

Cocencepcion Pla

List of Publications by Year in descending order

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608
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of the Radon Risk Under Different European Climates and Soil Textures. <i>Frontiers in Public Health</i> , 2022, 10, 794557.	1.3	5
2	Estimation of uniaxial compressive strength and intrinsic permeability from ultrasounds in sedimentary stones used as heritage building materials. <i>Journal of Cultural Heritage</i> , 2022, 55, 346-355.	1.5	8
3	Stakeholdersâ€™ Perspective on Groundwater Management in Four Water-Stressed Mediterranean Areas: Priorities and Challenges. <i>Land</i> , 2022, 11, 738.	1.2	5
4	Recovery of Polluted Urban Stormwater Containing Heavy Metals: Laboratory-Based Experiments with Arlita and Filtralite. <i>Water (Switzerland)</i> , 2021, 13, 780.	1.2	3
5	Effectiveness of two lightweight aggregates for the removal of heavy metals from contaminated urban stormwater. <i>Journal of Contaminant Hydrology</i> , 2021, 239, 103778.	1.6	8
6	Comparative analysis of water condensate porosity using mercury intrusion porosimetry and nitrogen and water adsorption techniques in porous building stones. <i>Construction and Building Materials</i> , 2021, 288, 123131.	3.2	16
7	Automatic detection and characterisation of the first P- and S-wave pulse in rocks using ultrasonic transmission method. <i>Engineering Geology</i> , 2020, 266, 105474.	2.9	11
8	Statistical and experimental study for determining the influence of the segregation phenomenon on physical and mechanical properties of lightweight concrete. <i>Construction and Building Materials</i> , 2020, 238, 117642.	3.2	22
9	Insights on Climate-Driven Fluctuations of Cave ^{222}Rn and CO_2 Concentrations Using Statistical and Wavelet Analyses. <i>Geofluids</i> , 2020, 2020, 1-17.	0.3	10
10	Influence of Wooden Sawdust Treatments on Cu(II) and Zn(II) Removal from Water. <i>Materials</i> , 2020, 13, 3575.	1.3	24
11	Ultrasonic pulse velocity as a way of improving uniaxial compressive strength estimations from Leeb hardness measurements. <i>Construction and Building Materials</i> , 2020, 261, 119996.	3.2	41
12	Geogymkhana-Alicante (Spain): Geoheritage Through Education. <i>Geoheritage</i> , 2020, 12, 1.	1.5	5
13	Climate change impact on karstic aquifer hydrodynamics in southern Europe semi-arid region using the KAGIS model. <i>Science of the Total Environment</i> , 2020, 723, 138110.	3.9	13
14	Remediation by waste marble powder and lime of jarosite-rich sediments from Portman Bay (Spain). <i>Environmental Pollution</i> , 2020, 264, 114786.	3.7	7
15	KarsTS: an R package for microclimate time series analysis. <i>Earth Science Informatics</i> , 2019, 12, 685-697.	1.6	0
16	Estimation of soil gas permeability for assessing radon risk using Rosetta pedotransfer function based on soil texture and water content. <i>Journal of Environmental Radioactivity</i> , 2019, 208-209, 105992.	0.9	16
17	How Critical Is the Assimilation Frequency of Water Content Measurements for Obtaining Soil Hydraulic Parameters with Data Assimilation?. <i>Vadose Zone Journal</i> , 2019, 18, 1-10.	1.3	5
18	Impact of land use changes on flash flood prediction using a sub-daily SWAT model in five Mediterranean ungauged watersheds (SE Spain). <i>Science of the Total Environment</i> , 2019, 657, 1578-1591.	3.9	97

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19	Influence of microstructure on fluid transport and mechanical properties in structural concrete produced with lightweight clay aggregates. <i>Construction and Building Materials</i> , 2018, 171, 388-396.	3.2	16
20	Effect of pore structure and moisture content on gas diffusion and permeability in porous building stones. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	1.3	17
21	Validating the KAGIS black-box GIS-based model in a Mediterranean karst aquifer: Case of study of Mela aquifer (SE Spain). <i>Hydrological Processes</i> , 2018, 32, 2584-2596.	1.1	7
22	Abiotic and seasonal control of soil-produced CO ₂ efflux in karstic ecosystems located in Oceanic and Mediterranean climates. <i>Atmospheric Environment</i> , 2017, 164, 31-49.	1.9	16
23	Role of soil pore structure in water infiltration and CO ₂ exchange between the atmosphere and underground air in the vadose zone: A combined laboratory and field approach. <i>Catena</i> , 2017, 149, 402-416.	2.2	36
24	Predicting Daily Water Table Fluctuations in Karstic Aquifers from GIS-Based Modelling, Climatic Settings and Extraction Wells. <i>Water Resources Management</i> , 2016, 30, 2531-2545.	1.9	4
25	Changes in the CO ₂ dynamics in near-surface cavities under a future warming scenario: Factors and evidence from the field and experimental findings. <i>Science of the Total Environment</i> , 2016, 565, 1151-1164.	3.9	22
26	Assessment of CO ₂ dynamics in subsurface atmospheres using the wavelet approach: from cavity-atmosphere exchange to anthropogenic impacts in Rull cave (Vall d'Ébo, Spain). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	11
27	Response to ENGEO7253 Discussion of: "Predicting water permeability in sedimentary rocks from capillary imbibition and pore structure" by D. Benavente et al., <i>Engineering Geology</i> (2015) [doi: 10.1016/j.enggeo.2015.06.003]. <i>Engineering Geology</i> , 2016, 204, 123-125.	2.9	1
28	Changes in the storage and sink of carbon dioxide in subsurface atmospheres controlled by climate-driven processes: the case of the Ojo Guareña karst system. <i>Environmental Earth Sciences</i> , 2015, 74, 7715-7730.	1.3	16
29	Predicting water permeability in sedimentary rocks from capillary imbibition and pore structure. <i>Engineering Geology</i> , 2015, 195, 301-311.	2.9	63
30	Subterranean atmospheres may act as daily methane sinks. <i>Nature Communications</i> , 2015, 6, 7003.	5.8	42
31	Definition of Microclimatic Conditions in a Karst Cavity: Rull Cave (Alicante, Spain). , 2015, , 497-503.		4
32	EnvironmentalWaveletTool: Continuous and discrete wavelet analysis and filtering for environmental time series. <i>Computer Physics Communications</i> , 2014, 185, 2758-2770.	3.0	15
33	A comparison of experimental methods for measuring water permeability of porous building rocks. <i>Materiales De Construccion</i> , 2014, 64, e028.	0.2	11