

Wencong Lai

List of Publications by Year in descending order

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Version: 2024-02-01

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1162367

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11
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230
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical solution of the Saint-Venant equations by an efficient hybrid finite-volume/finite-difference method. <i>Journal of Hydrodynamics</i> , 2018, 30, 189-202.	1.3	16
2	A Parallel Two-Dimensional Discontinuous Galerkin Method for Shallow-Water Flows Using High-Resolution Unstructured Meshes. <i>Journal of Computing in Civil Engineering</i> , 2017, 31, .	2.5	12
3	The soil moisture velocity equation. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1473-1487.	1.3	17
4	An explicit approach to capture diffusive effects in finite water-content method for solving vadose zone flow. <i>Journal of Hydrology</i> , 2016, 535, 270-281.	2.3	4
5	An efficient and guaranteed stable numerical method for continuous modeling of infiltration and redistribution with a shallow dynamic water table. <i>Water Resources Research</i> , 2015, 51, 1514-1528.	1.7	24
6	Validation of finite water content vadose zone dynamics method using column experiments with a moving water table and applied surface flux. <i>Water Resources Research</i> , 2015, 51, 3108-3125.	1.7	14
7	A new general 1D vadose zone flow solution method. <i>Water Resources Research</i> , 2015, 51, 4282-4300.	1.7	37
8	A mass-conservative finite volume predictor-corrector solution of the 1D Richards equation. <i>Journal of Hydrology</i> , 2015, 523, 119-127.	2.3	33
9	Time stepping in discontinuous Galerkin method. <i>Journal of Hydrodynamics</i> , 2013, 25, 321-329.	1.3	5
10	Modeling Dam-Break Flood Over Natural Rivers Using Discontinuous Galerkin Method. <i>Journal of Hydrodynamics</i> , 2012, 24, 467-478.	1.3	19
11	Modeling Shallow Water Flows Using the Discontinuous Galerkin Method. , 0, , .		23