Kui Cheng

List of Publications by Year
in descending order

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189 papers	9,148 citations	28190 55 h-index	56606 83 g-index
190 all docs	190 docs citations	190 times ranked	9119 citing authors

#	Article	IF	Citations
1	Insights into self-induced electrochemical activation of carbon cathode. Carbon, 2022, 188, 177-186.	5.4	7
2	Advances in biomass thermochemical conversion on phosphorus recovery: water eutrophication prevention and remediation. Environmental Science: Water Research and Technology, 2022, 8, 1173-1187.	1.2	5
3	Roles of humic substances redox activity on environmental remediation. Journal of Hazardous Materials, 2022, 435, 129070.	6.5	32
4	Metal-based adsorbents for water eutrophication remediation: A review of performances and mechanisms. Environmental Research, 2022, 212, 113353.	3.7	18
5	B, O and N Codoped Biomass-Derived Hierarchical Porous Carbon for High-Performance Electrochemical Energy Storage. Nanomaterials, 2022, 12, 1720.	1.9	15
6	Copper niobate nanowires immobilized on reduced graphene oxide nanosheets as rate capability anode for lithium ion capacitor. Journal of Colloid and Interface Science, 2021, 583, 652-660.	5.0	9
7	Performance of lead ion removal by the three-dimensional carbon foam supported nanoscale zero-valent iron composite. Journal of Cleaner Production, 2021, 294, 125350.	4.6	28
8	Sustainable advances on phosphorus utilization in soil via addition of biochar and humic substances. Science of the Total Environment, 2021, 768, 145106.	3.9	70
9	One-step fabrication of artificial humic acid-functionalized colloid-like magnetic biochar for rapid heavy metal removal. Bioresource Technology, 2021, 328, 124825.	4.8	43
10	Application of typical artificial carbon materials from biomass in environmental remediation and improvement: A review. Journal of Environmental Management, 2021, 296, 113340.	3.8	16
11	Highâ€performance allâ€solidâ€state supercapacitor with binderâ€free binary transition metal sulfide array as cathode. International Journal of Energy Research, 2021, 45, 5517-5526.	2.2	18
12	FeNb₂O₆/reduced graphene oxide composites with intercalation pseudo-capacitance enabling ultrahigh energy density for lithium-ion capacitors. RSC Advances, 2021, 11, 32248-32257.	1.7	4
13	Effect of graphene on the performance of nickel foam-based CoNi nanosheet anode catalyzed direct urea-hydrogen peroxide fuel cell. International Journal of Hydrogen Energy, 2020, 45, 10569-10579.	3.8	29
14	In situ growth of Ni0Â·85Se on graphene as a robust electrocatalyst for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2020, 45, 10486-10493.	3.8	41
15	In situ grown 3D hierarchical MnCo2O4.5@Ni(OH)2 nanosheet arrays on Ni foam for efficient electrocatalytic urea oxidation. Chemical Engineering Journal, 2020, 381, 122603.	6.6	117
16	Porous and free-standing Ti3C2T -RGO film with ultrahigh gravimetric capacitance for supercapacitors. Chinese Chemical Letters, 2020, 31, 1004-1008.	4.8	41
17	Electrostatic self-assembly of MXene and edge-rich CoAl layered double hydroxide on molecular-scale with superhigh volumetric performances. Journal of Energy Chemistry, 2020, 46, 105-113.	7.1	97
18	One-pot synthesis of crossed Fe2O3 nanosheets in-situ grown on Ni foam and the application for H2O2 electrooxidation. Journal of Alloys and Compounds, 2020, 817, 152770.	2.8	7

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19	A new catalyst for urea oxidation: NiCo2S4 nanowires modified 3D carbon sponge. Journal of Energy Chemistry, 2020, 50, 195-205.	7.1	34
20	Pd nanoparticles anchored to nano-peony CoMn2O4 as an efficient catalyst for H2O2 electroreduction. Journal of Electroanalytical Chemistry, 2020, 858, 113711.	1.9	11
21	Porous Î²-Mo2C nanoparticle clusters supported on walnut shell powders derived carbon matrix for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2020, 563, 104-111.	5.0	28
22	Vertical Nickelâ€“Iron layered double hydroxide nanosheets grown on hills-like nickel framework for efficient water oxidation and splitting. International Journal of Hydrogen Energy, 2020, 45, 3986-3994.	3.8	13
23	Arc-discharge production of high-quality fluorine-modified graphene as anode for Li-ion battery. Chemical Engineering Journal, 2020, 392, 123668.	6.6	25
24	Three-dimensional biomass derived hard carbon with reconstructed surface as a free-standing anode for sodium-ion batteries. Journal of Colloid and Interface Science, 2020, 561, 203-210.	5.0	47
25	Utilizing human hair for solid-state flexible fiber-based asymmetric supercapacitors. Applied Surface Science, 2020, 508, 145260.	3.1	21
26	Rational design of N-doped carbon coated NiNb2O6 hollow nanoparticles as anode for Li-ion capacitor. Applied Surface Science, 2020, 532, 147436.	3.1	18
27	Porous biochar-nanoscale zero-valent iron composites: Synthesis, characterization and application for lead ion removal. Science of the Total Environment, 2020, 746, 141037.	3.9	77
28	Construction of hollow structure cobalt iron selenide polyhedrons for efficient hydrogen evolution reaction. International Journal of Energy Research, 2020, 44, 12045-12055.	2.2	15
29	Iron-doped NiSe2 in-situ grown on graphene as an efficient electrocatalyst for oxygen evolution reaction. Journal of Electroanalytical Chemistry, 2020, 866, 114134.	1.9	19
30	Bio-derived hierarchically porous heteroatoms dopedâ€‘carbon as anode for high performance potassium-ion batteries. Journal of Electroanalytical Chemistry, 2020, 871, 114272.	1.9	19
31	MXene-Derived Defect-Rich TiO2@rGO as High-Rate Anodes for Full Na Ion Batteries and Capacitors. Nano-Micro Letters, 2020, 12, 128.	14.4	93
32	Design and construction of a threeâ€dimensional electrode with biomassâ€derived carbon current collector and waterâ€soluble binder for highâ€sulfurâ€loading lithiumâ€sulfur batteries. , 2020, 2, 635-645.		27
33	Efficient phosphorus recycling and heavy metal removal from wastewater sludge by a novel hydrothermal humification-technique. Chemical Engineering Journal, 2020, 394, 124832.	6.6	90
34	Growing NiS2 nanosheets on porous carbon microtubes for hybrid sodium-ion capacitors. Journal of Power Sources, 2020, 451, 227737.	4.0	55
35	Janus-faced film with dual function of conductivity and pseudo-capacitance for flexible supercapacitors with ultrahigh energy density. Chemical Engineering Journal, 2020, 388, 124197.	6.6	21
36	Nickel cobalt oxide nanowiresâ€modified hollow carbon tubular bundles for highâ€performance sodiumâ€ion hybrid capacitors. International Journal of Energy Research, 2020, 44, 3883-3892.	2.2	11

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37	Facile Synthesis of Metalâ€“Organic Framework-Derived CoSe₂ Nanoparticles Embedded in the N-Doped Carbon Nanosheet Array and Application for Supercapacitors. ACS Applied Materials & Interfaces, 2020, 12, 9365-9375.	4.0	122
38	Integrating hierarchical porous nanosheets in the design of carbon cloth-based sandwiched sulfur cathodes to achieve high areal capacity in lithium sulfur batteries. Sustainable Energy and Fuels, 2020, 4, 3293-3299.	2.5	6
39	Analog synthesis of artificial humic substances for efficient removal of mercury. Chemosphere, 2020, 250, 126606.	4.2	35
40	Back Cover Image, Volume 2, Number 4, December 2020. , 2020, 2, ii.		0
41	Controllable one-pot synthesis of emerging Î²-Cu2Se nanowire freely standing on nickel foam for high electrochemical energy storage performance. Applied Surface Science, 2019, 463, 82-90.	3.1	22
42	Polyaniline coated 3D crosslinked carbon nanosheets for high-energy-density supercapacitors. Applied Surface Science, 2019, 493, 506-513.	3.1	21
43	Self-supported cobaltâ€“molybdenum oxide nanosheet clusters as efficient electrocatalysts for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 21220-21228.	3.8	13
44	Facile synthesis of MnO porous sphere with N-doped carbon coated layer for high performance lithium-ion capacitors. Journal of Electroanalytical Chemistry, 2019, 852, 113515.	1.9	19
45	A novel calendula-like MnNb₂O₆ anchored on graphene sheet as high-performance intercalation pseudocapacitive anode for lithium-ion capacitors. Journal of Materials Chemistry A, 2019, 7, 2855-2863.	5.2	35
46	Silicon Nanoparticles Embedded in Nâ€Ðoped Fewâ€Łayered Graphene: Facile Synthesis and Application as an Effective Anode for Lithium Ion Batteries. ChemPlusChem, 2019, 84, 1519-1524.	1.3	7
47	MnO2 nanosheets decorated porous active carbon derived from wheat bran for high-performance asymmetric supercapacitor. Journal of Electroanalytical Chemistry, 2019, 850, 113412.	1.9	32
48	Ultrasmall-sized SnS nanosheets vertically aligned on carbon microtubes for sodium-ion capacitors with high energy density. Journal of Materials Chemistry A, 2019, 7, 4047-4054.	5.2	57
49	Creating oxygen-vacancies in MoO3- nanobelts toward high volumetric energy-density asymmetric supercapacitors with long lifespan. Nano Energy, 2019, 58, 455-465.	8.2	266
50	MXene-derived TiO₂/reduced graphene oxide composite with an enhanced capacitive capacity for Li-ion and K-ion batteries. Journal of Materials Chemistry A, 2019, 7, 5363-5372.	5.2	178
51	A highly efficient and durable water splitting system: platinum sub-nanocluster functionalized nickelâ€“iron layered double hydroxide as the cathode and hierarchical nickelâ€“iron selenide as the anode. Journal of Materials Chemistry A, 2019, 7, 2831-2837.	5.2	65
52	Reduced graphene oxide foam supported CoNi nanosheets as an efficient anode catalyst for direct borohydride hydrogen peroxide fuel cell. Applied Surface Science, 2019, 491, 659-669.	3.1	31
53	Novel self-supported reduced graphene oxide foam-based CoAu electrode: An original anode catalyst for electrooxidation of borohydride in borohydride fuel cell. Carbon, 2019, 152, 77-88.	5.4	33
54	A Novel Anode for Direct Borohydride-Hydrogen Peroxide Fuel Cell: Au Nanoparticles Decorated 3D Self-Supported Reduced Graphene Oxide Foam. ACS Sustainable Chemistry and Engineering, 2019, 7, 11129-11137.	3.2	36

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55	A hydrothermal process to turn waste biomass into artificial fulvic and humic acids for soil remediation. Science of the Total Environment, 2019, 686, 1140-1151.	3.9	138
56	Binder-Free Hierarchical Urchin-like Manganeseâ€“Cobalt Selenide with High Electrochemical Energy Storage Performance. ACS Applied Energy Materials, 2019, 2, 3595-3604.	2.5	69
57	Hierarchical copper cobalt sulfides nanowire arrays for high-performance asymmetric supercapacitors. Applied Surface Science, 2019, 487, 198-205.	3.1	50
58	Polydopamineâ€Modified Reduced Graphene Oxides as a Capable Electrode for Highâ€Performance Supercapacitor. ChemistrySelect, 2019, 4, 2711-2715.	0.7	12
59	Hierarchical Edge-Rich Nickel Phosphide Nanosheet Arrays as Efficient Electrocatalysts toward Hydrogen Evolution in Both Alkaline and Acidic Conditions. ACS Sustainable Chemistry and Engineering, 2019, 7, 7804-7811.	3.2	48
60	The construction of self-supported thorny leaf-like nickel-cobalt bimetal phosphides as efficient bifunctional electrocatalysts for urea electrolysis. Journal of Materials Chemistry A, 2019, 7, 9078-9085.	5.2	151
61	Nitrogen and Phosphorus Dual-Doped Multilayer Graphene as Universal Anode for Full Carbon-Based Lithium and Potassium Ion Capacitors. Nano-Micro Letters, 2019, 11, 30.	14.4	120
62	Corrosion protection of epoxy coatings containing ZSMâ€5 zeolites on Mgâ€“Li alloys. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 1222-1229.	0.8	8
63	Lithiophilic Three-Dimensional Porous Ti₃C₂T_x-rGO Membrane as a Stable Scaffold for Safe Alkali Metal (Li or Na) Anodes. ACS Nano, 2019, 13, 14319-14328.	7.3	123
64	Anionic P-substitution toward ternary Niâ€“Sâ€“P nanoparticles immobilized graphene with ultrahigh rate and long cycle life for hybrid supercapacitors. Journal of Materials Chemistry A, 2019, 7, 24374-24388.	5.2	77
65	NiFe2O4 nanocubes anchored on reduced graphene oxide cryogel to achieve a 1.8â€V flexible solid-state symmetric supercapacitor. Chemical Engineering Journal, 2019, 360, 171-179.	6.6	58
66	Hierarchical NiCo2O4 nanowire array supported on Ni foam for efficient urea electrooxidation in alkaline medium. Journal of Power Sources, 2019, 412, 265-271.	4.0	77
67	Assembling biochar with various layered double hydroxides for enhancement of phosphorus recovery. Journal of Hazardous Materials, 2019, 365, 665-673.	6.5	216
68	A novel electrode of ternary CuNiPd nanoneedles decorated Ni foam and its catalytic activity toward NaBH4 electrooxidation. Electrochimica Acta, 2019, 299, 395-404.	2.6	28
69	Fe3O4 nanospheres in situ decorated graphene as high-performance anode for asymmetric supercapacitor with impressive energy density. Journal of Colloid and Interface Science, 2019, 536, 235-244.	5.0	89
70	Freestanding 3D Polypyrrole@reduced graphene oxide hydrogels as binder-free electrode materials for flexible asymmetric supercapacitors. Journal of Colloid and Interface Science, 2019, 536, 291-299.	5.0	39
71	Rational design of NiCo2S4 nanowire arrays on nickle foam as highly efficient and durable electrocatalysts toward urea electrooxidation. Chemical Engineering Journal, 2019, 359, 1652-1658.	6.6	79
72	Three-demensional Ni Co NiCo2O4/NF as an efficient electrode for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 226-232.	3.8	13

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73	Ultrahigh energy density battery-type asymmetric supercapacitors: NiMoO4 nanorod-decorated graphene and graphene/Fe2O3 quantum dots. Nano Research, 2018, 11, 4744-4758.	5.8	76
74	Ternary Transition Metal Sulfides Embedded in Graphene Nanosheets as Both the Anode and Cathode for High-Performance Asymmetric Supercapacitors. Chemistry of Materials, 2018, 30, 1055-1068.	3.2	268
75	Corn straw-derived biochar impregnated with Î±-FeOOH nanorods for highly effective copper removal. Chemical Engineering Journal, 2018, 348, 191-201.	6.6	160
76	Porous Ni 2 P nanoflower supported on nickel foam as an efficient three-dimensional electrode for urea electro-oxidation in alkaline medium. International Journal of Hydrogen Energy, 2018, 43, 9316-9325.	3.8	80
77	Synthesis and investigation of a high-activity catalyst: Au nanoparticles modified metalic Ti microrods for NaBH4 electrooxidation. International Journal of Hydrogen Energy, 2018, 43, 3688-3696.	3.8	18
78	A flexible and high voltage symmetric supercapacitor based on hybrid configuration of cobalt hexacyanoferrate/reduced graphene oxide hydrogels. Chemical Engineering Journal, 2018, 335, 321-329.	6.6	61
79	A general in-situ etching and synchronous heteroatom doping strategy to boost the capacitive performance of commercial carbon fiber cloth. Chemical Engineering Journal, 2018, 335, 638-646.	6.6	34
80	Polyaniline-modified porous carbon tube bundles composite for high-performance asymmetric supercapacitors. Electrochimica Acta, 2018, 292, 458-467.	2.6	43
81	High-performance asymmetric supercapacitor assembled with three-dimensional, coadjacent graphene-like carbon nanosheets and its composite. Journal of Electroanalytical Chemistry, 2018, 823, 474-481.	1.9	18
82	High-throughput fabrication of porous carbon by chemical foaming strategy for high performance supercapacitor. Chemical Engineering Journal, 2018, 352, 459-468.	6.6	74
83	Coralloidal carbon-encapsulated CoP nanoparticles generated on biomass carbon as a high-rate and stable electrode material for lithium-ion batteries. Journal of Colloid and Interface Science, 2018, 530, 579-585.	5.0	60
84	Self-Supported FeNi-P Nanosheets with Thin Amorphous Layers for Efficient Electrocatalytic Water Splitting. ACS Sustainable Chemistry and Engineering, 2018, 6, 9640-9648.	3.2	71
85	Selfâ€Templated Synthesis of Cuprous Oxide Nanofiberâ€Assembled Hollow Spheres for Highâ€Performance Electrochemical Energy Storage. ChemElectroChem, 2018, 5, 1724-1731.	1.7	3
86	Fabrication and characterization of hydrophilic corn stalk biochar-supported nanoscale zero-valent iron composites for efficient metal removal. Bioresource Technology, 2018, 265, 490-497.	4.8	267
87	Self N-Doped Porous Interconnected Carbon Nanosheets Material for Supercapacitors. Acta Chimica Sinica, 2018, 76, 107.	0.5	22
88	Freestanding MnO2 nanoflakes on carbon nanotube covered nickel foam as a 3D binder-free supercapacitor electrode with high performance. Journal of Electroanalytical Chemistry, 2017, 786, 35-42.	1.9	34
89	Octahedral magnesium manganese oxide molecular sieves as the cathode material of aqueous rechargeable magnesium-ion battery. Electrochimica Acta, 2017, 229, 371-379.	2.6	53
90	A novel material NiOOH directly grown on in-situ etched Cu(OH)2 nanowire with high performance of electrochemical energy storage. Electrochimica Acta, 2017, 232, 445-455.	2.6	55

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91	In-situ reduced petal-like cobalt on Ni foam based cobaltosic oxide as an efficient catalyst for hydrogen peroxide electroreduction. Journal of Electroanalytical Chemistry, 2017, 788, 74-82.	1.9	17
92	Facile fabrication of gold coated nickel nanoarrays and its excellent catalytic performance towards sodium borohydride electro-oxidation. Applied Surface Science, 2017, 414, 353-360.	3.1	32
93	Nickel nanowires decorated with ultra-low palladium loading as an effective electrocatalyst for NaBH4 oxidation. Catalysis Science and Technology, 2017, 7, 1991-1995.	2.1	10
94	Facile electrodepositing processed of RuO2-graphene nanosheets-CNT composites as a binder-free electrode for electrochemical supercapacitors. Electrochimica Acta, 2017, 246, 433-442.	2.6	72
95	From biomass with irregular structures to 1D carbon nanobelts: a stripping and cutting strategy to fabricate high performance supercapacitor materials. Journal of Materials Chemistry A, 2017, 5, 14551-14561.	5.2	114
96	Simple fabrication of pineapple root-like palladium-gold catalysts as the high-efficiency cathode in direct peroxide-peroxide fuel cells. Journal of Colloid and Interface Science, 2017, 498, 239-247.	5.0	15
97	In-situ growth of cobalt oxide nanoflakes from cobalt nanosheet on nickel foam for battery-type supercapacitors with high specific capacity. Journal of Electroanalytical Chemistry, 2017, 785, 103-108.	1.9	40
98	Pd nanoparticles support on rGO-C@TiC coaxial nanowires as a novel 3D electrode for NaBH4 electrooxidation. International Journal of Hydrogen Energy, 2017, 42, 2943-2951.	3.8	28
99	A Facile Synthesis of ZnCo2O4 Nanocluster Particles and the Performance as Anode Materials for Lithium Ion Batteries. Nano-Micro Letters, 2017, 9, 20.	14.4	38
100	Facile dip coating processed 3D MnO2-graphene nanosheets/MWNT-Ni foam composites for electrochemical supercapacitors. Electrochimica Acta, 2017, 226, 29-39.	2.6	41
101	Enabling high-volumetric-energy-density supercapacitors: designing open, low-tortuosity heteroatom-doped porous carbon-tube bundle electrodes. Journal of Materials Chemistry A, 2017, 5, 23085-23093.	5.2	158
102	The FeVO4Â·0.9H2O/Graphene composite as anode in aqueous magnesium ion battery. Electrochimica Acta, 2017, 256, 357-364.	2.6	58
103	A flexible and highly effective paper based gold electrode for sodium borohydride electrocatalysis. International Journal of Hydrogen Energy, 2017, 42, 22814-22820.	3.8	10
104	Enhanced performance of direct peroxide/peroxide fuel cell by using ultrafine Nickel Ferric Ferrocyanide nanoparticles as the cathode catalyst. International Journal of Hydrogen Energy, 2017, 42, 22856-22865.	3.8	12
105	Investigation of palladium nanoparticles supported on metallic titanium pillars as a novel electrode for hydrogen peroxide electroreduction in acidic medium. Electrochimica Acta, 2017, 250, 251-258.	2.6	12
106	Facile synthesis and catalytic performance of Co₃O₄nanosheets in situ formed on reduced graphene oxide modified Ni foam. Dalton Transactions, 2017, 46, 13845-13853.	1.6	13
107	Highâ€Energyâ€Density Aqueous Magnesiumâ€Ion Battery Based on a Carbonâ€Coated FeVO₄ Anode and a Mgâ€OMSâ€1 Cathode. Chemistry - A European Journal, 2017, 23, 17118-17126.	1.7	80
108	K2.25Ni0.55Co0.37Fe(CN)6 nanoparticle connected by cross-linked carbon nanotubes conductive skeletons for high-performance energy storage. Chemical Engineering Journal, 2017, 328, 834-843.	6.6	34

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109	Enhanced performance of direct peroxideâ€“peroxide fuel cells by employing three-dimensional Ni and Co@TiC nanoarrays anodes. International Journal of Hydrogen Energy, 2017, 42, 15044-15053.	3.8	7
110	Highly efficient palladium nanoparticles decorated reduced graphene oxide sheets supported on nickel foam for hydrogen peroxide electroreduction. Applied Surface Science, 2017, 426, 1046-1054.	3.1	27
111	Twoâ€Dimensional Titanium Carbide MXene as a Capacitorâ€Type Electrode for Rechargeable Aqueous Liâ€Ion and Naâ€Ion Capacitor Batteries. ChemElectroChem, 2017, 4, 3018-3025.	1.7	56
112	Economical, facile synthesis of network-like carbon nanosheets and their use as an enhanced electrode material for sensitive detection of ascorbic acid. RSC Advances, 2017, 7, 32020-32026.	1.7	5
113	The synthesis of 1 Ã— 1 magnesium octahedral molecular sieve with controllable size and shape for aqueous magnesium ion battery cathode material. Journal of Electroanalytical Chemistry, 2017, 807, 37-44.	1.9	15
114	Preparation of Mg1.1Mn6O12Â·4.5H2O with nanobelt structure and its application in aqueous magnesium-ion battery. Journal of Power Sources, 2017, 338, 136-144.	4.0	75
115	Electrocatalytic Activity of MnO2 Supported on Reduced Graphene Oxide Modified Ni Foam for H2O2 Reduction. Acta Chimica Sinica, 2017, 75, 1003.	0.5	6
116	Electrochemical impedance analysis of urea electro-oxidation mechanism on nickel catalyst in alkaline medium. Electrochimica Acta, 2016, 210, 474-482.	2.6	155
117	Molten salt synthesis of nitrogen doped porous carbon: a new preparation methodology for high-volumetric capacitance electrode materials. Journal of Materials Chemistry A, 2016, 4, 9832-9843.	5.2	163
118	Three-dimensional functionalized graphene networks modified Ni foam based gold electrode for sodium borohydride electrooxidation. International Journal of Hydrogen Energy, 2016, 41, 11593-11598.	3.8	36
119	Preparation of porous cadmium sulphide on nickel foam: a novel electrode material with excellent supercapacitor performance. Journal of Materials Chemistry A, 2016, 4, 4920-4928.	5.2	71
120	FeOOH electrodeposited on Ag decorated ZnO nanorods for electrochemical energy storage. RSC Advances, 2016, 6, 39166-39171.	1.7	16
121	The optimal design of Co catalyst morphology on a three-dimensional carbon sponge with low cost, inducing better sodium borohydride electrooxidation activity. RSC Advances, 2016, 6, 41608-41617.	1.7	19
122	Facile preparation of three-dimensional Ni(OH)₂/Ni foam anode with low cost and its application in a direct urea fuel cell. New Journal of Chemistry, 2016, 40, 8673-8680.	1.4	85
123	Synthesis of Hierarchically Porous Sandwichâ€Like Carbon Materials for Highâ€Performance Supercapacitors. Chemistry - A European Journal, 2016, 22, 16863-16871.	1.7	38
124	Preparation of binder-free porous ultrathin Ni(OH) 2 nanoleafs using ZnO as pore forming agent displaying both high mass loading and excellent electrochemical energy storage performance. Electrochimica Acta, 2016, 216, 499-509.	2.6	20
125	Uniformly grown PtCo-modified Co3O4 nanosheets as a highly efficient catalyst for sodium borohydride electrooxidation. Nano Research, 2016, 9, 3322-3333.	5.8	51
126	High electrochemical energy storage performance of controllable synthesis of nanorod Cu1.92S accompanying nanoribbon CuS directly grown on copper foam. Electrochimica Acta, 2016, 214, 276-285.	2.6	23

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127	Preparation of three-dimensional porous Cu film supported on Cu foam and its electrocatalytic performance for hydrazine electrooxidation in alkaline medium. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 210, 51-56.	1.7	17
128	A novel three-dimensional manganese dioxide electrode for high performance supercapacitors. Journal of Power Sources, 2016, 308, 141-148.	4.0	29
129	Preparation of nickel-cobalt nanowire arrays anode electro-catalyst and its application in direct urea/hydrogen peroxide fuel cell. Electrochimica Acta, 2016, 199, 290-296.	2.6	112
130	Enhancement of direct urea-hydrogen peroxide fuel cell performance by three-dimensional porous nickel-cobalt anode. Journal of Power Sources, 2016, 307, 697-704.	4.0	102
131	Preparation of binder-free CuO/Cu₂O/Cu composites: a novel electrode material for supercapacitor applications. RSC Advances, 2016, 6, 28270-28278.	1.7	47
132	MnO₂ nanosheets as a high-efficiency electrocatalyst for H₂O₂ reduction in alkaline medium. RSC Advances, 2016, 6, 2546-2551.	1.7	12
133	Nickel nanowire arrays electrode as an efficient catalyst for urea peroxide electro-oxidation in alkaline media. Electrochimica Acta, 2016, 190, 150-158.	2.6	34
134	Preparation of porous palladium nanowire arrays and their catalytic performance for hydrogen peroxide electroreduction in acid medium. Journal of Power Sources, 2016, 303, 278-286.	4.0	27
135	Synthesis of honeycomb-like NiS 2 /NiO nano-multiple materials for high performance supercapacitors. Electrochimica Acta, 2015, 173, 209-214.	2.6	42
136	Freestanding one-dimensional manganese dioxide nanoflakes-titanium cabide/carbon core/double shell arraysÂasÂultra-high performance supercapacitor electrode. Journal of Power Sources, 2015, 293, 519-526.	4.0	10
137	Preparation of M1/3Ni1/3Mn2/3O2 (M=Mg or Zn) and its performance as the cathode material of aqueous divalent cations battery. Electrochimica Acta, 2015, 182, 971-978.	2.6	25
138	A novel asymmetric supercapacitor with buds-like Co(OH)2 used as cathode materials and activated carbon as anode materials. Journal of Electroanalytical Chemistry, 2015, 741, 93-99.	1.9	44
139	Preparation of nickel nanowire arrays electrode for urea electro-oxidation in alkaline medium. Journal of Power Sources, 2015, 278, 562-568.	4.0	139
140	Co@MWNTs-Plastic: A novel electrode for NaBH4 oxidation. Electrochimica Acta, 2015, 156, 102-107.	2.6	23
141	Catalytic behavior of a palladium doped binder free paper based cobalt electrode in electroreduction of hydrogen peroxide. Journal of Power Sources, 2015, 273, 1142-1147.	4.0	13
142	Methanol electrooxidation on flexible multi-walled carbon nanotube-modified sponge-based nickel electrode. Journal of Solid State Electrochemistry, 2015, 19, 3027-3034.	1.2	13
143	Platinum-modified cobalt nanosheets supported on three-dimensional carbon sponge as a high-performance catalyst for hydrogen peroxide electroreduction. Electrochimica Acta, 2015, 178, 270-279.	2.6	32
144	Carbon fiber cloth supported Au nano-textile fabrics as an efficient catalyst for hydrogen peroxide electroreduction in acid medium. Journal of Power Sources, 2015, 290, 35-41.	4.0	5

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145	Preparation of Au nanoparticles modified TiO2/C core/shell nanowire array and its catalytic performance for NaBH4 oxidation. Journal of Electroanalytical Chemistry, 2015, 745, 56-60.	1.9	13
146	One-step synthesis of copper compounds on copper foil and their supercapacitive performance. RSC Advances, 2015, 5, 36656-36664.	1.7	91
147	Influence of integration of TiO2 nanorods into its nanodot films on pre-osteoblast cell responses. Colloids and Surfaces B: Biointerfaces, 2015, 126, 387-393.	2.5	11
148	Highly porous nickel@carbon sponge as a novel type of three-dimensional anode with low cost for high catalytic performance of urea electro-oxidation in alkaline medium. Journal of Power Sources, 2015, 283, 408-415.	4.0	117
149	Facile synthesis of Co₃O₄ with different morphology and their application in supercapacitors. RSC Advances, 2015, 5, 36059-36065.	1.7	16
150	Three-dimensional carbon- and binder-free nickel nanowire arrays as a high-performance and low-cost anode for direct hydrogen peroxide fuel cell. Journal of Power Sources, 2015, 300, 147-156.	4.0	43
151	Palladium dispersed in three-dimensional polyaniline networks as the catalyst for hydrogen peroxide electro-reduction in an acidic medium. RSC Advances, 2015, 5, 94008-94015.	1.7	15
152	Reduced graphene oxide decorated on MnO2 nanoflakes grown on C/TiO2 nanowire arrays for electrochemical energy storage. RSC Advances, 2015, 5, 87521-87527.	1.7	7
153	Flower-like Co nano-particles deposited on Ni foam substrate as efficient noble metal-free catalyst for hydrazine oxidation. Journal of Electroanalytical Chemistry, 2015, 756, 186-192.	1.9	26
154	Plastic supported platinum modified nickel electrode and its high electrocatalytic activity for sodium borohydride electrooxidation. Journal of Energy Chemistry, 2015, 24, 497-502.	7.1	9
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