

Volker Paul Schulz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7712122/publications.pdf>

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8
papers

391
citations

1684188
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8
all docs

8
docs citations

8
times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporating the Effect of Gravity Into Image-Based Drainage Simulations on Volumetric Images of Porous Media. <i>Water Resources Research</i> , 2022, 58, .	4.2	0
2	Directional Water Wicking on a Metal Surface Patterned by Microchannels. <i>Materials</i> , 2021, 14, 490.	2.9	2
3	Designing Tailored Gas Diffusion Layers with Pore Size Gradients via Electrospinning for Polymer Electrolyte Membrane Fuel Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 2695-2707.	5.1	31
4	Lattice-Boltzmann Simulation and Experimental Validation of a Microfluidic T-Junction for Slug Flow Generation. <i>ChemEngineering</i> , 2019, 3, 48.	2.4	4
5	Characterization of gas diffusion electrodes for metal-air batteries. <i>Journal of Power Sources</i> , 2016, 324, 646-656.	7.8	53
6	Pore-Morphology-Based Simulation of Drainage in Porous Media Featuring a Locally Variable Contact Angle. <i>Transport in Porous Media</i> , 2015, 107, 13-25.	2.6	37
7	Two-Phase Behavior and Compression Effect in a PEFC Gas Diffusion Medium. <i>ECS Transactions</i> , 2009, 25, 1485-1494.	0.5	9
8	Modeling of Two-Phase Behavior in the Gas Diffusion Medium of PEFCs via Full Morphology Approach. <i>Journal of the Electrochemical Society</i> , 2007, 154, B419.	2.9	255