

Mingliang Du

List of Publications by Year in descending order

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147
papers

8,526
citations

46918

47
h-index

51492

86
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148
all docs

148
docs citations

148
times ranked

9168
citing authors

#	ARTICLE	IF	CITATIONS
1	When Cubic Cobalt Sulfide Meets Layered Molybdenum Disulfide: A Core-Shell System Toward Synergetic Electrocatalytic Water Splitting. <i>Advanced Materials</i> , 2015, 27, 4752-4759.	11.1	705
2	Newly emerging applications of halloysite nanotubes: a review. <i>Polymer International</i> , 2010, 59, 574-582.	1.6	605
3	Thermal stability and flame retardant effects of halloysite nanotubes on poly(propylene). <i>European Polymer Journal</i> , 2006, 42, 1362-1369.	2.6	429
4	Properties of halloysite nanotube-epoxy resin hybrids and the interfacial reactions in the systems. <i>Nanotechnology</i> , 2007, 18, 455703.	1.3	253
5	Carboxylated butadiene-styrene rubber/halloysite nanotube nanocomposites: Interfacial interaction and performance. <i>Polymer</i> , 2008, 49, 4871-4876.	1.8	221
6	Halloysite nanotubes as a novel β -nucleating agent for isotactic polypropylene. <i>Polymer</i> , 2009, 50, 3022-3030.	1.8	206
7	Unraveling the electronegativity-dominated intermediate adsorption on high-entropy alloy electrocatalysts. <i>Nature Communications</i> , 2022, 13, 2662.	5.8	196
8	Structure regulation of silica nanotubes and their adsorption behaviors for heavy metal ions: pH effect, kinetics, isotherms and mechanism. <i>Journal of Hazardous Materials</i> , 2015, 286, 533-544.	6.5	166
9	Atomic-Scale Core/Shell Structure Engineering Induces Precise Tensile Strain to Boost Hydrogen Evolution Catalysis. <i>Advanced Materials</i> , 2018, 30, e1707301.	11.1	148
10	Drying induced aggregation of halloysite nanotubes in polyvinyl alcohol/halloysite nanotubes solution and its effect on properties of composite film. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 88, 391-395.	1.1	147
11	Green synthesis of Au nanoparticles immobilized on halloysite nanotubes for surface-enhanced Raman scattering substrates. <i>Dalton Transactions</i> , 2012, 41, 10465.	1.6	145
12	Natural inorganic nanotubes reinforced epoxy resin nanocomposites. <i>Journal of Polymer Research</i> , 2008, 15, 205-212.	1.2	140
13	WO ₃ Nanoplates Grown on Carbon Nanofibers for an Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18132-18139.	4.0	129
14	Crystallization behavior of polyamide 6/halloysite nanotubes nanocomposites. <i>Thermochimica Acta</i> , 2009, 484, 48-56.	1.2	125
15	Reinforcing and Flame-Retardant Effects of Halloysite Nanotubes on LLDPE. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 48, 607-613.	1.9	123
16	S-rich single-layered MoS ₂ nanoplates embedded in N-doped carbon nanofibers: efficient co-electrocatalysts for the hydrogen evolution reaction. <i>Chemical Communications</i> , 2014, 50, 15435-15438.	2.2	118
17	Interactions between halloysite nanotubes and 2,5-bis(2-benzoxazolyl) thiophene and their effects on reinforcement of polypropylene/halloysite nanocomposites. <i>Nanotechnology</i> , 2008, 19, 205709.	1.3	114
18	Styrene-butadiene rubber/halloysite nanotubes nanocomposites modified by methacrylic acid. <i>Applied Surface Science</i> , 2008, 255, 2715-2722.	3.1	108

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19	WSe ₂ and W(S _x) ₂ nanoflakes grown on carbon nanofibers for the electrocatalytic hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18090-18097.	5.2	107
20	The marriage and integration of nanostructures with different dimensions for synergistic electrocatalysis. <i>Energy and Environmental Science</i> , 2017, 10, 321-330.	15.6	104
21	Design of Two-Dimensional, Ultrathin MoS ₂ Nanoplates Fabricated Within One-Dimensional Carbon Nanofibers With Thermosensitive Morphology: High-Performance Electrocatalysts For The Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22126-22137.	4.0	102
22	High-entropy alloy stabilized active Ir for highly efficient acidic oxygen evolution. <i>Chemical Engineering Journal</i> , 2022, 431, 133251.	6.6	100
23	Facile and green fabrication of size-controlled AuNPs/CNFs hybrids for the highly sensitive simultaneous detection of heavy metal ions. <i>Electrochimica Acta</i> , 2016, 196, 422-430.	2.6	99
24	Highly efficient and durable PtCo alloy nanoparticles encapsulated in carbon nanofibers for electrochemical hydrogen generation. <i>Chemical Communications</i> , 2016, 52, 990-993.	2.2	95
25	Strain Relaxation in Metal Alloy Catalysts Steers the Product Selectivity of Electrocatalytic CO ₂ Reduction. <i>ACS Nano</i> , 2022, 16, 3251-3263.	7.3	94
26	Interatomic Electronegativity Offset Dictates Selectivity When Catalyzing the CO ₂ Reduction Reaction. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	91
27	Highly thermal conductive and electrically insulating polymer composites based on polydopamine-coated copper nanowire. <i>Composites Science and Technology</i> , 2018, 164, 153-159.	3.8	89
28	A 3D dendritic WSe ₂ catalyst grown on carbon nanofiber mats for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12149-12153.	5.2	88
29	Artificial Nacre from Supramolecular Assembly of Graphene Oxide. <i>ACS Nano</i> , 2018, 12, 6228-6235.	7.3	85
30	A new strategy for the surface-free-energy-distribution induced selective growth and controlled formation of Cu ₂ O@Au hierarchical heterostructures with a series of morphological evolutions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 919-929.	5.2	84
31	Facile and green synthesis of well-dispersed Au nanoparticles in PAN nanofibers by tea polyphenols. <i>Journal of Materials Chemistry</i> , 2012, 22, 9301.	6.7	81
32	Nano High-Entropy Materials: Synthesis Strategies and Catalytic Applications. <i>Small Structures</i> , 2020, 1, 2000033.	6.9	80
33	Effects of halloysite nanotubes on kinetics and activation energy of non-isothermal crystallization of polypropylene. <i>Journal of Polymer Research</i> , 2010, 17, 109-118.	1.2	73
34	The design and construction of 3D rose-petal-shaped MoS ₂ hierarchical nanostructures with structure-sensitive properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7680.	5.2	70
35	Functional materials from nature: honeycomb-like carbon nanosheets derived from silk cocoon as excellent electrocatalysts for hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2016, 215, 223-230.	2.6	68
36	Immobilization of Pt Nanoparticles in Carbon Nanofibers: Bifunctional Catalyst for Hydrogen Evolution and Electrochemical Sensor. <i>Electrochimica Acta</i> , 2015, 167, 48-54.	2.6	67

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37	Morphology and Structure Engineering in Nanofiber Reactor: Tubular Hierarchical Integrated Networks Composed of Dual Phase Octahedral CoMn_2O_4 /Carbon Nanofibers for Water Oxidation. <i>Small</i> , 2017, 13, 1700468.	5.2	66
38	Facile fabrication of AgNPs/(PVA/PEI) nanofibers: High electrochemical efficiency and durability for biosensors. <i>Biosensors and Bioelectronics</i> , 2013, 49, 210-215.	5.3	64
39	Effects of Melanin on Optical Behavior of Polymer: From Natural Pigment to Materials Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13100-13106.	4.0	64
40	Carbon nanofiber-supported PdNi alloy nanoparticles as highly efficient bifunctional catalysts for hydrogen and oxygen evolution reactions. <i>Electrochimica Acta</i> , 2017, 246, 17-26.	2.6	63
41	Detection of trace Cd^{2+} , Pb^{2+} and Cu^{2+} ions via porous activated carbon supported palladium nanoparticles modified electrodes using SWASV. <i>Materials Chemistry and Physics</i> , 2019, 225, 433-442.	2.0	61
42	Preparation and Characterization of Polypropylene Grafted Halloysite and Their Compatibility Effect to Polypropylene/Halloysite Composite. <i>Polymer Journal</i> , 2006, 38, 1198-1204.	1.3	59
43	Engineering the Composition and Structure of Bimetallic Au-Cu Alloy Nanoparticles in Carbon Nanofibers: Self-Supported Electrode Materials for Electrocatalytic Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19756-19765.	4.0	55
44	In Situ Fabrication of Electrospun Carbon Nanofibers-Binary Metal Sulfides as Freestanding Electrode for Electrocatalytic Water Splitting. <i>Advanced Fiber Materials</i> , 2021, 3, 117-127.	7.9	53
45	Simple construction of ruthenium single atoms on electrospun nanofibers for superior alkaline hydrogen evolution: A dynamic transformation from clusters to single atoms. <i>Chemical Engineering Journal</i> , 2020, 392, 123655.	6.6	52
46	Sublayer Stable Fe Dopant in Porous Pd Metallene Boosts Oxygen Reduction Reaction. <i>ACS Nano</i> , 2022, 16, 522-532.	7.3	52
47	In situ interfacial engineering of nickel tungsten carbide Janus structures for highly efficient overall water splitting. <i>Science Bulletin</i> , 2020, 65, 640-650.	4.3	51
48	Low-Electronegativity Vanadium Substitution in Cobalt Carbide Induced Enhanced Electron Transfer for Efficient Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43261-43269.	4.0	49
49	Green synthesis of halloysite nanotubes supported Ag nanoparticles for photocatalytic decomposition of methylene blue. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 325302.	1.3	47
50	Small and well-dispersed Cu nanoparticles on carbon nanofibers: Self-supported electrode materials for efficient hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18044-18049.	3.8	47
51	Synthesis and deposition of ultrafine noble metallic nanoparticles on amino-functionalized halloysite nanotubes and their catalytic application. <i>Materials Research Bulletin</i> , 2015, 61, 375-382.	2.7	46
52	Free-standing and Eco-friendly Polyaniline Thin Films for Multifunctional Sensing of Physical and Chemical Stimuli. <i>Advanced Functional Materials</i> , 2017, 27, 1703147.	7.8	46
53	Benzothiazole sulfide compatibilized polypropylene/halloysite nanotubes composites. <i>Applied Surface Science</i> , 2009, 255, 4961-4969.	3.1	45
54	Self-assembly of various Au nanocrystals on functionalized water-stable PVA/PEI nanofibers: A highly efficient surface-enhanced Raman scattering substrates with high density of hot-spots. <i>Biosensors and Bioelectronics</i> , 2014, 54, 91-101.	5.3	45

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55	Synthesis and properties of the vapour-grown carbon nanofiber/epoxy shape memory and conductive foams prepared via latex technology. <i>Composites Science and Technology</i> , 2013, 76, 8-13.	3.8	44
56	Understanding the Role of Nanoscale Heterointerfaces in Core/Shell Structures for Water Splitting: Covalent Bonding Interaction Boosts the Activity of Binary Transition-Metal Sulfides. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6250-6261.	4.0	42
57	Isolation of Metalloid Boron Atoms in Intermetallic Carbide Boosts the Catalytic Selectivity for Electrochemical N ₂ Fixation. <i>Advanced Energy Materials</i> , 2021, 11, 2102138.	10.2	42
58	Formation of Reinforcing Inorganic Network in Polymer via Hydrogen Bonding Self-Assembly Process. <i>Polymer Journal</i> , 2007, 39, 208-212.	1.3	41
59	Functionalization of cellulose nanocrystals with β -MPS and its effect on the adhesive behavior of acrylic pressure sensitive adhesives. <i>Carbohydrate Polymers</i> , 2019, 217, 168-177.	5.1	41
60	Two-dimensional molybdenum disulfide and tungsten disulfide interleaved nanowalls constructed on silk cocoon-derived N-doped carbon fibers for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 21870-21882.	3.8	38
61	Reinforcing thermoplastics with hydrogen bonding bridged inorganics. <i>Physica B: Condensed Matter</i> , 2010, 405, 655-662.	1.3	37
62	MORPHOLOGY, INTERFACIAL INTERACTION AND PROPERTIES OF STYRENE-BUTADIENE RUBBER/MODIFIED HALLOYSITE NANOTUBE NANOCOMPOSITES. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2009, 27, 857.	2.0	36
63	Single-atom catalysts for electrochemical clean energy conversion: recent progress and perspectives. <i>Sustainable Energy and Fuels</i> , 2020, 4, 996-1011.	2.5	36
64	Facile and green fabrication of small, mono-disperse and size-controlled noble metal nanoparticles embedded in water-stable polyvinyl alcohol nanofibers: High sensitive, flexible and reliable materials for biosensors. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 608-619.	4.0	35
65	Design of Intrinsically Flame-Retardant Vanillin-Based Epoxy Resin for Thermal-Conductive Epoxy/Graphene Aerogel Composites. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59341-59351.	4.0	35
66	NiCoSe 2-x /N-doped C mushroom-like core/shell nanorods on N-doped carbon fiber for efficiently electrocatalyzed overall water splitting. <i>Electrochimica Acta</i> , 2018, 272, 161-168.	2.6	34
67	Facile fabrication of polyaniline nanotubes/gold hybrid nanostructures as substrate materials for biosensors. <i>Chemical Engineering Journal</i> , 2014, 258, 281-289.	6.6	33
68	Synthesis and Immobilization of Pt Nanoparticles on Amino-Functionalized Halloysite Nanotubes toward Highly Active Catalysts. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 4.	1.2	33
69	Facile fabrication of AuNPs/PANI/HNTs nanostructures for high-performance electrochemical sensors towards hydrogen peroxide. <i>Chemical Engineering Journal</i> , 2014, 248, 307-314.	6.6	32
70	Selective growth of Au nanograins on specific positions (tips, edges and facets) of Cu ₂ O octahedrons to form Cu ₂ O@Au hierarchical heterostructures. <i>Dalton Transactions</i> , 2012, 41, 13795.	1.6	31
71	Synthesis of silver nanoparticles in electrospun polyacrylonitrile nanofibers using tea polyphenols as the reductant. <i>Polymer Engineering and Science</i> , 2013, 53, 1099-1108.	1.5	31
72	Design and fabrication of size-controlled Pt@Au bimetallic alloy nanostructure in carbon nanofibers: a bifunctional material for biosensors and the hydrogen evolution reaction. <i>Journal of Materials Science</i> , 2017, 52, 8207-8218.	1.7	31

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73	Designed Synthesis of Size-Controlled Pt ₁ Fe ₁ Cu Alloy Nanoparticles Encapsulated in Carbon Nanofibers and Their High Efficient Electrocatalytic Activity Toward Hydrogen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700005.	1.9	31
74	Photothermal-Responsive Graphene Oxide Membrane with Smart Gates for Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44886-44893.	4.0	31
75	Antimicrobial Waterborne Polyurethanes Based on Quaternary Ammonium Compounds. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 458-463.	1.8	31
76	A novel synergistic confinement strategy for controlled synthesis of high-entropy alloy electrocatalysts. <i>Chemical Communications</i> , 2021, 57, 2637-2640.	2.2	31
77	Thermal Decomposition and Oxidation Ageing Behaviour of Polypropylene/Halloysite Nanotube Nanocomposites. <i>Polymers and Polymer Composites</i> , 2007, 15, 321-328.	1.0	30
78	The Role of Interactions between Halloysite Nanotubes and 2,2'-(1,2-Ethenediyl-di-4,1-phenylene) Bisbenzoxazole in Halloysite Reinforced Polypropylene Composites. <i>Polymer Journal</i> , 2008, 40, 1087-1093.	1.3	30
79	Facile Fabrication of ZnO/TiO ₂ Heterogeneous Nanofibres and Their Photocatalytic Behaviour and Mechanism towards Rhodamine B. <i>Nanomaterials and Nanotechnology</i> , 2016, 6, 9.	1.2	30
80	Synthesis of a MoS ₂ (1-x)Se _{2x} ternary alloy on carbon nanofibers as the high efficient water splitting electrocatalyst. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1912-1918.	3.8	30
81	Facile fabrication of a binary NiCo phosphide with hierarchical architecture for efficient hydrogen evolution reactions. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4188-4196.	3.8	30
82	Excellent UV Resistance of Polylactide by Interfacial Stereocomplexation with Double-Shell-Structured TiO ₂ Nanohybrids. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49090-49100.	4.0	29
83	Probing the unexpected behavior of AuNPs migrating through nanofibers: a new strategy for the fabrication of carbon nanofiber-noble metal nanocrystal hybrid nanostructures. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11728-11741.	5.2	28
84	In situ growth of Rh nanoparticles with controlled sizes and dispersions on the cross-linked PVA-PEI nanofibers and their electrocatalytic properties towards H ₂ O ₂ . <i>RSC Advances</i> , 2014, 4, 794-804.	1.7	28
85	Carbon nanofibers as nanoreactors in the construction of PtCo alloy carbon core-shell structures for highly efficient and stable water splitting. <i>Materials and Design</i> , 2016, 109, 162-170.	3.3	28
86	Hyper-dendritic PdZn nanocrystals as highly stable and efficient bifunctional electrocatalysts towards oxygen reduction and ethanol oxidation. <i>Chemical Engineering Journal</i> , 2021, 420, 130503.	6.6	27
87	Artificial Nacre Epoxy Nanomaterials Based on Janus Graphene Oxide for Thermal Management Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44273-44280.	4.0	26
88	Nitrogen and gold nanoparticles co-doped carbon nanofiber hierarchical structures for efficient hydrogen evolution reactions. <i>Electrochimica Acta</i> , 2016, 208, 1-9.	2.6	25
89	Activating MoS ₂ by interface engineering for efficient hydrogen evolution catalysis. <i>Materials Research Bulletin</i> , 2019, 112, 46-52.	2.7	25
90	Scalable NiCo _x S _y -PANI@GF Membranes with Broadband Light Absorption and High Salt-Resistance for Efficient Solar-Driven Interfacial Evaporation. <i>ACS Applied Energy Materials</i> , 2021, 4, 3563-3572.	2.5	24

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91	Effects of Thermal and UV-induced Grafting of Bismaleimide on Mechanical Performance of Reclaimed Rubber/Natural Rubber Blends. <i>Journal of Polymer Research</i> , 2005, 12, 473-482.	1.2	23
92	Smart Design of Rapid Crystallizing and Nonleaching Antibacterial Poly(lactide) Nanocomposites by Sustainable Aminolysis Grafting and in Situ Interfacial Stereocomplexation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13367-13377.	3.2	23
93	Integrating the cationic engineering and hollow structure engineering into perovskites oxides for efficient and stable electrocatalytic oxygen evolution. <i>Electrochimica Acta</i> , 2019, 327, 135033.	2.6	23
94	The 2D/2D $\text{ZnCoMOF/g-C}_3\text{N}_4$ heterojunction with enhanced photocatalytic hydrogen evolution under visible light irradiation. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6124.	1.7	23
95	Silk-derived graphene-like carbon with high electrocatalytic activity for oxygen reduction reaction. <i>RSC Advances</i> , 2016, 6, 34219-34224.	1.7	22
96	Preferred zinc-modified melamine phytate for the flame retardant polylactide with limited smoke release. <i>New Journal of Chemistry</i> , 2021, 45, 13329-13339.	1.4	22
97	One-dimensional, space-confined, solid-phase growth of the $\text{Cu}_9\text{S}_5@MoS_2$ core-shell heterostructure for electrocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 88-97.	5.0	22
98	Kelp-Derived Activated Porous Carbon for the Detection of Heavy Metal Ions via Square Wave Anodic Stripping Voltammetry. <i>Electrocatalysis</i> , 2020, 11, 59-67.	1.5	21
99	Thermodynamically driven metal diffusion strategy for controlled synthesis of high-entropy alloy electrocatalysts. <i>Chemical Communications</i> , 2021, 57, 10027-10030.	2.2	21
100	Core-Shell Starch Nanoparticles and Their Toughening of Polylactide. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 13048-13054.	1.8	20
101	Controlled morphology evolution of electrospun carbon nanofiber templated tungsten disulfide nanostructures. <i>Electrochimica Acta</i> , 2015, 176, 255-264.	2.6	19
102	Heterostructure design of $\text{Cu}_2\text{O/Cu}_2\text{S}$ core/shell nanowires for solar-driven photothermal water vaporization towards desalination. <i>Sustainable Energy and Fuels</i> , 2020, 4, 6023-6029.	2.5	19
103	Investigation on Structures and Properties of Shape Memory Polyurethane/Silica Nanocomposites. <i>Chinese Journal of Chemistry</i> , 2011, 29, 703-710.	2.6	18
104	Core-Shell Starch Nanoparticles Improve the Mechanical and Thermal Properties of Poly(propylene) Tj ETQqO 0 0 rgBT /Overlock 10 T	3.2	18
105	A Highly Active and Robust CoP/CoS_2 -Based Electrocatalyst Toward Overall Water Splitting. <i>Electrocatalysis</i> , 2019, 10, 253-261.	1.5	18
106	Controlled growth of ultrafine metal nanoparticles mediated by solid supports. <i>Nanoscale Advances</i> , 2021, 3, 1865-1886.	2.2	18
107	Direct Z-scheme CdS@NiPc heterojunctions as noble metal-free photocatalysts for enhanced photocatalytic hydrogen evolution. <i>Catalysis Science and Technology</i> , 2021, 11, 7683-7693.	2.1	18
108	A Facile Strategy to Synthesize Cobalt-Based Self-Supported Material for Electrocatalytic Water Splitting. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700189.	1.2	17

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109	Binary nickel iron phosphide composites with oxidized surface groups as efficient electrocatalysts for the oxygen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3518-3524.	2.5	17
110	Atom-precise incorporation of platinum into ultrafine transition metal carbides for efficient synergetic electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4911-4919.	5.2	17
111	Conductive metal and covalent organic frameworks for electrocatalysis: design principles, recent progress and perspective. <i>Nanoscale</i> , 2022, 14, 277-288.	2.8	17
112	High entropy alloy nitrides with integrated nanowire/nanosheet architecture for efficient alkaline hydrogen evolution reactions. <i>New Journal of Chemistry</i> , 2021, 45, 22255-22260.	1.4	16
113	Beyond Colloidal Synthesis: Nanofiber Reactor to Design Self-Supported Core-Shell Pd ₁₆ S ₇ /MoS ₂ /CNFs Electrode for Efficient and Durable Hydrogen Evolution Catalysis. <i>ACS Applied Energy Materials</i> , 2019, 2, 2013-2021.	2.5	15
114	Flexible and recyclable bio-based transient resistive memory enabled by self-healing polyimine membrane. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1126-1134.	5.0	15
115	Use of TX100-dangled epoxy as a reactive noncovalent dispersant of vapor-grown carbon nanofibers in an aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013, 391, 8-15.	5.0	14
116	Building block nanoparticles engineering induces multi-element perovskite hollow nanofibers structure evolution to trigger enhanced oxygen evolution. <i>Electrochimica Acta</i> , 2018, 279, 301-310.	2.6	14
117	Boosting oxygen evolution through phase and electronic modulation of highly dispersed tungsten carbide with nickel doping. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 258-266.	5.0	14
118	Synthesis and Catalytic Properties of Polyaniline/Au Hybrid Nanostructure. <i>Soft Materials</i> , 2014, 12, 179-184.	0.8	13
119	A self-supported electrochemical sensor for simultaneous sensitive detection of trace heavy metal ions based on PtAu alloy/carbon nanofibers. <i>Analytical Methods</i> , 2017, 9, 6801-6807.	1.3	13
120	Graphene-assisted fabrication of poly(μ -caprolactone)-based nanocomposites with high mechanical properties and self-healing functionality. <i>New Journal of Chemistry</i> , 2018, 42, 10348-10356.	1.4	13
121	High-Performance Polylactic Acid Materials Enabled by TiO ₂ -Polydopamine Hybrid Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3999-4008.	1.8	13
122	The preparation of tubular heterostructures based on titanium dioxide and silica nanotubes and their photocatalytic activity. <i>Dalton Transactions</i> , 2014, 43, 1846-1853.	1.6	12
123	AgNPs/PVA and AgNPs/(PVA/PEI) hybrids: preparation, morphology and antibacterial activity. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 345303.	1.3	11
124	Facile Fabrication of Palladium Nanoparticles Immobilized on the Water-Stable Polyvinyl Alcohol/Polyethyleneimine Nanofibers Via <i>In-Situ</i> Reduction and Their High Electrochemical Activity. <i>Soft Materials</i> , 2014, 12, 387-395.	0.8	11
125	Synthesis of MoSe ₂ /Carbon Nanofibers Hybrid and Its Hydrogen Evolution Reaction Performance. <i>Chemistry Letters</i> , 2016, 45, 69-71.	0.7	11
126	<i>In situ</i> synthesis of small Pt nanoparticles on chitin aerogel derived N doped ultra-thin carbon nanofibers for superior hydrogen evolution catalysis. <i>New Journal of Chemistry</i> , 2019, 43, 16490-16496.	1.4	11

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127	Hybrid double-network hydrogels with excellent mechanical properties. <i>New Journal of Chemistry</i> , 2020, 44, 16569-16576.	1.4	11
128	Skin bioinspired anti-ultraviolet melanin/TiO ₂ nanoparticles without penetration for efficient broad-spectrum sunscreen. <i>Colloid and Polymer Science</i> , 2021, 299, 1797-1805.	1.0	11
129	Facile Fabrication of Au Nanoparticles Immobilized on Polyaniline Nanofibers: High Sensitive Nonenzymatic Hydrogen Peroxide Sensor. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 127-133.	0.4	11
130	Morphology and properties of halloysite nanotubes reinforced polypropylene nanocomposites. <i>E-Polymers</i> , 2008, 8, .	1.3	10
131	Synthesis of Transparent Densely Crosslinked Polysiloxane with High Refractive Index. <i>Journal of Macromolecular Science - Physics</i> , 2012, 51, 2462-2472.	0.4	10
132	Nitrogen anion-decorated cobalt tungsten disulfides solid solutions on the carbon nanofibers for water splitting. <i>Nanotechnology</i> , 2018, 29, 385602.	1.3	8
133	Rheology-determined critical conditions for shear-induced crystallization of biosynthesized polyhydroxyalkanoates. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1301-1308.	3.6	8
134	Influence of hybrid fibrils of 2,5-bis(2-benzoxazolyl) thiophene and halloysite nanotubes on the crystallization behaviour of polypropylene. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 075306.	1.3	7
135	Fabrication of Gold Nanoparticles Modified Carbon Nanofibers/Polyaniline Electrode for H ₂ O ₂ Determination. <i>Journal of the Electrochemical Society</i> , 2014, 161, H816-H821.	1.3	7
136	Two-dimension on two-dimension growth: hierarchical Ni _{0.2} Mo _{0.8} N/Fe-doped Ni ₃ N nanosheet array for overall water splitting. <i>RSC Advances</i> , 2021, 11, 19797-19804.	1.7	7
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