

Robin Sandström

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microwave-Induced Structural Ordering of Resilient Nanostructured $\text{Li}_0\text{-FePt}$ Catalysts for Oxygen Reduction Reaction. ACS Applied Energy Materials, 2020, 3, 9785-9791.	5.1	4
2	Oxidatively induced exposure of active surface area during microwave assisted formation of Pt_3Co nanoparticles for oxygen reduction reaction. RSC Advances, 2019, 9, 17979-17987.	3.6	4
3	Evaluation of fluorine and sulfonic acid co-functionalized graphene oxide membranes under hydrogen proton exchange membrane fuel cell conditions. Sustainable Energy and Fuels, 2019, 3, 1790-1798.	4.9	13
4	Yttria stabilized and surface activated platinum (Pt_xYO_y) nanoparticles through rapid microwave assisted synthesis for oxygen reduction reaction. Nano Energy, 2018, 46, 141-149.	16.0	21
5	Fabrication of microporous layer free hierarchical gas diffusion electrode as a low Pt-loading PEMFC cathode by direct growth of helical carbon nanofibers. RSC Advances, 2018, 8, 41566-41574.	3.6	16
6	Compositional Evaluation of Coreduced Fe-Pt Metal Acetylacetonates as PEM Fuel Cell Cathode Catalyst. ACS Applied Energy Materials, 2018, 1, 7106-7115.	5.1	9
7	Stable Sulfur-Intercalated $1\text{T}^2\text{MoS}_2$ on Graphitic Nanoribbons as Hydrogen Evolution Electrocatalyst. Advanced Functional Materials, 2018, 28, 1802744.	14.9	79
8	Cationic Vacancy Defects in Iron Phosphide: A Promising Route toward Efficient and Stable Hydrogen Evolution by Electrochemical Water Splitting. ChemSusChem, 2017, 10, 4544-4551.	6.8	63
9	Robust hierarchical 3D carbon foam electrode for efficient water electrolysis. Scientific Reports, 2017, 7, 6112.	3.3	27
10	Atomistic understanding of the origin of high oxygen reduction electrocatalytic activity of cuboctahedral Pt_3Co -Pt core-shell nanoparticles. Catalysis Science and Technology, 2016, 6, 1393-1401.	4.1	17
11	Comprehensive Study of an Earth-Abundant Bifunctional 3D Electrode for Efficient Water Electrolysis in Alkaline Medium. ACS Applied Materials & Interfaces, 2015, 7, 28148-28155.	8.0	36
12	Hierarchical self-assembled structures based on nitrogen-doped carbon nanotubes as advanced negative electrodes for Li-ion batteries and 3D microbatteries. Journal of Power Sources, 2015, 279, 581-592.	7.8	41
13	Direct support mixture painting, using Pd(0) organo-metallic compounds an easy and environmentally sound approach to combine decoration and electrode preparation for fuel cells. Journal of Materials Chemistry A, 2014, 2, 20973-20979.	10.3	3