

# Jacob Bonde

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6430633/publications.pdf>

Version: 2024-02-01

11  
papers

13,147  
citations

840776

11  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

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times ranked

15066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Active Edge Sites for Electrochemical H <sub>2</sub> Evolution from MoS <sub>2</sub> Nanocatalysts. Science, 2007, 317, 100-102.	12.6	5,149
2	Biomimetic Hydrogen Evolution: MoS <sub>2</sub> Nanoparticles as Catalyst for Hydrogen Evolution. Journal of the American Chemical Society, 2005, 127, 5308-5309.	13.7	3,497
3	Computational high-throughput screening of electrocatalytic materials for hydrogen evolution. Nature Materials, 2006, 5, 909-913.	27.5	3,305
4	Hydrogen evolution on nano-particulate transition metal sulfides. Faraday Discussions, 2008, 140, 219-231.	3.2	732
5	Hydrogen Evolution on Supported Incomplete Cubane-type [Mo <sub>3</sub> S <sub>4</sub> ] <sup>4+</sup> Electrocatalysts. Journal of Physical Chemistry C, 2008, 112, 17492-17498.	3.1	218
6	Trends in hydride formation energies for magnesium-3d transition metal alloys. Journal of Alloys and Compounds, 2005, 386, 1-7.	5.5	85
7	Cost Analysis of Direct Methanol Fuel Cell Stacks for Mass Production. Energies, 2016, 9, 1008.	3.1	54
8	Simple and functional direct methanol fuel cell stack designs for application in portable and auxiliary power units. International Journal of Hydrogen Energy, 2016, 41, 12320-12329.	7.1	39
9	Combined spectroscopy and microscopy of supported MoS <sub>2</sub> nanoparticles. Surface Science, 2009, 603, 1182-1189.	1.9	30
10	A combined in-situ and post-mortem investigation on local permanent degradation in a direct methanol fuel cell. Journal of Power Sources, 2016, 306, 49-61.	7.8	26
11	Direct methanol fuel cell stack for auxiliary power units applications based on fumapem® F-1850 membrane. International Journal of Hydrogen Energy, 2017, 42, 26889-26896.	7.1	12