

Ghzzai Almutairi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

243
citations

1163117

8
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Lanthanum Vanadate/Functionalized Boron Nitride Nanocomposite: The Electrochemical Sensor for Monitoring of Furazolidone. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2784-2794.	6.7	61
2	Production of synthesis gas (H ₂ and CO) by high-temperature Co-electrolysis of H ₂ O and CO ₂ . <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10274-10280.	7.1	52
3	Integrating graphene oxide with magnesium oxide nanoparticles for electrochemical detection of nitrobenzene. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106310.	6.7	35
4	Binder-Free Electrode Based on ZnO Nanorods Directly Grown on Aluminum Substrate for High Performance Supercapacitors. <i>Nanomaterials</i> , 2020, 10, 1979.	4.1	24
5	Electronic structure and electrochemical properties of La-doped BiFeO ₃ nanoparticles. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2021, 253, 147138.	1.7	14
6	Degradation Behaviors of Solid Oxide Fuel Cell Stacks in Steady-State and Cycling Conditions. <i>Energy & Fuels</i> , 2020, 34, 14864-14873.	5.1	13
7	Three-dimensional computational fluid dynamics modeling of button solid oxide fuel cell. <i>Electrochimica Acta</i> , 2021, 390, 138838.	5.2	10
8	Electrical, Thermal, and Morphological Properties of Poly(ethylene terephthalate)-Graphite Nanoplatelets Nanocomposites. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-9.	2.7	9
9	Cycling durability studies of IP-SOFC. <i>International Journal of Low-Carbon Technologies</i> , 2012, 7, 63-68.	2.6	7
10	Direct Operation of IP-Solid Oxide Fuel Cell with Hydrogen and Methane Fuel Mixtures under Current Load Cycle Operating Condition. <i>Fuel Cells</i> , 2014, 14, 231-238.	2.4	5
11	Growth of high-quality GaN nanowires on p-Si (1 1 1) and their performance in solid state heterojunction solar cells. <i>Solar Energy</i> , 2021, 227, 525-531.	6.1	5
12	Alanine Assisted Synthesis and Characterization of La _{0.65} Sr _{0.3} MnO ₃ (LSM) Nanocrystalline Cathode Powders for Solid Oxide Fuel Cells (SOFCs). <i>International Journal of Electrochemical Science</i> , 2017, 12, 11616-11632.	1.3	3
13	Electrochemical Characteristics of La _{0.65} Sr _{0.3} MnO ₃ and La _{0.8} Sr _{0.2} MnO ₃ Nanoceramic Cathode Powders for Intermediate Temperature Solid Oxide Fuel Cell (SOFC) Application. <i>International Journal of Electrochemical Science</i> , 2017, , 8148-8166.	1.3	2
14	A simple model for solid oxide fuel cells. <i>Energy Transitions</i> , 2020, 4, 163-167.	3.6	2
15	Synthesis and Characterization of Nanocrystalline La _{0.65} Sr _{0.3} MnO ₃ and La _{0.8} Sr _{0.2} MnO ₃ Cathode Powders by Auto-ignition Technique for Solid Oxide Fuel Cells (SOFC). <i>Journal of New Materials for Electrochemical Systems</i> , 2016, 19, 065-076.	0.6	1
16	Analysing carbon deposition on Ni/YSZ anode tested in an Solid Oxide Fuel Cell (SOFC). <i>Journal of New Materials for Electrochemical Systems</i> , 2017, 20, 129-133.	0.6	0
17	Impact of Changing Mode on the Execution of 100 W Solid Oxide Fuel Cells (SOFCs). <i>Journal of New Materials for Electrochemical Systems</i> , 2019, 22, 179-184.	0.6	0