

Paulo A Herrera

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

382
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameter estimation and uncertainty analysis in hydrological modeling. Wiley Interdisciplinary Reviews: Water, 2022, 9, .	6.5	38
2	Towards an effective application of parameter estimation and uncertainty analysis to mathematical groundwater models. SN Applied Sciences, 2022, 4, .	2.9	3
3	Lagrangian scheme to model subgrid-scale mixing and spreading in heterogeneous porous media. Water Resources Research, 2017, 53, 3302-3318.	4.2	21
4	Helical Flow and Transient Solute Dilution in Porous Media. Transport in Porous Media, 2016, 111, 591-603.	2.6	9
5	Numerical sensitivity analysis of thermal response tests (TRT) in energy piles. Renewable Energy, 2016, 86, 985-992.	8.9	34
6	Enhancement of synthetic schlieren image resolution using total variation optical flow: application to thermal experiments in a Hele-Shaw cell. Experiments in Fluids, 2016, 57, 1.	2.4	13
7	Smooth Particle Hydrodynamics with nonlinear Moving-Least-Squares WENO reconstruction to model anisotropic dispersion in porous media. Advances in Water Resources, 2015, 80, 43-59.	3.8	19
8	Hydromechanical model for internal erosion and its relationship with the stress transmitted by the finer soil fraction. Acta Geotechnica, 2015, 10, 643-650.	5.7	29
9	An assessment of particle methods for approximating anisotropic dispersion. International Journal for Numerical Methods in Fluids, 2013, 71, 634-651.	1.6	16
10	Field-case simulation of CO ₂ -plume migration using vertical-equilibrium models. Energy Procedia, 2011, 4, 3801-3808.	1.8	68
11	A multidimensional streamline-based method to simulate reactive solute transport in heterogeneous porous media. Advances in Water Resources, 2010, 33, 711-727.	3.8	40
12	A meshless method to simulate solute transport in heterogeneous porous media. Advances in Water Resources, 2009, 32, 413-429.	3.8	75
13	Positive Solution of Two-Dimensional Solute Transport in Heterogeneous Aquifers. Ground Water, 2006, 44, 803-813.	1.3	17