

Archana Sekar

List of Publications by Year in descending order

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papers

163
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1684188
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docs citations

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239
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Insight into Enhanced Hydrogen Evolution Reaction Activity of Ultrathin Hexagonal Boron Nitride-Modified Pt Electrodes. ACS Catalysis, 2018, 8, 6636-6644.	11.2	63
2	Nickel-Incorporated, Nitrogen-Doped Graphene Nanoribbons as Efficient Electrocatalysts for Oxygen Evolution Reaction. Journal of the Electrochemical Society, 2018, 165, H141-H146.	2.9	34
3	Non-Precious Metal/Metal Oxides and Nitrogen-Doped Reduced Graphene Oxide based Alkaline Water-Electrolysis Cell. ChemCatChem, 2017, 9, 4295-4300.	3.7	31
4	PtRu Catalysts on Nitrogen-Doped Carbon Nanotubes with Conformal Hydrogenated TiO ₂ Shells for Methanol Oxidation. ACS Applied Nano Materials, 2022, 5, 3275-3288.	5.0	15
5	Enhancing Methanol Oxidation Reaction with Platinum-based Catalysts using a N-Doped Three-dimensional Graphitic Carbon Support. ChemCatChem, 2020, 12, 6000-6012.	3.7	11
6	Tuning the defects in MoS ₂ /reduced graphene oxide 2D hybrid materials for optimizing battery performance. Sustainable Energy and Fuels, 2021, 5, 4002-4014.	4.9	5
7	Platinum Deposited Nitrogen-Doped Vertically Aligned Carbon Nanofibers as Methanol Tolerant Catalyst for Oxygen Reduction Reaction with Improved Durability. Applied Nano, 2021, 2, 303-318.	2.0	3
8	Understanding Carbon Dioxide Transfer in Direct Methanol Fuel Cells Using a Pore-Scale Model. Journal of Electrochemical Energy Conversion and Storage, 2022, 19, .	2.1	1