

John Benson

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1040056
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9
docs citations

9
times ranked

1246
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic Hydrogen Evolution Reaction on Edges of a Few Layer Molybdenum Disulfide Nanodots. ACS Applied Materials & Interfaces, 2015, 7, 14113-14122.	8.0	295
2	Tuning the Catalytic Activity of Graphene Nanosheets for Oxygen Reduction Reaction via Size and Thickness Reduction. ACS Applied Materials & Interfaces, 2014, 6, 19726-19736.	8.0	83
3	One-Step Hydrothermal Synthesis of Phase-Engineered MoS ₂ /MoO ₃ Electrocatalysts for Hydrogen Evolution Reaction. ACS Applied Nano Materials, 2021, 4, 2642-2656.	5.0	78
4	Paper-Based Electrochemical Biosensors for Voltammetric Detection of miRNA Biomarkers Using Reduced Graphene Oxide or MoS ₂ Nanosheets Decorated with Gold Nanoparticle Electrodes. Biosensors, 2021, 11, 236.	4.7	42
5	The effects of exfoliation, organic solvents and anodic activation on the catalytic hydrogen evolution reaction of tungsten disulfide. Nanoscale, 2017, 9, 13515-13526.	5.6	36
6	Sensitive Chronocoulometric Detection of miRNA at Screen-Printed Electrodes Modified by Gold-Decorated MoS ₂ Nanosheets. ACS Applied Bio Materials, 2018, 1, 1184-1194.	4.6	33
7	Investigating the use of endogenous quinoid moieties on carbon fibre as means of developing micro pH sensors. Materials Science and Engineering C, 2014, 43, 533-537.	7.3	30
8	Bismuthene nanosheets produced by ionic liquid assisted grinding exfoliation and their use for oxygen reduction reaction. RSC Advances, 2020, 10, 43585-43591.	3.6	13
9	Organic Solvent Based Synthesis of Gold Nanoparticle-Decorated Semiconducting 2H-MoS ₂ Hybrid Nanosheets. Journal of Physical Chemistry C, 2019, 123, 10646-10657.	3.1	11