Fernando Barrio-Parra

List of Publications by Year
in descending order

24 papers	278 citations	1040056 9 h-index	888059 17 g-index
25 all docs	25 docs citations	25 times ranked	418 citing authors

#	Article	IF	Citations
1	Spatial modelling of socioeconomic data to understand patterns of human-caused wildfire ignition risk in the SW of Madrid (central Spain). Ecological Modelling, 2010, 221, 34-45.	2.5	63
2	Indoor Dust Metal Loadings: A Human Health Risk Assessment. Exposure and Health, 2018, 10, 41-50.	4.9	42
3	Environmental risk assessment of cobalt and manganese from industrial sources in an estuarine system. Environmental Geochemistry and Health, 2018, 40, 737-748.	3.4	28
4	Risk assessment from exposure to arsenic, antimony, and selenium in urban gardens (Madrid, Spain). Environmental Toxicology and Chemistry, 2017, 36, 544-550.	4.3	24
5	Human-health probabilistic risk assessment: the role of exposure factors in an urban garden scenario. Landscape and Urban Planning, 2019, 185, 191-199.	7.5	24
6	Application of change detection techniques in geomorphological evolution of coastal areas. Example: Mouth of the River Ebro (period 1957â€“2013). Applied Geography, 2016, 75, 12-27.	3.7	16
7	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. Environment International, 2020, 138, 105591.	10.0	11
8	Study and Evolution of the Dune Field of La Banya Spit in Ebro Delta (Spain) Using LiDAR Data and GPR. Remote Sensing, 2021, 13, 802.	4.0	10
9	A free cellular model of dune dynamics: Application to El Fangar spit dune system (Ebro Delta, Spain). Computers and Geosciences, 2014, 62, 187-197.	4.2	9
10	Field performance of the radon-deficit technique to detect and delineate a complex DNAPL accumulation in a multi-layer soil profile. Environmental Pollution, 2021, 269, 116200.	7.5	9
11	Applicability of radon emanometry in lithologically discontinuous sites contaminated by organic chemicals. Environmental Science and Pollution Research, 2018, 25, 20255-20263.	5.3	7
12	Cellular automata to understand the behaviour of beach-dune systems: Application to El Fangar Spit active dune system (Ebro delta, Spain). Computers and Geosciences, 2016, 93, 55-62.	4.2	6
13	Urban Allotment Gardens for the Biomonitoring of Atmospheric Trace Element Pollution. Journal of Environmental Quality, 2019, 48, 518-525.	2.0	6
14	Modelling the Transference of Trace Elements between Environmental Compartments in Abandoned Mining Areas. International Journal of Environmental Research and Public Health, 2020, 17, 5117.	2.6	5
15	Dilution Versus Pollution in Watercourses Affected by Acid Mine Drainage: A Graphic Model for the Iberian Pyrite Belt (SW Spain). Mine Water and the Environment, 2018, 37, 211-216.	2.0	4
16	Application and limitations of time domain-induced polarization tomography for the detection of hydrocarbon pollutants in soils with electro-metallic components: a case study. Environmental Monitoring and Assessment, 2020, 192, 115.	2.7	4
17	A Modeling Approach to Assess the Key Factors in the Evolution of Coastal Systems: the Ebro North Hemidelta Case. Estuaries and Coasts, 2017, 40, 758-772.	2.2	3
18	1D_RnDPM: A freely available 222Rn production, diffusion, and partition model to evaluate confounding factors in the radon-deficit technique. Science of the Total Environment, 2022, 807, 150815.	8.0	3

#	Article	IF	Citations
19	IMPLEMENTATION OF FABLABS IN THE MINES AND ENERGY ENGINEERING STUDIES. EDULEARN Proceedings, 2020, , .	0.0	2
20	The Use of Heterogeneity to Improve the Learning Process of Large Groups of Students. , 2018, , .		1
21	A Brief Review of Actual Dune Dynamics Modeling: Applicability to El Fangar Dune System (Ebro) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.3	0
22	Combining Adaptive and Cooperative Learning Strategies to Deal With Heterogeneity in Large Groups. Advances in Educational Technologies and Instructional Design Book Series, 2019, , 185-202.	0.2	0
23	FLIP TEACHING VS COLLABORATIVE LEARNING TO DEAL WITH HETEROGENEITY IN LARGE GROUPS OF STUDENTS. INTED Proceedings, 2019, , .	0.0	0
24	THE EXPERIENCE OF FLIPPED CLASSROOM IN CHEMICAL LABORATORY CLASSES FOR ENGINEERING STUDENTS: QUIMETUBE. , 2019, , .		0