

# Björn M Ståhmeier

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

221  
citations

1684188  
5  
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1872680  
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docs citations

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times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of the Electrochemical Surface Oxide Formation and the Hydrogen Oxidation Activity of Ruthenium by Strong Metal Support Interactions. Journal of the Electrochemical Society, 2022, 169, 034519.	2.9	7
2	Universal Correlation between Cathode Roughness Factor and H <sub>2</sub> /Air Performance Losses in Voltage Cycling-Based Accelerated Stress Tests. Journal of the Electrochemical Society, 2022, 169, 044528.	2.9	12
3	Capabilities and limitations of rotating disk electrodes versus membrane electrode assemblies in the investigation of electrocatalysts. Nature Catalysis, 2022, 5, 363-373.	34.4	119
4	Extending the Polyol Reduction Process into the Second Dimension: Oxide Thin Film Reduction. Journal of the Electrochemical Society, 2021, 168, 014506.	2.9	0
5	Pressure and Temperature Dependence of the Hydrogen Oxidation and Evolution Reaction Kinetics on Pt Electrocatalysts via PEMFC-based Hydrogen-Pump Measurements. Journal of the Electrochemical Society, 2021, 168, 064516.	2.9	23
6	HOR Activity of Pt-TiO <sub>2</sub> -Y at Unconventionally High Potentials Explained: The Influence of SMSI on the Electrochemical Behavior of Pt. Journal of the Electrochemical Society, 2020, 167, 084517.	2.9	24
7	Pressure Dependency of the Hydrogen Oxidation and Evolution Reaction Kinetics on Carbon Supported Pt Catalysts Using a PEMFC Based Hydrogen Pump Approach. ECS Meeting Abstracts, 2020, MA2020-02, 2337-2337.	0.0	0
8	Highly Selective Pt/TiO <sub>x</sub> Catalysts for the Hydrogen Oxidation Reaction. ACS Applied Energy Materials, 2019, 2, 5534-5539.	5.1	36