

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

5

h-index

1720034

7

g-index

8

all docs

8

docs citations

8

times ranked

454

citing authors

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