

Likun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,126
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2189
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitro-oxidized carboxylated cellulose nanofiber based nanopapers and their PEM fuel cell performance. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3669-3680.	4.9	11
2	The Role of Titania Surface Coating by Atomic Layer Deposition in Improving Osteogenic Differentiation and Hard Tissue Formation of Dental Pulp Stem Cells. <i>Advanced Engineering Materials</i> , 2021, 23, 2100097.	3.5	5
3	Improving Thermal Stability of Perovskite Solar Cells by Suppressing Ion Migration Using Copolymer Grain Encapsulation. <i>Chemistry of Materials</i> , 2021, 33, 6120-6135.	6.7	22
4	Combination of 3D Printing and ALD for Dentin Fabrication from Dental Pulp Stem Cell Culture. <i>ACS Applied Bio Materials</i> , 2021, 4, 7422-7430.	4.6	1
5	Enhancing proton exchange membrane fuel cell performance via graphene oxide surface synergy. <i>Applied Energy</i> , 2020, 261, 114277.	10.1	13
6	The use of low cost, abundant, homopolymers for engineering degradable polymer blends: Compatibilization of poly(lactic acid)/styrenics using poly(methyl methacrylate). <i>Polymer</i> , 2020, 186, 122010.	3.8	19
7	Engineering thermally and electrically conductive biodegradable polymer nanocomposites. <i>Composites Part B: Engineering</i> , 2020, 189, 107905.	12.0	56
8	Enhanced flame retardancy of poly(lactic acid) with ultra-low loading of ammonium polyphosphate. <i>Composites Part B: Engineering</i> , 2020, 196, 108124.	12.0	46
9	Enhancing Chemical Stability and Suppressing Ion Migration in CH ₃ NH ₃ Pb ₃ Perovskite Solar Cells via Direct Backbone Attachment of Polyesters on Grain Boundaries. <i>Chemistry of Materials</i> , 2020, 32, 5104-5117.	6.7	64
10	Operation of proton exchange membrane (PEM) fuel cells using natural cellulose fiber membranes. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2725-2732.	4.9	28
11	Suppression of Carbon Monoxide Poisoning in Proton Exchange Membrane Fuel Cells via Gold Nanoparticle/Titania Ultrathin Film Heterogeneous Catalysts. <i>ACS Applied Energy Materials</i> , 2019, 2, 3479-3487.	5.1	28
12	Engineering Styrenic Blends with Poly(lactic acid). <i>Macromolecules</i> , 2019, 52, 7547-7556.	4.8	19
13	An excellent OER electrocatalyst of cubic SrCoO ₃ prepared by a simple F-doping strategy. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12538-12546.	10.3	112
14	Regulating substrate mechanics to achieve odontogenic differentiation for dental pulp stem cells on TiO ₂ filled and unfilled polyisoprene. <i>Acta Biomaterialia</i> , 2019, 89, 60-72.	8.3	17
15	Electrospinning deposition of poly(acrylic acid): platinum/carbon catalyst ink to enhance polymer electrolyte membrane fuel cell performance. <i>MRS Communications</i> , 2019, 9, 1343-1348.	1.8	8
16	Designing Nanoplatelet Alloy/Nafion Catalytic Interface for Optimization of PEMFCs: Performance, Durability, and CO Resistance. <i>ACS Catalysis</i> , 2019, 9, 1446-1456.	11.2	29
17	Synthesis and characterization of iron nanoparticles on partially reduced graphene oxide as a cost-effective catalyst for polymer electrolyte membrane fuel cells. <i>MRS Communications</i> , 2017, 7, 166-172.	1.8	15
18	A N-, Fe- and Co-tridoped carbon nanotube/nanoporous carbon nanocomposite with synergistically enhanced activity for oxygen reduction in acidic media. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17866-17873.	10.3	20

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19	Nanocomposite of N-Doped TiO ₂ Nanorods and Graphene as an Effective Electrocatalyst for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2014, 6, 21978-21985.	8.0	76
20	Nitrogen-doped nanoporous carbon nanosheets derived from plant biomass: an efficient catalyst for oxygen reduction reaction. Energy and Environmental Science, 2014, 7, 4095-4103.	30.8	537