

Xin-Yao Yu

List of Publications by Year in descending order

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papers

19,741
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18436

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19215
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#	ARTICLE	IF	CITATIONS
1	Porous molybdenum carbide nano-octahedrons synthesized via confined carburization in metal-organic frameworks for efficient hydrogen production. <i>Nature Communications</i> , 2015, 6, 6512.	5.8	1,194
2	Formation of nickel cobalt sulfide ball-in-ball hollow spheres with enhanced electrochemical pseudocapacitive properties. <i>Nature Communications</i> , 2015, 6, 6694.	5.8	1,101
3	Carbon coated porous nickel phosphides nanoplates for highly efficient oxygen evolution reaction. <i>Energy and Environmental Science</i> , 2016, 9, 1246-1250.	15.6	839
4	Carbon-incorporated Nickel-Cobalt Mixed Metal Phosphide Nanoboxes with Enhanced Electrocatalytic Activity for Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3897-3900.	7.2	725
5	Self-Templated Formation of Uniform NiCo ₂ O ₄ Hollow Spheres with Complex Interior Structures for Lithium-Ion Batteries and Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1868-1872.	7.2	713
6	Metal Sulfide Hollow Nanostructures for Electrochemical Energy Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1501333.	10.2	663
7	Mixed Metal Sulfides for Electrochemical Energy Storage and Conversion. <i>Advanced Energy Materials</i> , 2018, 8, 1701592.	10.2	647
8	Complex Nanostructures from Materials based on Metal-Organic Frameworks for Electrochemical Energy Storage and Conversion. <i>Advanced Materials</i> , 2017, 29, 1703614.	11.1	629
9	Ultrathin MoS ₂ Nanosheets Supported on N-doped Carbon Nanoboxes with Enhanced Lithium Storage and Electrocatalytic Properties. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7395-7398.	7.2	596
10	Formation of Prussian-Blue Analog Nanocages via a Direct Etching Method and their Conversion into Ni-Co Mixed Oxide for Enhanced Oxygen Evolution. <i>Advanced Materials</i> , 2016, 28, 4601-4605.	11.1	550
11	Formation of Ni-Co-MoS ₂ Nanoboxes with Enhanced Electrocatalytic Activity for Hydrogen Evolution. <i>Advanced Materials</i> , 2016, 28, 9006-9011.	11.1	511
12	Structure-designed synthesis of FeS ₂ @C yolk-shell nanoboxes as a high-performance anode for sodium-ion batteries. <i>Energy and Environmental Science</i> , 2017, 10, 1576-1580.	15.6	475
13	Bowl-like SnO ₂ @Carbon Hollow Particles as an Advanced Anode Material for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12803-12807.	7.2	463
14	Formation of Nickel Sulfide Nanoframes from Metal-Organic Frameworks with Enhanced Pseudocapacitive and Electrocatalytic Properties. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5331-5335.	7.2	439
15	Sb@C coaxial nanotubes as a superior long-life and high-rate anode for sodium ion batteries. <i>Energy and Environmental Science</i> , 2016, 9, 2314-2318.	15.6	414
16	Formation of Hierarchical Cu-doped CoSe ₂ Microboxes via Sequential Ion Exchange for High-Performance Sodium-Ion Batteries. <i>Advanced Materials</i> , 2018, 30, e1706668.	11.1	402
17	Hierarchical MoS ₂ tubular structures internally wired by carbon nanotubes as a highly stable anode material for lithium-ion batteries. <i>Science Advances</i> , 2016, 2, e1600021.	4.7	362
18	Confining SnS ₂ Ultrathin Nanosheets in Hollow Carbon Nanostructures for Efficient Capacitive Sodium Storage. <i>Joule</i> , 2018, 2, 725-735.	11.7	324

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19	The Design and Synthesis of Hollow Micro-/Nanostructures: Present and Future Trends. <i>Advanced Materials</i> , 2018, 30, e1800939.	11.1	301
20	Iron and 1,3,5-Benzenetricarboxylic Metal-Organic Coordination Polymers Prepared by Solvothermal Method and Their Application in Efficient As(V) Removal from Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8601-8607.	1.5	287
21	General Formation of MS (M = Ni, Cu, Mn) Box-in-Box Hollow Structures with Enhanced Pseudocapacitive Properties. <i>Advanced Functional Materials</i> , 2014, 24, 7440-7446.	7.8	281
22	Nickel cobalt phosphides quasi-hollow nanocubes as an efficient electrocatalyst for hydrogen evolution in alkaline solution. <i>Chemical Communications</i> , 2016, 52, 1633-1636.	2.2	271
23	Nanostructured Electrode Materials for Advanced Sodium-Ion Batteries. <i>Matter</i> , 2019, 1, 90-114.	5.0	266
24	Activating the hydrogen evolution and overall water splitting performance of NiFe LDH by cation doping and plasma reduction. <i>Applied Catalysis B: Environmental</i> , 2020, 266, 118627.	10.8	255
25	Encapsulating Sn Nanoparticles in Amorphous Carbon Nanotubes for Enhanced Lithium Storage Properties. <i>Advanced Energy Materials</i> , 2016, 6, 1601177.	10.2	234
26	AlOOH-Reduced Graphene Oxide Nanocomposites: One-Pot Hydrothermal Synthesis and Their Enhanced Electrochemical Activity for Heavy Metal Ions. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4672-4682.	4.0	232
27	Adsorption of Lead(II) on O ₂ -Plasma-Oxidized Multiwalled Carbon Nanotubes: Thermodynamics, Kinetics, and Desorption. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2585-2593.	4.0	220
28	Graphene Layers-Wrapped Fe/Fe ₅ C ₂ Nanoparticles Supported on N-Doped Graphene Nanosheets for Highly Efficient Oxygen Reduction. <i>Advanced Energy Materials</i> , 2018, 8, 1702476.	10.2	205
29	Facile Synthesis of Urchin-like NiCo ₂ O ₄ Hollow Microspheres with Enhanced Electrochemical Properties in Energy and Environmentally Related Applications. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3689-3695.	4.0	204
30	A Practical High-Energy Cathode for Sodium-Ion Batteries Based on Uniform P ₂ Na _{0.7} CoO ₂ Microspheres. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5801-5805.	7.2	197
31	Electrochemical Detection of Arsenic(III) Completely Free from Noble Metal: Fe ₃ O ₄ Microspheres-Room Temperature Ionic Liquid Composite Showing Better Performance than Gold. <i>Analytical Chemistry</i> , 2013, 85, 2673-2680.	3.2	194
32	Hierarchical Nanotubes Constructed by Carbon-Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12202-12205.	7.2	188
33	Novel 3D Hierarchical Cotton-Candy-Like CuO: Surfactant-Free Solvothermal Synthesis and Application in As(III) Removal. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1954-1962.	4.0	184
34	A Nanosheets-on-Channel Architecture Constructed from MoS ₂ and CMK-3 for High-Capacity and Long-Cycle-Life Lithium Storage. <i>Advanced Energy Materials</i> , 2014, 4, 1400902.	10.2	180
35	Carbon-Incorporated Nickel-Cobalt Mixed Metal Phosphide Nanoboxes with Enhanced Electrocatalytic Activity for Oxygen Evolution. <i>Angewandte Chemie</i> , 2017, 129, 3955-3958.	1.6	177
36	Three-dimensional hierarchical flower-like Mg-Al-layered double hydroxides: highly efficient adsorbents for As(v) and Cr(vi) removal. <i>Nanoscale</i> , 2012, 4, 3466.	2.8	175

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37	Formation of Polypyrrole-Coated Sb ₂ Se ₃ Microclips with Enhanced Sodium-Storage Properties. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9859-9863.	7.2	173
38	Bullet-like Cu ₉ S ₅ Hollow Particles Coated with Nitrogen-Doped Carbon for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7744-7748.	7.2	173
39	Rutile TiO ₂ Submicroboxes with Superior Lithium Storage Properties. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4001-4004.	7.2	169
40	Deeply reconstructed hierarchical and defective NiOOH/FeOOH nanoboxes with accelerated kinetics for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15586-15594.	5.2	162
41	Etching-In-A-Box: A Novel Strategy to Synthesize Unique Yolk-Shelled Fe ₃ O ₄ @Carbon with an Ultralong Cycling Life for Lithium Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1502318.	10.2	158
42	Porous Hierarchically Micro-/Nanostructured MgO: Morphology Control and Their Excellent Performance in As(III) and As(V) Removal. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22242-22250.	1.5	142
43	Formation of Co ₃ O ₄ microframes from MOFs with enhanced electrochemical performance for lithium storage and water oxidation. <i>Chemical Communications</i> , 2016, 52, 6269-6272.	2.2	137
44	Stripping voltammetry study of ultra-trace toxic metal ions on highly selectively adsorptive porous magnesium oxide nanoflowers. <i>Analyst</i> , 2012, 137, 2183.	1.7	118
45	Facile preparation of porous Co ₃ O ₄ nanosheets for high-performance lithium ion batteries and oxygen evolution reaction. <i>Journal of Power Sources</i> , 2016, 310, 41-46.	4.0	111
46	Facet-dependent electrochemical properties of Co ₃ O ₄ nanocrystals toward heavy metal ions. <i>Scientific Reports</i> , 2013, 3, 2886.	1.6	105
47	N-doped graphene layers encapsulated NiFe alloy nanoparticles derived from MOFs with superior electrochemical performance for oxygen evolution reaction. <i>Scientific Reports</i> , 2016, 6, 34004.	1.6	104
48	Al-1,3,5-benzenetricarboxylic metal-organic frameworks: A promising adsorbent for defluorination of water with pH insensitivity and low aluminum residual. <i>Chemical Engineering Journal</i> , 2014, 252, 220-229.	6.6	103
49	Non-conductive nanomaterial enhanced electrochemical response in stripping voltammetry: The use of nanostructured magnesium silicate hollow spheres for heavy metal ions detection. <i>Analytica Chimica Acta</i> , 2013, 790, 31-38.	2.6	102
50	Millimeter-sized Mg-Al-LDH nanoflake impregnated magnetic alginate beads (LDH-n-MABs): a novel bio-based sorbent for the removal of fluoride in water. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2119-2128.	5.2	102
51	Facile synthesis of porous single crystalline ZnO nanoplates and their application in photocatalytic reduction of Cr(VI) in the presence of phenol. <i>Journal of Hazardous Materials</i> , 2014, 276, 400-407.	6.5	96
52	Ultra high adsorption capacity of fried egg jellyfish-like γ -AlOOH(Boehmite)@SiO ₂ /Fe ₃ O ₄ porous magnetic microspheres for aqueous Pb(II) removal. <i>Journal of Materials Chemistry</i> , 2011, 21, 16550.	6.7	91
53	Hollow Nanostructures of Molybdenum Sulfides for Electrochemical Energy Storage and Conversion. <i>Small Methods</i> , 2017, 1, 1600020.	4.6	87
54	Self-assembled, monodispersed, flower-like γ -AlOOH hierarchical superstructures for efficient and fast removal of heavy metal ions from water. <i>CrystEngComm</i> , 2012, 14, 3005.	1.3	80

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55	Oxygen Vacancy Engineering Synergistic with Surface Hydrophilicity Modification of Hollow Ru Doped CoNi@LDH Nanotube Arrays for Boosting Hydrogen Evolution. <i>Small</i> , 2022, 18, e2104323.	5.2	71
56	Activating the alkaline hydrogen evolution performance of Mo-incorporated Ni(OH) ₂ by plasma-induced heterostructure. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118154.	10.8	70
57	O ₂ -plasma oxidized multi-walled carbon nanotubes for Cd(II) and Pb(II) detection: Evidence of adsorption capacity for electrochemical sensing. <i>Electrochemistry Communications</i> , 2011, 13, 1506-1509.	2.3	69
58	Synthesis of CoSe ₂ nanoparticles embedded in N-doped carbon with conformal TiO ₂ shell for sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2019, 378, 122206.	6.6	69
59	Enhancing selectivity in stripping voltammetry by different adsorption behaviors: the use of nanostructured Mg-Al-layered double hydroxides to detect Cd(ii). <i>Analyst</i> , 2013, 138, 1812.	1.7	67
60	A Facile Approach for the Synthesis of Ag-Coated Fe ₃ O ₄ @TiO ₂ Core/Shell Microspheres as Highly Efficient and Recyclable Photocatalysts. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5096-5104.	1.0	64
61	Fe ₃ O ₄ Nanoparticles Encapsulated Millimeter-Sized Magnetic Chitosan Beads for Removal of Cr(VI) from Water: Thermodynamics, Kinetics, Regeneration, and Uptake Mechanisms. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 3142-3149.	1.0	64
62	Interface modification of hierarchical Co ₉ S ₈ @NiCo layered dihydroxide nanotube arrays using polypyrrole as charge transfer layer in flexible all-solid asymmetric supercapacitors. <i>Journal of Power Sources</i> , 2019, 439, 227103.	4.0	63
63	Porous 2-line ferrihydrite/bayerite composites (LFBC): Fluoride removal performance and mechanism. <i>Chemical Engineering Journal</i> , 2015, 268, 325-336.	6.6	62
64	Two-step self-assembly of iron oxide into three-dimensional hollow magnetic porous microspheres and their toxic ion adsorption mechanism. <i>Dalton Transactions</i> , 2013, 42, 1921-1928.	1.6	61
65	Bowl-like SnO ₂ @Carbon Hollow Particles as an Advanced Anode Material for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2014, 126, 13017-13021.	1.6	57
66	Tungstate-modulated Ni/Ni(OH) ₂ interface for efficient hydrogen evolution reaction in neutral media. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1456-1462.	5.2	57
67	Carbon-coated CoSe ₂ nanoparticles confined in N-doped carbon microboxes with enhanced sodium storage properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21404-21409.	5.2	52
68	In-situ formation of ligand-stabilized bismuth nanosheets for efficient CO ₂ conversion. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120481.	10.8	52
69	Hierarchical core-shell structures of P-Ni(OH) ₂ rods@MnO ₂ nanosheets as high-performance cathode materials for asymmetric supercapacitors. <i>Nanoscale</i> , 2018, 10, 2524-2532.	2.8	51
70	Nanostructured metal oxides/hydroxides-based electrochemical sensor for monitoring environmental micropollutants. <i>Trends in Environmental Analytical Chemistry</i> , 2014, 3-4, 28-35.	5.3	50
71	Hierarchical Nanotubes Constructed by Carbon-Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. <i>Angewandte Chemie</i> , 2017, 129, 12370-12373.	1.6	47
72	Cation-Assisted Formation of Porous TiO ₂ Nanoboxes with High Grain Boundary Density as Efficient Electrocatalysts for Lithium-Oxygen Batteries. <i>ACS Catalysis</i> , 2018, 8, 1720-1727.	5.5	47

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73	Fluoride removal mechanism of bayerite/boehmite nanocomposites: Roles of the surface hydroxyl groups and the nitrate anions. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 60-67.	5.0	46
74	Synthesis of monodispersed Pt nanoparticles on plasma processed carbon nanotubes for methanol electro-oxidation reaction. <i>Journal of Materials Chemistry</i> , 2009, 19, 6720.	6.7	45
75	Bullet-like Cu ₉ S ₅ Hollow Particles Coated with Nitrogen-Doped Carbon for Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 7826-7830.	1.6	43
76	Facile one-pot synthesis of lepidocrocite (Î³-FeOOH) nanoflakes for water treatment. <i>New Journal of Chemistry</i> , 2013, 37, 2551.	1.4	42
77	Controlled synthesis of natroalunite microtubes and spheres with excellent fluoride removal performance. <i>Chemical Engineering Journal</i> , 2015, 271, 240-251.	6.6	42
78	General synthesis of vanadium-based mixed metal oxides hollow nanofibers for high performance lithium-ion batteries. <i>Journal of Power Sources</i> , 2016, 329, 190-196.	4.0	40
79	A facile template free solution approach for the synthesis of dypingite nanowires and subsequent decomposition to nanoporous MgO nanowires with excellent arsenate adsorption properties. <i>RSC Advances</i> , 2013, 3, 5430.	1.7	36
80	Sub-20 nm-Fe ₃ O ₄ square and circular nanoplates: synthesis and facet-dependent magnetic and electrochemical properties. <i>Chemical Communications</i> , 2014, 50, 15952-15955.	2.2	36
81	Low-coordinated cobalt arrays for efficient hydrazine electrooxidation. <i>Energy and Environmental Science</i> , 2022, 15, 3246-3256.	15.6	36
82	Introducing oxygen vacancies for improving the electrochemical performance of Co ₉ S ₈ @NiCo-LDH nanotube arrays in flexible all-solid battery-capacitor hybrid supercapacitors. <i>Energy</i> , 2022, 238, 121767.	4.5	35
83	Electrochemical oxidation to construct a nickel sulfide/oxide heterostructure with improvement of capacitance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11611-11615.	5.2	33
84	Synergistic Electronic and Pore Structure Modulation in Open Carbon Nanocages Enabling Efficient Electrocatalytic Production of H ₂ O ₂ in Acidic Medium. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	33
85	Formation of Polypyrrole-Coated Sb ₂ Se ₃ Microclips with Enhanced Sodium-Storage Properties. <i>Angewandte Chemie</i> , 2018, 130, 10007-10011.	1.6	31
86	Surfactant-free preparation of nickel carbonate hydroxide in aqueous solution and its toxic ion-exchange properties. <i>New Journal of Chemistry</i> , 2013, 37, 534-539.	1.4	30
87	A simple method to synthesize graphene at 633 K by dechlorination of hexachlorobenzene on Cu foils. <i>Carbon</i> , 2012, 50, 306-310.	5.4	29
88	Synthesis of monodispersed Î±-FeOOH nanorods with a high content of surface hydroxyl groups and enhanced ion-exchange properties towards As(v). <i>RSC Advances</i> , 2013, 3, 15805.	1.7	29
89	Regulating Ni site in NiV LDH for efficient electrocatalytic production of formate and hydrogen by glycerol electrolysis. <i>Rare Metals</i> , 2022, 41, 1583-1594.	3.6	29
90	Necklace-like mesoporous MgO/TiO ₂ heterojunction structures with excellent capability for water treatment. <i>Dalton Transactions</i> , 2014, 43, 2348-2351.	1.6	27

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91	Formation of Ti ⁴⁺ /Fe mixed sulfide nanoboxes for enhanced electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21891-21895.	5.2	27
92	Synthesis of ZIF-67 nanocubes with complex structures co-mediated by dopamine and polyoxometalate. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19338-19341.	5.2	26
93	PEG aggregation templated porous ZnO nanostructure: room temperature solution synthesis, pore formation mechanism, and their photoluminescence properties. <i>CrystEngComm</i> , 2013, 15, 3647.	1.3	25
94	A Practical High-Energy Cathode for Sodium-Ion Batteries Based on Uniform P ₂ Na _{0.7} CoO ₂ Microspheres. <i>Angewandte Chemie</i> , 2017, 129, 5895-5899.	1.6	25
95	Accelerating the oxygen evolution reaction kinetics of Co ₃ O ₄ in neutral electrolyte by decorating RuO ₂ . <i>Chemical Communications</i> , 2021, 57, 2907-2910.	2.2	24
96	Synergetic electronic modulation and nanostructure engineering of heterostructured RuO ₂ /Co ₃ O ₄ as advanced bifunctional electrocatalyst for zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26669-26675.	5.2	24
97	Synthesis of metal-organic-framework related core-shell heterostructures and their application to ion enrichment in aqueous conditions. <i>Chemical Communications</i> , 2014, 50, 7686.	2.2	22
98	Dense doping of indium to coral-like SnO ₂ nanostructures through a plasma-assisted strategy for sensitive and selective detection of chlorobenzene. <i>Nanotechnology</i> , 2011, 22, 315501.	1.3	21
99	Shape-controlled synthesis of CdCO ₃ microcrystals and corresponding nanoporous CdO architectures. <i>RSC Advances</i> , 2012, 2, 10251.	1.7	21
100	Cobalt sulfide aerogel prepared by anion exchange method with enhanced pseudocapacitive and water oxidation performances. <i>Nanotechnology</i> , 2018, 29, 215601.	1.3	19
101	Formation of uniform porous yolk-shell MnCo ₂ O ₄ microrugby balls with enhanced electrochemical performance for lithium storage and the oxygen evolution reaction. <i>Dalton Transactions</i> , 2019, 48, 17022-17028.	1.6	19
102	N ₂ plasma-activated NiO nanosheet arrays with enhanced water splitting performance. <i>Nanotechnology</i> , 2020, 31, 455709.	1.3	18
103	2D metal-organic frameworks and their derivatives for the oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2022, 919, 165823.	2.8	18
104	Copper and carbon-incorporated yolk-shelled FeP spheres with enhanced sodium storage properties. <i>Chemical Engineering Journal</i> , 2021, 421, 127776.	6.6	16
105	Modification of coral-like SnO ₂ nanostructures with dense TiO ₂ nanoparticles for a self-cleaning gas sensor. <i>Talanta</i> , 2012, 99, 394-403.	2.9	15
106	Plasma-reduced Co(OH) ₂ with activated hydrogen evolution and overall water splitting performance. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2645-2649.	2.5	15
107	Fe ions modulated formation of hollow NiFe oxyphosphide spheres with enhanced oxygen evolution performance. <i>Chemical Communications</i> , 2019, 55, 14371-14374.	2.2	9
108	Formation of highly porous CuCo ₂ O ₄ nanosheet assemblies for high-rate and long-term lithium storage. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3370-3374.	2.5	9

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109	Energy Balance in DC Arc Plasma Melting Furnace. <i>Plasma Science and Technology</i> , 2009, 11, 206-210.	0.7	8
110	Plasma deposition of polymer electrolyte membrane for proton exchange membrane fuel cell (PEMFC) applications. <i>Surface and Coatings Technology</i> , 2010, 205, S231-S235.	2.2	6
111	The synthesis and characteristics of polymer nanoballs by plasma polymerization cooperating with DC plasma sputtering technique. <i>Thin Solid Films</i> , 2010, 518, 6609-6613.	0.8	6
112	Preparation of Anodes for DMFC by Co-Sputtering of Platinum and Ruthenium. <i>Plasma Science and Technology</i> , 2010, 12, 224-229.	0.7	5
113	Effects of Sputtering Parameters on the Performance of Sputtered Cathodes for Direct Methanol Fuel Cells. <i>Plasma Science and Technology</i> , 2010, 12, 87-91.	0.7	5
114	Plasma- and anneal-assisted hybridization of SWCNT-Au network for rapid and high-sensitive electrical detection of antibody-antigen interactions. <i>Journal of Materials Chemistry</i> , 2012, 22, 6139.	6.7	4
115	Effect of Feed Forms on the Results of Melting of Fly Ash by a DC Plasma Arc Furnace. <i>Plasma Science and Technology</i> , 2009, 11, 592-597.	0.7	3
116	Synthesis of Porous Gold Based on Gold-Thiol Coordination Polymer and Its Application in SERS Detection with High Activity and High Reproducibility. <i>Chemistry Letters</i> , 2013, 42, 407-409.	0.7	0
117	Study on the microheterogeneity of aqueous alcohol solutions: formation mechanism of inner pores of ZnO nanostructures. <i>RSC Advances</i> , 2014, 4, 11124.	1.7	0