I-Hsien Lee

List of Publications by Year
in descending order

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. Advances in Water Resources, 2021, 147, 103759.	3.8	59
2	Technical note: Discharge response of a confined aquifer with variable thickness to temporal, nonstationary, random recharge processes. Hydrology and Earth System Sciences, 2021, 25, 2387-2397.	4.9	1
3	Mapping Interflow Potential and the Validation of Index-Overlay Weightings by Using Coupled Surface Water and Groundwater Flow Model. Water (Switzerland), 2021, 13, 2452.	2.7	4
4	A Statistical Evaluation to Compare and Analyze Estimations of the Diffusion Coefficient of Pertechnetate ($99TcO_4^-$) in Compacted Bentonite. Minerals (Basel, Switzerland), 2021, 11, 1075.	2.0	3
5	Numerical Assessment of the Hybrid Approach for Simulating Three-Dimensional Flow and Advective Transport in Fractured Rocks. Applied Sciences (Switzerland), 2021, 11, 10792.	2.5	1
6	Data-Driven Approach to Assess Spatial-Temporal Interactions of Groundwater and Precipitation in Choushui River Groundwater Basin, Taiwan. Water (Switzerland), 2020, 12, 3097.	2.7	4
7	Numerical Modeling of Surface Water and Groundwater Interactions Induced by Complex Fluvial Landforms and Human Activities in the Pingtung Plain Groundwater Basin, Taiwan. Applied Sciences (Switzerland), 2020, 10, 7152.	2.5	5
8	Applying deep learning algorithms to enhance simulations of large-scale groundwater flow in IoTs. Applied Soft Computing Journal, 2020, 92, 106298.	7.2	36
9	Preliminary evaluation of SEM/EDS technique for the determination of colloid diffusion coefficient in granite matrix. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1803-1808.	1.5	0
10	Particle-Based Workflow for Modeling Uncertainty of Reactive Transport in 3D Discrete Fracture Networks. Water (Switzerland), 2019, 11, 2502.	2.7	5
11	Stochastic modeling of flow and conservative transport in three-dimensional discrete fracture networks. Hydrology and Earth System Sciences, 2019, 23, 19-34.	4.9	22
12	Numerical assessments of recharge-dominated groundwater flow and transport in the nearshore reclamation area in western Taiwan. Environmental Monitoring and Assessment, 2019, 191, 83.	2.7	1
13	Experimental and numerical investigations of $99TcO_4^-$ diffusion in compacted SPV 200 bentonite. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1081-1089.	1.5	5
14	Effects of Permeability Variations on CO_2 Convection in Anisotropic and Heterogeneous Saline Formations. Terrestrial, Atmospheric and Oceanic Sciences, 2016, 27, 121.	0.6	1
15	Fracture-based modeling of complex flow and CO_2 migration in three-dimensional fractured rocks. Computers and Geosciences, 2015, 81, 64-77.	4.2	24