John Benson

List of Publications by Year in descending order

9 papers	621 citations	1040056 9 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	1246 citing authors

#	Article	IF	Citations
1	One-Step Hydrothermal Synthesis of Phase-Engineered MoS₂/MoO₃ Electrocatalysts for Hydrogen Evolution Reaction. ACS Applied Nano Materials, 2021, 4, 2642-2656.	5.0	78
2	Paper-Based Electrochemical Biosensors for Voltammetric Detection of miRNA Biomarkers Using Reduced Graphene Oxide or MoS2 Nanosheets Decorated with Gold Nanoparticle Electrodes. Biosensors, 2021, 11, 236.	4.7	42
3	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
4	Organic Solvent Based Synthesis of Gold Nanoparticleâ"Semiconducting 2H-MoS₂ Hybrid Nanosheets. Journal of Physical Chemistry C, 2019, 123, 10646-10657.	3.1	11
5	Sensitive Chronocoulometric Detection of miRNA at Screen-Printed Electrodes Modified by Gold-Decorated MoS₂Nanosheets. ACS Applied Bio Materials, 2018, 1, 1184-1194.	4.6	33
6	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
7	Electrocatalytic Hydrogen Evolution Reaction on Edges of a Few Layer Molybdenum Disulfide Nanodots. ACS Applied Materials & Interfaces, 2015, 7, 14113-14122.	8.0	295
8	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
9	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