

Gholamreza Karimi

List of Publications by Year in descending order

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31
papers

1,309
citations

586496

16
h-index

488211

31
g-index

31
all docs

31
docs citations

31
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of metal-based gas diffusion layer containing rGO and graphite for proton exchange membrane fuel cells. <i>International Journal of Energy Research</i> , 2022, 46, 11027-11040.	2.2	3
2	Nonenzymatic dopamine biosensor based on tannin nanocomposite. <i>Journal of Polymer Science</i> , 2021, 59, 428-438.	2.0	5
3	Parametric study of laser-induced graphene conductive traces and their application as flexible heaters. <i>International Journal of Energy Research</i> , 2021, 45, 13712-13725.	2.2	12
4	Effects of micro heat pipe arrays on thermal management performance enhancement of cylindrical lithium-ion battery cells. <i>International Journal of Energy Research</i> , 2021, 45, 11245-11257.	2.2	8
5	An Extended Rosenthal's Model for Laser Powder-Bed Fusion Additive Manufacturing: Energy Auditing of Thermal Boundary Conditions. <i>Lasers in Manufacturing and Materials Processing</i> , 2021, 8, 288-311.	1.2	4
6	A facile strategy to synthesis graphene-wrapped nanoporous copper-cobalt-selenide hollow spheres as an efficient electrode for hybrid supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 415, 128662.	6.6	56
7	Electrodialytic separation of phosphate from sewage sludge ash using electrospun ion exchange membranes. <i>Separation and Purification Technology</i> , 2021, 275, 119202.	3.9	7
8	Experimental and theoretical investigation about the effect of nano-coating on heating load. <i>International Journal of Industrial Chemistry</i> , 2020, 11, 147-159.	3.1	1
9	Study of co-combustion of dried sewage sludge with coke: Thermogravimetric assessment and gaseous emissions. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102871.	3.3	18
10	Thermal and electrical performance analysis of co-electrospun-electrosprayed PCM nanofiber composites in the presence of graphene and carbon fiber powder. <i>Renewable Energy</i> , 2019, 135, 719-728.	4.3	53
11	Nanoporous CuCo ₂ S ₄ Microspheres: A Novel Positive Electrode for High-Performance Hybrid Energy Storage Devices. <i>ACS Applied Energy Materials</i> , 2019, 2, 627-635.	2.5	74
12	Thermal performance of co-electrospun fatty acid nanofiber composites in the presence of nanoparticles. <i>Applied Energy</i> , 2018, 212, 552-564.	5.1	43
13	Polypyrrole/tannin biobased nanocomposite with enhanced electrochemical and physical properties. <i>RSC Advances</i> , 2018, 8, 2978-2985.	1.7	21
14	Production of biosolvents and acids by salinity-adapted strain of clostridium acetobutylicum: Effects of salt and molasses concentrations. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 411-423.	0.4	1
15	Coaxial electro-spun PEG/PA6 composite fibers: Fabrication and characterization. <i>Applied Thermal Engineering</i> , 2017, 118, 398-407.	3.0	73
16	Multi-scale multi-objective optimization and uncertainty analysis of methane-fed solid oxide fuel cells using Monte Carlo simulations. <i>Energy Conversion and Management</i> , 2017, 153, 175-187.	4.4	16
17	Modeling and optimization of antibacterial activity of the chitosan-based hydrogel films using central composite design. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2544-2553.	2.1	24
18	Experimental study of a cylindrical lithium ion battery thermal management using phase change material composites. <i>Journal of Energy Storage</i> , 2016, 8, 168-174.	3.9	124

#	ARTICLE	IF	CITATIONS
19	Thermal characteristic of nanocomposite phase change materials during solidification process. Journal of Energy Storage, 2016, 7, 74-81.	3.9	41
20	Thermal management analysis of a Li-ion battery cell using phase change material loaded with carbon fibers. Energy, 2016, 96, 355-371.	4.5	267
21	Fabrication and characterization of nanofiber-nanoparticle-composites with phase change materials by electrospinning. Applied Thermal Engineering, 2016, 99, 1225-1235.	3.0	75
22	Image-based computational simulation of sub-endothelial LDL accumulation in a human right coronary artery. Computers in Biology and Medicine, 2015, 62, 206-221.	3.9	13
23	Investigation of cooling load reduction in buildings by passive cooling options applied on roof. Energy and Buildings, 2015, 109, 135-142.	3.1	26
24	Thermal properties measurement and heat storage analysis of paraffinnanoparticles composites phase change material: Comparison and optimization. Applied Thermal Engineering, 2015, 90, 945-951.	3.0	105
25	Energy and exergy analysis of a recuperative gas turbine with steam injection: a parametric study. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2013, 227, 147-156.	0.8	1
26	Comparison Between Long- and Short-Chain Organoclays for Oil Removal from Salty Waters. Journal of Dispersion Science and Technology, 2013, 34, 1790-1796.	1.3	3
27	Performance Analysis of Contact Baking of Flat Bread in an Indirect-Heating Oven. Drying Technology, 2012, 30, 1014-1023.	1.7	2
28	Removal of Oil Spills from Salty Waters by Commercial Organoclays. Journal of Dispersion Science and Technology, 2012, 33, 1682-1687.	1.3	13
29	Cold start characteristics of proton exchange membrane fuel cells. International Journal of Hydrogen Energy, 2011, 36, 11832-11845.	3.8	107
30	Determination of the effective thermal conductivity of gas diffusion layers in polymer electrolyte membrane fuel cells: a comprehensive fractal approach. International Journal of Energy Research, 2011, 35, 1351-1359.	2.2	9
31	Simultaneous measurement of current and temperature distributions in a proton exchange membrane fuel cell during cold start processes. Electrochimica Acta, 2011, 56, 2967-2982.	2.6	104