

Maximilian Bernt

List of Publications by Year in descending order

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8
papers

904
citations

1163117
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all docs

8
docs citations

8
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Voltage Losses in PEM Water Electrolyzers with Low Platinum Group Metal Loadings. Journal of the Electrochemical Society, 2018, 165, F305-F314.	2.9	227
2	Influence of Ionomer Content in IrO ₂ /TiO ₂ Electrodes on PEM Water Electrolyzer Performance. Journal of the Electrochemical Society, 2016, 163, F3179-F3189.	2.9	220
3	Impact of Intermittent Operation on Lifetime and Performance of a PEM Water Electrolyzer. Journal of the Electrochemical Society, 2019, 166, F487-F497.	2.9	164
4	Current Challenges in Catalyst Development for PEM Water Electrolyzers. Chemie-Ingenieur-Technik, 2020, 92, 31-39.	0.8	156
5	Analysis of Gas Permeation Phenomena in a PEM Water Electrolyzer Operated at High Pressure and High Current Density. Journal of the Electrochemical Society, 2020, 167, 124502.	2.9	50
6	Effect of the IrO _x Conductivity on the Anode Electrode/Porous Transport Layer Interfacial Resistance in PEM Water Electrolyzers. Journal of the Electrochemical Society, 2021, 168, 084513.	2.9	47
7	Highly conductive titania supported iridium oxide nanoparticles with low overall iridium density as OER catalyst for large-scale PEM electrolysis. Applied Materials Today, 2021, 24, 101134.	4.3	28
8	A Platinum Micro-Reference Electrode for Impedance Measurements in a PEM Water Electrolysis Cell. Journal of the Electrochemical Society, 2021, 168, 114511.	2.9	12