

Satoshi Sakaida

List of Publications by Year in descending order

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papers

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citations

1937685

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1872680

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all docs

9
docs citations

9
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of polymer electrolyte fuel cell performance by gas diffusion layer with relatively hydrophilic surface. Journal of Power Sources, 2022, 518, 230730.	7.8	5
2	Study on water transport in hydrophilic gas diffusion layers for improving the flooding performance of polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2021, 46, 7464-7474.	7.1	5
3	Potential of hydrolyzed oxymethylene dimethyl ether for the suppression of fuel crossover in polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2021, 46, 10892-10902.	7.1	6
4	Spray characteristics of supercritical DME. Transactions of the JSME (in Japanese), 2020, 86, 19-00050-19-00050.	0.2	0
5	Analysis of Water Transport in Anisotropic Gas Diffusion Layers for Improved Flooding Performance of PEFC. Journal of the Electrochemical Society, 2019, 166, F627-F636.	2.9	9
6	Estimation of bulk modulus of DME on the basis of the sound speed measurement in a wide range of pressures and temperatures including the critical point. Transactions of the JSME (in Japanese), 2018, 84, 18-00166-18-00166.	0.2	0
7	Scale model experiments for evaluation of liquid water transport in the gas diffusion layer of PEFCs. Journal of Thermal Science and Technology, 2018, 13, JTST0025-JTST0025.	1.1	4
8	Study on wettability effect in water transport in gas diffusion layer of PEFC by scale model experiment and LBM simulation. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2018, 2018.9, 31am3PN85.	0.0	0
9	Large scale simulation of liquid water transport in a gas diffusion layer of polymer electrolyte membrane fuel cells using the lattice Boltzmann method. Journal of Power Sources, 2017, 361, 133-143.	7.8	40