

Maximilian Bernt

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 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 | 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 |
| 7 | 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 |
| 8 | 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 |