

Jacob Bonde

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

13,147
citations

840585

11
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

15066
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Active Edge Sites for Electrochemical H ₂ Evolution from MoS ₂ Nanocatalysts. Science, 2007, 317, 100-102.	6.0	5,149
2	Biomimetic Hydrogen Evolution: MoS ₂ Nanoparticles as Catalyst for Hydrogen Evolution. Journal of the American Chemical Society, 2005, 127, 5308-5309.	6.6	3,497
3	Computational high-throughput screening of electrocatalytic materials for hydrogen evolution. Nature Materials, 2006, 5, 909-913.	13.3	3,305
4	Hydrogen evolution on nano-particulate transition metal sulfides. Faraday Discussions, 2008, 140, 219-231.	1.6	732
5	Hydrogen Evolution on Supported Incomplete Cubane-type [Mo ₃ S ₄] ⁴⁺ Electrocatalysts. Journal of Physical Chemistry C, 2008, 112, 17492-17498.	1.5	218
6	Trends in hydride formation energies for magnesium-3d transition metal alloys. Journal of Alloys and Compounds, 2005, 386, 1-7.	2.8	85
7	Cost Analysis of Direct Methanol Fuel Cell Stacks for Mass Production. Energies, 2016, 9, 1008.	1.6	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.	3.8	39
9	Combined spectroscopy and microscopy of supported MoS ₂ nanoparticles. Surface Science, 2009, 603, 1182-1189.	0.8	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.	4.0	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.	3.8	12