

Hui Tang

List of Publications by Year in descending order

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44
papers

1,375
citations

304743
22
h-index

345221
36
g-index

44
all docs

44
docs citations

44
times ranked

1826
citing authors

#	ARTICLE	IF	CITATIONS
1	Actuator Fault-Tolerant Control for Four-Wheel-Drive-by-Wire Electric Vehicle. IEEE Transactions on Transportation Electrification, 2022, 8, 2361-2373.	7.8	11
2	Electrospun Carbon Nanofibers Loaded with Atomic FeN _x /Fe ₂ O ₃ Active Sites for Efficient Oxygen Reduction Reaction in Both Acidic and Alkaline Media. Advanced Materials Interfaces, 2022, 9, .	3.7	7
3	In-situ grown flower-like C@SnO ₂ /Cu ₂ O nanosheet clusters on Cu foam as high performance anode for lithium-ion batteries. Journal of Alloys and Compounds, 2021, 856, 158202.	5.5	24
4	Facile electrochemical fabrication of magnetic Fe ₃ O ₄ for electrocatalytic synthesis of ammonia used for hydrogen storage application. International Journal of Hydrogen Energy, 2021, 46, 24128-24134.	7.1	14
5	Advances in wearable textile-based micro energy storage devices: structuring, application and perspective. Nanoscale Advances, 2021, 3, 6271-6293.	4.6	27
6	Electrochemically synthesized SnO ₂ with tunable oxygen vacancies for efficient electrocatalytic nitrogen fixation. Nanoscale, 2021, 13, 16307-16315.	5.6	13
7	Structure and Properties of Hydroxyapatite-Containing Ceramic Coatings on AZ31 Mg Alloy Treated with Different Applied Frequencies. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 1051-1059.	1.1	0
8	In-situ synthesized binder-free flocculent TiO ₂ -x film as anode for lithium-ion batteries. Electrochimica Acta, 2020, 334, 135569.	5.2	15
9	Controllable preparation and synergistically improved catalytic performance of TiC/C hybrid nanofibers via electrospinning for the oxygen reduction reaction. Ceramics International, 2020, 46, 25313-25319.	4.8	8
10	Recent Advances in High-Performance Microbatteries: Construction, Application, and Perspective. Small, 2020, 16, e2003251.	10.0	48
11	Boosting the electrochemical performance and reliability of conducting polymer microelectrode via intermediate graphene for on-chip asymmetric micro-supercapacitor. Journal of Energy Chemistry, 2020, 49, 224-232.	12.9	53
12	Growth Process and Dielectric Breakdown of Micro Arc Oxidation Coating on AZ31 Mg Alloy Pretreated by Alkali Treatment. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 156-163.	1.1	5
13	Improving the Conductivity of Solid Polymer Electrolyte by Grain Reforming. Nanoscale Research Letters, 2020, 15, 122.	5.7	34
14	Multi-layered porous hierarchical TiO ₂ /g-C ₃ N ₄ hybrid coating for enhanced visible light photocatalysis. Applied Surface Science, 2019, 495, 143435.	6.1	62
15	MOF-Derived Ni-Doped CoS ₂ Grown on Carbon Fiber Paper for Efficient Oxygen Evolution Reaction. ChemElectroChem, 2019, 6, 1206-1212.	3.4	42
16	Co-Electrodeposited porous PEDOT-CNT microelectrodes for integrated micro-supercapacitors with high energy density, high rate capability, and long cycling life. Nanoscale, 2019, 11, 7761-7770.	5.6	69
17	A hydrated NH ₄ V ₃ O ₈ nanobelt electrode for superior aqueous and quasi-solid-state zinc ion batteries. Journal of Materials Chemistry A, 2019, 7, 23140-23148.	10.3	70
18	Enhanced upconversion luminescence in NaYF ₄ :Yb, Er nanoparticles by using graphitic carbon shells. Materials Research Express, 2019, 6, 045040.	1.6	4

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19	Research on design, fabrication, and properties of Fe ₂ O ₃ @SiO ₂ /CDs/PEG@nSiO ₂ nanocomposites. Materials Letters, 2019, 235, 39-41.	2.6	6
20	Fabrication of hydroxyapatite coatings on AZ31 Mg alloy by micro-arc oxidation coupled with sol-gel treatment. RSC Advances, 2018, 8, 12368-12375.	3.6	24
21	High-performance infrared emissivity of micro-arc oxidation coatings formed on titanium alloy for aerospace applications. International Journal of Applied Ceramic Technology, 2018, 15, 579-591.	2.1	12
22	Oxidation resistance improvement of Zr-4 alloy in 1000°C steam environment using ZrO ₂ /FeCrAl bilayer coating. Surface and Coatings Technology, 2018, 349, 807-815.	4.8	58
23	Composite coatings of lanthanum-doped fluor-hydroxyapatite and a layer of strontium titanate nanotubes: fabrication, bio-corrosion resistance, cytocompatibility and osteogenic differentiation. Ceramics International, 2018, 44, 16632-16646.	4.8	20
24	Corrosion behavior of HA containing ceramic coated magnesium alloy in Hank's solution. Journal of Alloys and Compounds, 2017, 698, 643-653.	5.5	41
25	Synthesis and properties of hydroxyapatite-containing coating on AZ31 magnesium alloy by micro-arc oxidation. Applied Surface Science, 2017, 400, 391-404.	6.1	89
26	Luminescent properties and microstructure of SiC doped AlON: Eu ²⁺ phosphors. Journal of Alloys and Compounds, 2017, 725, 217-226.	5.5	10
27	Fabrication of nickel-YSZ cermet nanofibers via electrospinning. Journal of Alloys and Compounds, 2017, 693, 1214-1219.	5.5	18
28	CAN THE OPAQUE PORCELAIN AND DENTIN PORCELAIN BE SUBSTITUTED IN TITANIUM PORCELAIN PROSTHETIC?. Surface Review and Letters, 2017, 24, 1750037.	1.1	0
29	Fabrication and Characterization of Mg(OH) ₂ Films on AZ31 Magnesium Alloy by Alkali Treatment. International Journal of Electrochemical Science, 2017, 12, 1377-1388.	1.3	15
30	Cathodic voltage-dependent composition, microstructure and corrosion resistance of plasma electrolytic oxidation coatings formed on Zr-4 alloy. RSC Advances, 2016, 6, 34616-34624.	3.6	11
31	Fe ₃ C/helical carbon nanotube hybrid: Facile synthesis and spin-induced enhancement in microwave-absorbing properties. Composites Part B: Engineering, 2016, 107, 51-58.	12.0	76
32	Vapor-Dissociation-Solid Growth of Three-Dimensional Graphite-like Capsules with Delicate Morphology and Atomic-level Thickness Control. Crystal Growth and Design, 2016, 16, 5040-5048.	3.0	27
33	Preparation and characterization of hydroxyapatite containing coating on AZ31 magnesium alloy by micro-arc oxidation. Journal of Alloys and Compounds, 2016, 688, 699-708.	5.5	83
34	Improved Blue-Emitting AlN:Eu ²⁺ Phosphors by Alloying with GaN. Journal of the American Ceramic Society, 2015, 98, 3897-3904.	3.8	12
35	Luminescent properties of a novel Al ₁₀₀ N ₃ :Eu ²⁺ phosphor by a mechanochemical activation route. Optical Materials, 2015, 42, 511-515.	3.6	13
36	Enhancement in photoluminescence performance of carbon-decorated T-ZnO. Nanotechnology, 2015, 26, 125705.	2.6	11

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37	Synthesis of high-purity CuO nanoleaves and analysis of their ethanol gas sensing properties. RSC Advances, 2015, 5, 34788-34794.	3.6	39
38	High-purity Cu nanocrystal synthesis by a dynamic decomposition method. Nanoscale Research Letters, 2014, 9, 2499.	5.7	9
39	Synthesis and properties of CaTiO ₃ -containing coating on AZ31 magnesium alloy by micro-arc oxidation. Materials Letters, 2013, 93, 427-430.	2.6	34
40	Preparation and characterization of HA microflowers coating on AZ31 magnesium alloy by micro-arc oxidation and a solution treatment. Applied Surface Science, 2013, 264, 816-822.	6.1	89
41	FORMATION OF HA-CONTAINING COATING ON AZ31 MAGNESIUM ALLOY BY MICRO-ARC OXIDATION. Surface Review and Letters, 2013, 20, 1350026.	1.1	2
42	Influence of Co(CH ₃ COO) ₂ concentration on thermal emissivity of coatings formed on titanium alloy by micro-arc oxidation. Current Applied Physics, 2012, 12, 284-290.	2.4	42
43	Influence of FeSO ₄ concentration on thermal emissivity of coatings formed on titanium alloy by micro-arc oxidation. Applied Surface Science, 2011, 257, 10839-10844.	6.1	47
44	Microstructure and corrosion resistance of ceramic coating on carbon steel prepared by plasma electrolytic oxidation. Surface and Coatings Technology, 2010, 204, 1685-1688.	4.8	81