

Shiqiang Zhuang

List of Publications by Year in descending order

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16
papers

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840119

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16
all docs

16
docs citations

16
times ranked

718
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-based catalysts for oxygen reduction reaction: A review on degradation mechanisms. Carbon, 2019, 151, 160-174.	5.4	117
2	Synthesis of nitrogen-doped graphene catalyst by high-energy wet ball milling for electrochemical systems. International Journal of Energy Research, 2016, 40, 2136-2149.	2.2	81
3	Detection of cancer antigens (CA-125) using gold nano particles on interdigitated electrode-based microfluidic biosensor. Nano Convergence, 2019, 6, 3.	6.3	57
4	A review of nitrogen-doped graphene catalysts for proton exchange membrane fuel cells-synthesis, characterization, and improvement. Nano Structures Nano Objects, 2018, 15, 140-152.	1.9	39
5	An Intelligent Milling Tool Wear Monitoring Methodology Based on Convolutional Neural Network with Derived Wavelet Frames Coefficient. Applied Sciences (Switzerland), 2019, 9, 3912.	1.3	30
6	Nitrogen-doped graphene catalysts: High energy wet ball milling synthesis and characterizations of functional groups and particle size variation with time and speed. International Journal of Energy Research, 2017, 41, 2535-2554.	2.2	27
7	Metal organic framework-modified nitrogen-doped graphene oxygen reduction reaction catalyst synthesized by nanoscale high-energy wet ball-milling structural and electrochemical characterization. MRS Communications, 2018, 8, 40-48.	0.8	22
8	Hydrogen production from organic fatty acids using carbon-doped TiO ₂ nanoparticles under visible light irradiation. International Journal of Hydrogen Energy, 2018, 43, 4335-4346.	3.8	20
9	Thermal Stability and Potential Cycling Durability of Nitrogen-Doped Graphene Modified by Metal-Organic Framework for Oxygen Reduction Reactions. Catalysts, 2018, 8, 607.	1.6	20
10	Nitrogen-doped graphene-based catalyst with metal-reduced organic framework: Chemical analysis and structure control. Carbon, 2018, 139, 933-944.	5.4	20
11	New Nitrogen-Doped Graphene/MOF-modified catalyst for Fuel Cell Systems. ECS Transactions, 2016, 72, 149-154.	0.3	12
12	Sensitivity Study of Cancer Antigens (CA-125) Detection Using Interdigitated Electrodes Under Microfluidic Flow Condition. BioNanoScience, 2019, 9, 203-214.	1.5	11
13	Enhancement of Fault Feature Extraction from Displacement Signals by Suppressing Severe End Distortions via Sinusoidal Wave Reduction. Energies, 2019, 12, 3536.	1.6	7
14	Cover Image, Volume 41, Issue 15. International Journal of Energy Research, 2017, 41, i-i.	2.2	1
15	Chemical Structure Control of Metal-Reduced Organic Framework-Supported Nitrogen-Doped Graphene Catalyst for Oxygen Reduction Reaction. ECS Meeting Abstracts, 2019, , .	0.0	0
16	Nitrogen-Doped Graphene-Based Catalyst with Metal-Reduced Organicframework: Chemical Analysis and Structure Control. ECS Meeting Abstracts, 2019, , .	0.0	0