

I-Hsien Lee

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

171
citations

1684188

5
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Verification benchmarks for single-phase flow in three-dimensional fractured porous media. <i>Advances in Water Resources</i> , 2021, 147, 103759.	3.8	59
2	Applying deep learning algorithms to enhance simulations of large-scale groundwater flow in IoTs. <i>Applied Soft Computing Journal</i> , 2020, 92, 106298.	7.2	36
3	Fracture-based modeling of complex flow and CO ₂ migration in three-dimensional fractured rocks. <i>Computers and Geosciences</i> , 2015, 81, 64-77.	4.2	24
4	Stochastic modeling of flow and conservative transport in three-dimensional discrete fracture networks. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 19-34.	4.9	22
5	Experimental and numerical investigations of ⁹⁹ TcO ₄ ⁻ diffusion in compacted SPV 200 bentonite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 1081-1089.	1.5	5
6	Particle-Based Workflow for Modeling Uncertainty of Reactive Transport in 3D Discrete Fracture Networks. <i>Water (Switzerland)</i> , 2019, 11, 2502.	2.7	5
7	Numerical Modeling of Surface Water and Groundwater Interactions Induced by Complex Fluvial Landforms and Human Activities in the Pingtung Plain Groundwater Basin, Taiwan. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7152.	2.5	5
8	Data-Driven Approach to Assess Spatial-Temporal Interactions of Groundwater and Precipitation in Choushui River Groundwater Basin, Taiwan. <i>Water (Switzerland)</i> , 2020, 12, 3097.	2.7	4
9	Mapping Interflow Potential and the Validation of Index-Overlay Weightings by Using Coupled Surface Water and Groundwater Flow Model. <i>Water (Switzerland)</i> , 2021, 13, 2452.	2.7	4
10	A Statistical Evaluation to Compare and Analyze Estimations of the Diffusion Coefficient of Permethene (99TcO ₄ ⁻) in Compacted Bentonite. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1075.	2.0	3
11	Numerical assessments of recharge-dominated groundwater flow and transport in the nearshore reclamation area in western Taiwan. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 83.	2.7	1
12	Technical note: Discharge response of a confined aquifer with variable thickness to temporal, nonstationary, random recharge processes. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 2387-2397.	4.9	1
13	Effects of Permeability Variations on CO ₂ Convection in Anisotropic and Heterogeneous Saline Formations. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, 121.	0.6	1
14	Numerical Assessment of the Hybrid Approach for Simulating Three-Dimensional Flow and Advective Transport in Fractured Rocks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10792.	2.5	1
15	Preliminary evaluation of SEM/EDS technique for the determination of colloid diffusion coefficient in granite matrix. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1803-1808.	1.5	0