i> , 2008, 54, 669-677.	1.2	34
25	Multivariate analysis of contamination in the mining district of Linares (Jaén, Spain). <i>Applied Geochemistry</i> , 2008, 23, 2324-2336.	3.0	43
26	Field validation of radon monitoring as a screening methodology for NAPL-contaminated sites. <i>Applied Geochemistry</i> , 2008, 23, 2753-2758.	3.0	26
27	Risk-based evaluation of the exposure of children to trace elements in playgrounds in Madrid (Spain). <i>Chemosphere</i> , 2007, 66, 505-513.	8.2	487
28	Application of the Visman method to the design of a soil sampling campaign in the mining district of Linares (Spain). <i>Journal of Geochemical Exploration</i> , 2007, 92, 73-82.	3.2	9
29	Determination of the geochemical background in a metal mining site: example of the mining district of Linares (South Spain). <i>Journal of Geochemical Exploration</i> , 2007, 94, 19-29.	3.2	61
30	Using Bayesian inference to manage uncertainty in probabilistic risk assessments in urban environments. <i>Alliance for Global Sustainability Bookseries</i> , 2007, , 551-557.	0.2	0
31	Geochemistry and risk assessment of street dust in Luanda, Angola: A tropical urban environment. <i>Atmospheric Environment</i> , 2005, 39, 4501-4512.	4.1	854
32	Geochemical fingerprints and controls in the sediments of an urban river: River Manzanares, Madrid (Spain). <i>Science of the Total Environment</i> , 2005, 340, 137-148.	8.0	48
33	Influence of industry on the geochemical urban environment of Mieres (Spain) and associated health risk. <i>Environmental Geochemistry and Health</i> , 2003, 25, 307-323.	3.4	45
34	Distribution of Heavy Metals in the Street Dusts and Soils of an Industrial City in Northern Spain. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 160-170.	4.1	185
35	A comparative study of heavy metal concentration and distribution in deposited street dusts in a large and a small urban area: Birmingham and Coventry, West Midlands, UK. <i>Environment International</i> , 2003, 29, 563-573.	10.0	416
36	Sources and pathways of trace elements in urban environments: a multi-elemental qualitative approach. <i>Science of the Total Environment</i> , 1999, 235, 355-357.	8.0	64

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37	The overlooked contribution of compost application to the trace element load in the urban soil of Madrid (Spain). Science of the Total Environment, 1998, 215, 113-122.	8.0	131
38	Origin and patterns of distribution of trace elements in street dust: Unleaded petrol and urban lead. Atmospheric Environment, 1997, 31, 2733-2740.	4.1	496