

Jannes Kordilla

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

193
citations

1307594

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1474206

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citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Smoothed Particle Hydrodynamics Model Development for Simulating Preferential Flow Dynamics in Fractured Porous Media. <i>Water Resources Research</i> , 2021, 57, e2020WR027323.	4.2	6
2	Numerical and Analytical Modeling of Flow Partitioning in Partially Saturated Fracture Networks. <i>Water Resources Research</i> , 2021, 57, e2020WR028775.	4.2	5
3	Analogue Fracture Experiments and Analytical Modeling of Unsaturated Percolation Dynamics in Fracture Cascades. <i>Vadose Zone Journal</i> , 2019, 18, 1-9.	2.2	11
4	Investigation of Gravity-Driven Infiltration Instabilities in Smooth and Rough Fractures Using a Pairwise-Force Smoothed Particle Hydrodynamics Model. <i>Vadose Zone Journal</i> , 2019, 18, 1-12.	2.2	9
5	Smoothed particle hydrodynamics study of the roughness effect on contact angle and droplet flow. <i>Physical Review E</i> , 2017, 96, 033115.	2.1	22
6	Effect of Unsaturated Flow Modes on Partitioning Dynamics of Gravity-Driven Flow at a Simple Fracture Intersection: Laboratory Study and Three-Dimensional Smoothed Particle Hydrodynamics Simulations. <i>Water Resources Research</i> , 2017, 53, 9496-9518.	4.2	21
7	Smoothed particle hydrodynamics model for Landau-Lifshitz-Navier-Stokes and advection-diffusion equations. <i>Journal of Chemical Physics</i> , 2014, 141, 224112.	3.0	13
8	A smoothed particle hydrodynamics model for droplet and film flow on smooth and rough fracture surfaces. <i>Advances in Water Resources</i> , 2013, 59, 1-14.	3.8	47
9	Simulation of saturated and unsaturated flow in karst systems at catchment scale using a double continuum approach. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3909-3923.	4.9	55
10	Laboratory experiments and dual-domain modeling of infiltration dynamics in partially saturated fractured porous media. <i>Vadose Zone Journal</i> , 0, , .	2.2	2