

# Lijun Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2606894/publications.pdf>

Version: 2024-02-01

10  
papers

183  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental validation of pore-scale models for gas diffusion layers. <i>Journal of Power Sources</i> , 2022, 536, 231515.	7.8	10
2	High-density and low-density gas diffusion layers for proton exchange membrane fuel cells: Comparison of mechanical and transport properties. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 22532-22544.	7.1	5
3	A multiscale study on the effect of compression on lithium-ion battery separators. <i>Journal of Energy Storage</i> , 2022, 54, 105255.	8.1	7
4	Stochastically Modeled Gas Diffusion Layers: Effects of Binder and Polytetrafluoroethylene on Effective Gas Diffusivity. <i>Journal of the Electrochemical Society</i> , 2021, 168, 014514.	2.9	19
5	Multiphase and Pore Scale Modeling on Catalyst Layer of High-Temperature Polymer Electrolyte Membrane Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2021, 168, 054521.	2.9	8
6	Multiscale modeling of an angled gas diffusion layer for polymer electrolyte membrane fuel cells: Performance enhancing for aviation applications. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 20702-20714.	7.1	17
7	Pore-scale modeling of gas diffusion layers: Effects of compression on transport properties. <i>Journal of Power Sources</i> , 2021, 496, 229822.	7.8	44
8	Microstructure reconstruction of the gas diffusion layer and analyses of the anisotropic transport properties. <i>Energy Conversion and Management</i> , 2021, 241, 114293.	9.2	45
9	Mesoscopic modeling and characterization of the porous electrodes for vanadium redox flow batteries. <i>Journal of Energy Storage</i> , 2020, 32, 101782.	8.1	15
10	Pore-Scale Characterization and Simulation of Porous Electrode Material for Vanadium Redox Flow Battery: Effects of Compression on Transport Properties. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110545.	2.9	13