

Virginia Cabrera

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

64
citations

1684188

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1588992

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all docs

15
docs citations

15
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	Donnan-ion hydration model to estimate the electroosmotic permeability of clays. <i>Electrochimica Acta</i> , 2020, 355, 136758.	5.2	15
2	A functional structure for state functions of moisture transfer in heritage building elements. <i>Journal of Building Engineering</i> , 2020, 29, 101201.	3.4	10
3	A User-Friendly Tool to Characterize the Moisture Transfer in Porous Building Materials: FLOW1D. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5090.	2.5	7
4	Molecular dynamics data for modelling the microstructural behaviour of compacted sodium bentonites. <i>Applied Clay Science</i> , 2021, 201, 105932.	5.2	7
5	A new double-porosity macroscopic model of bentonite free swelling. <i>Engineering Geology</i> , 2022, 305, 106725.	6.3	7
6	Determination of the hygric properties of the heritage stone of the Cathedral of Cuenca through the water absorption by capillarity test. <i>Journal of Cultural Heritage</i> , 2021, 48, 186-195.	3.3	6
7	Assessment of temperature effect on bentonite microstructure deformability. <i>Applied Clay Science</i> , 2021, 210, 106156.	5.2	5
8	M4EKR, Multiphysics for ElectroKinetic Remediation of Polluted Soils. <i>E3S Web of Conferences</i> , 2020, 195, 02003.	0.5	3
9	A worksheet-based tool to implement reactive transport models in COMSOL Multiphysics. <i>Chemosphere</i> , 2021, 266, 129176.	8.2	3
10	Precomputation of Critical State Soil Plastic Models. <i>Processes</i> , 2021, 9, 2142.	2.8	1
11	Development of a THMC code for bentonites in COMSOL Multiphysics. <i>E3S Web of Conferences</i> , 2020, 195, 04002.	0.5	0
12	Conceptual and Mathematical Modeling of the Transport of Pollutants in Soil by Electric Fields. <i>Environmental Pollution</i> , 2021, , 59-85.	0.4	0
13	Physicochemical and Hydrodynamic Aspects of Soil. <i>Environmental Pollution</i> , 2021, , 3-27.	0.4	0
14	Reply to Janssen, H. Comment on "Cabrera et al. A User-Friendly Tool to Characterize the Moisture Transfer in Porous Building Materials: FLOW1D. <i>Appl. Sci.</i> 2020, 10, 5090" Applied Sciences (Switzerland), 2022, 12, 1124.	2.5	0