

# Björn M Ståhmeier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1299203/publications.pdf>

Version: 2024-02-01

8  
papers

221  
citations

1684188

5  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

139  
citing authors

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