Jingyuan Liu

List of Publications by Year in descending order

179 papers	8,359 citations	38660 50 h-index	62479 80 g-index
183 all docs	183 docs citations	183 times ranked	7700 citing authors

#	Article	IF	Citations
1	Hierarchical FeCo2O4@NiCo layered double hydroxide core/shell nanowires for high performance flexible all-solid-state asymmetric supercapacitors. Chemical Engineering Journal, 2018, 334, 1573-1583.	6.6	360
2	A flexible all-solid-state asymmetric supercapacitors based on hierarchical carbon cloth@CoMoO4@NiCo layered double hydroxide core-shell heterostructures. Chemical Engineering Journal, 2018, 352, 29-38.	6.6	259
3	Interfacial growth of a metalâ€“organic framework (UiO-66) on functionalized graphene oxide (GO) as a suitable seawater adsorbent for extraction of uranium(<scp>vi</scp>). Journal of Materials Chemistry A, 2017, 5, 17933-17942.	5.2	253
4	Hierarchical Co 3 O 4 @Ni(OH) 2 core-shell nanosheet arrays for isolated all-solid state supercapacitor electrodes with superior electrochemical performance. Chemical Engineering Journal, 2017, 315, 35-45.	6.6	239
5	Enhanced adsorption of uranium (VI) using a three-dimensional layered double hydroxide/graphene hybrid material. Chemical Engineering Journal, 2015, 259, 752-760.	6.6	229
6	Fabrication of ZIF-8@SiO₂ Micro/Nano Hierarchical Superhydrophobic Surface on AZ31 Magnesium Alloy with Impressive Corrosion Resistance and Abrasion Resistance. ACS Applied Materials & Interfaces, 2017, 9, 11106-11115.	4.0	219
7	Hierarchical NiCo2S4@CoMoO4 core-shell heterostructures nanowire arrays as advanced electrodes for flexible all-solid-state asymmetric supercapacitors. Applied Surface Science, 2018, 453, 73-82.	3.1	206
8	High-performance all-solid-state asymmetrical supercapacitors based on petal-like NiCo 2 S 4 /Polyaniline nanosheets. Chemical Engineering Journal, 2017, 325, 134-143.	6.6	201
9	Hierarchical NiCo₂O₄@NiO coreâ€“shell hetero-structured nanowire arrays on carbon cloth for a high-performance flexible all-solid-state electrochemical capacitor. Journal of Materials Chemistry A, 2014, 2, 1448-1457.	5.2	154
10	Fabrication of ZnO/epoxy resin superhydrophobic coating on AZ31 magnesium alloy. Chemical Engineering Journal, 2019, 368, 261-272.	6.6	150
11	Hierarchically structured layered-double-hydroxides derived by ZIF-67 for uranium recovery from simulated seawater. Journal of Hazardous Materials, 2017, 338, 167-176.	6.5	125
12	Hierarchical FeCo₂O₄@polypyrrole Core/Shell Nanowires on Carbon Cloth for High-Performance Flexible All-Solid-State Asymmetric Supercapacitors. ACS Sustainable Chemistry and Engineering, 2018, 6, 14945-14954.	3.2	117
13	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. Chemical Engineering Journal, 2020, 382, 122850.	6.6	117
14	Nickel-Cobalt Layered Double Hydroxide Nanowires on Three Dimensional Graphene Nickel Foam for High Performance Asymmetric Supercapacitors. Electrochimica Acta, 2016, 215, 492-499.	2.6	114
15	Fabrication of urchin-like NiCo₂(CO₃)_{1.5}(OH)₃@NiCo₂S₄ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. Journal of Materials Chemistry A, 2015, 3, 13308-13316.	5.2	101
16	Core-shell structure of ZnO/Co3O4 composites derived from bimetallic-organic frameworks with superior sensing performance for ethanol gas. Applied Surface Science, 2019, 475, 700-709.	3.1	101
17	Metallic and superhydrophilic nickel cobalt diselenide nanosheets electrodeposited on carbon cloth as a bifunctional electrocatalyst. Journal of Materials Chemistry A, 2018, 6, 17353-17360.	5.2	100
18	Mesoscopic titania solar cells with the tris(1,10-phenanthroline)cobalt redox shuttle: uniped versus biped organic dyes. Energy and Environmental Science, 2011, 4, 3021.	15.6	98

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19	Rational Design of Sandwiched Niâ€“Co Layered Double Hydroxides Hollow Nanocages/Graphene Derived from Metalâ€“Organic Framework for Sustainable Energy Storage. ACS Sustainable Chemistry and Engineering, 2017, 5, 9923-9934.	3.2	89
20	Inâ€Situ Fabrication of MOFâ€Derived Coâ^'Co Layered Double Hydroxide Hollow Nanocages/Graphene Composite: A Novel Electrode Material with Superior Electrochemical Performance. Chemistry - A European Journal, 2017, 23, 14839-14847.	1.7	89
21	Highly efficient immobilization of uranium(VI) from aqueous solution by phosphonate-functionalized dendritic fibrous nanosilica (DFNS). Journal of Hazardous Materials, 2019, 363, 248-257.	6.5	88
22	The synthesis of a manganese dioxideâ€“iron oxideâ€“graphene magnetic nanocomposite for enhanced uranium(<scp>vi</scp>) removal. New Journal of Chemistry, 2015, 39, 868-876.	1.4	84
23	A novel 3D reticular anti-fouling bio-adsorbent for uranium extraction from seawater: Polyethylenimine and guanidyl functionalized hemp fibers. Chemical Engineering Journal, 2020, 382, 122555.	6.6	82
24	Niâ€“Mn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium(<scp>vi</scp>) removal. Environmental Science: Nano, 2018, 5, 467-475.	2.2	77
25	Bovine Serum Albumin-Coated Graphene Oxide for Effective Adsorption of Uranium(VI) from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2017, 56, 3588-3598.	1.8	75
26	Efficient extraction of uranium from aqueous solution using an amino-functionalized magnetic titanate nanotubes. Journal of Hazardous Materials, 2018, 353, 9-17.	6.5	74
27	Graphene Oxide and Silver Ions Coassisted Zeolitic Imidazolate Framework for Antifouling and Uranium Enrichment from Seawater. ACS Sustainable Chemistry and Engineering, 2019, 7, 6185-6195.	3.2	73
28	Anti-Biofouling and Waterâ€”Stable Balanced Charged Metal Organic Framework-Based Polyelectrolyte Hydrogels for Extracting Uranium from Seawater. ACS Applied Materials & Interfaces, 2020, 12, 18012-18022.	4.0	73
29	Fabrication of super slippery sheet-layered and porous anodic aluminium oxide surfaces and its anticorrosion property. Applied Surface Science, 2015, 355, 495-501.	3.1	72
30	Synthesis, characterization and enhanced gas sensing performance of porous ZnCo₂O₄ nano/microspheres. Nanoscale, 2015, 7, 19714-19721.	2.8	72
31	Self-assembly of ZnO nanoparticles into hollow microspheres via a facile solvothermal route and their application as gas sensor. CrystEngComm, 2013, 15, 7243.	1.3	71
32	High efficiency extraction of U(VI) from seawater by incorporation of polyethyleneimine, polyacrylic acid hydrogel and Luffa cylindrical fibers. Chemical Engineering Journal, 2018, 345, 526-535.	6.6	71
33	3D self-assembly polyethyleneimine modified graphene oxide hydrogel for the extraction of uranium from aqueous solution. Applied Surface Science, 2017, 426, 1063-1074.	3.1	69
34	Recovery of uranium(<scp>vi</scp>) from aqueous solutions using a modified honeycomb-like porous carbon material. Dalton Transactions, 2017, 46, 420-429.	1.6	68
35	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. Journal of Hazardous Materials, 2020, 381, 120984.	6.5	67
36	Facile synthesis of mesoporous ZnO/Co3O4 microspheres with enhanced gas-sensing for ethanol. Sensors and Actuators B: Chemical, 2015, 221, 1492-1498.	4.0	64

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37	Removal U(VI) from artificial seawater using facilely and covalently grafted polyacrylonitrile fibers with lysine. Applied Surface Science, 2017, 403, 378-388.	3.1	64
38	Pâ€“p heterojunction CuO/CuCo₂O₄ nanotubes synthesized via electrospinning technology for detecting n-propanol gas at room temperature. Inorganic Chemistry Frontiers, 2017, 4, 1219-1230.	3.0	63
39	3D Cu(OH)2 nanowires/carbon cloth for flexible supercapacitors with outstanding cycle stability. Chemical Engineering Journal, 2019, 371, 348-355.	6.6	59
40	Hyperbranched topological swollen-layer constructs of multi-active sites polyacrylonitrile (PAN) adsorbent for uranium(VI) extraction from seawater. Chemical Engineering Journal, 2019, 374, 1204-1213.	6.6	57
41	Water-repellent and corrosion-resistance properties of superhydrophobic and lubricant-infused super slippery surfaces. RSC Advances, 2017, 7, 44239-44246.	1.7	56
42	PtO 2 -nanoparticles functionalized CuO polyhedrons for n-butanol gas sensor application. Ceramics International, 2018, 44, 10426-10432.	2.3	56
43	Superaerophobic Quaternary Niâ€“Coâ€“Sâ€“P Nanoparticles for Efficient Overall Water-Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 14639-14646.	3.2	56
44	Hierarchical NiSe@Co2(CO3)(OH)2 heterogeneous nanowire arrays on nickel foam as electrode with high areal capacitance for hybrid supercapacitors. Electrochimica Acta, 2019, 294, 325-336.	2.6	55
45	One-pot synthesis of cubic ZnSnO3/ZnO heterostructure composite and enhanced gas-sensing performance. Journal of Alloys and Compounds, 2019, 780, 193-201.	2.8	55
46	Anti-bacterial and super-hydrophilic bamboo charcoal with amidoxime modified for efficient and selective uranium extraction from seawater. Journal of Colloid and Interface Science, 2021, 598, 455-463.	5.0	55
47	Shape-controlled fabrication and enhanced gas sensing properties of uniform sphere-like ZnFe 2 O 4 hierarchical architectures. Sensors and Actuators B: Chemical, 2017, 250, 111-120.	4.0	54
48	Rapid and efficient uranium(VI) capture by phytic acid/polyaniline/FeOOH composites. Journal of Colloid and Interface Science, 2018, 511, 1-11.	5.0	54
49	Eco-friendly green synthesis of clove buds extract functionalized silver nanoparticles and evaluation of antibacterial and antidiatom activity. Journal of Microbiological Methods, 2020, 173, 105934.	0.7	54
50	Design of 2D mesoporous Zn/Co-based metal-organic frameworks as a flexible electrode for energy storage and conversion. Journal of Power Sources, 2019, 438, 227057.	4.0	53
51	Nano-sized architectural design of multi-activity graphene oxide (GO) by chemical post-decoration for efficient uranium(VI) extraction. Journal of Hazardous Materials, 2019, 375, 320-329.	6.5	53
52	Mussel-inspired antifouling magnetic activated carbon for uranium recovery from simulated seawater. Journal of Colloid and Interface Science, 2019, 534, 172-182.	5.0	52
53	Defect-Induced Method for Preparing Hierarchical Porous Zrâ€“MOF Materials for Ultrafast and Large-Scale Extraction of Uranium from Modified Artificial Seawater. Industrial & Engineering Chemistry Research, 2019, 58, 1159-1166.	1.8	52
54	Facile growth of hollow porous NiO microspheres assembled from nanosheet building blocks and their high performance as a supercapacitor electrode. CrystEngComm, 2014, 16, 10389-10394.	1.3	51

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55	Controllable synthesis and enhanced gas sensing properties of a single-crystalline WO₃â€“rGO porous nanocomposite. RSC Advances, 2017, 7, 14192-14199.	1.7	51
56	Efficient removal of uranium(<scp>vi</scp>) from simulated seawater with hyperbranched polyethylenimine (HPEI)-functionalized polyacrylonitrile fibers. New Journal of Chemistry, 2018, 42, 168-176.	1.4	51
57	Catalytic effect of CuO nanoplates, a graphene (G)/CuO nanocomposite and an Al/G/CuO composite on the thermal decomposition of ammonium perchlorate. RSC Advances, 2016, 6, 74155-74161.	1.7	49
58	Magnetic metal-organic frameworks/carbon dots as a multifunctional platform for detection and removal of uranium. Applied Surface Science, 2019, 491, 640-649.	3.1	49
59	Designed synthesis of Ag-functionalized Ni-doped In₂O₃ nanorods with enhanced formaldehyde gas sensing properties. Journal of Materials Chemistry C, 2019, 7, 7219-7229.	2.7	49
60	Surface hybridization of Ï€-conjugate structure cyclized polyacrylonitrile and radial microsphere shaped TiO2 for reducing U(VI) to U(IV). Journal of Hazardous Materials, 2021, 416, 125812.	6.5	49
61	Template-free synthesis of rGO decorated hollow Co3O4 nano/microspheres for ethanol gas sensor. Ceramics International, 2018, 44, 21091-21098.	2.3	48
62	Layer-by-layer inkjet printing GO film anchored Ni(OH)2 nanoflakes for high-performance supercapacitors. Chemical Engineering Journal, 2019, 375, 121988.	6.6	48
63	Enhanced acetone gas sensing response of ZnO/ZnCo2O4 nanotubes synthesized by single capillary electrospinning technology. Sensors and Actuators B: Chemical, 2017, 252, 511-522.	4.0	47
64	Surface plasma Ag-decorated Bi5O7I microspheres uniformly distributed on a zwitterionic fluorinated polymer with superfunctional antifouling property. Applied Catalysis B: Environmental, 2020, 271, 118920.	10.8	46
65	Composite of hierarchical interpenetrating 3D hollow carbon skeleton from lotus pollen and hexagonal MnO₂ nanosheets for high-performance supercapacitors. Journal of Materials Chemistry A, 2015, 3, 9754-9762.	5.2	45
66	Hierarchical Niâ€“Al Layered Double Hydroxide In Situ Anchored onto Polyethylenimine-Functionalized Fibers for Efficient U(VI) Capture. ACS Sustainable Chemistry and Engineering, 2018, 6, 13385-13394.	3.2	45
67	Novel Ion-Imprinted Carbon Material Induced by Hyperaccumulation Pathway for the Selective Capture of Uranium. ACS Applied Materials & Interfaces, 2018, 10, 28877-28886.	4.0	45
68	Self-assembly of ZnO nanosheets into flower-like architectures and their gas sensing properties. Materials Letters, 2013, 112, 23-25.	1.3	44
69	The growth and assembly of the multidimensional hierarchical Ni₃S₂ for aqueous asymmetric supercapacitors. CrystEngComm, 2015, 17, 4495-4501.	1.3	44
70	Efficient removal of uranium(<scp>vi</scp>) from simulated seawater using amidoximated polyacrylonitrile/FeOOH composites. Dalton Transactions, 2017, 46, 15746-15756.	1.6	44
71	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. Environmental Science: Nano, 2018, 5, 2346-2356.	2.2	44
72	Bioinspired Durable Antibacterial and Antifouling Coatings Based on Borneol Fluorinated Polymers: Demonstrating Direct Evidence of Antiadhesion. ACS Applied Materials & Interfaces, 2021, 13, 33417-33426.	4.0	44

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73	Co3O4 nanoparticle-decorated hierarchical flower-like Î±-Fe2O3 microspheres: Synthesis and ethanol sensing properties. Journal of Alloys and Compounds, 2017, 727, 52-62.	2.8	41
74	Layer-by-layer inkjet printing GO film and Ag nanoparticles supported nickel cobalt layered double hydroxide as a flexible and binder-free electrode for supercapacitors. Journal of Colloid and Interface Science, 2019, 557, 691-699.	5.0	41
75	Efficient removal of U(<scp>vi</scp>) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO₂ coated magnetic microspheres. Inorganic Chemistry Frontiers, 2018, 5, 1321-1328.	3.0	39
76	Simple one-step synthesis of woven amidoximated natural material bamboo strips for uranium extraction from seawater. Chemical Engineering Journal, 2021, 425, 131538.	6.6	37
77	Uranium extraction using a magnetic CoFe₂O₄â€“graphene nanocomposite: kinetics and thermodynamics studies. New Journal of Chemistry, 2015, 39, 2832-2838.	1.4	36
78	Melamine modified graphene hydrogels for the removal of uranium(<scp>vi</scp>) from aqueous solution. New Journal of Chemistry, 2017, 41, 10899-10907.	1.4	36
79	A novel U(<scp>vi</scp>)-imprinted graphitic carbon nitride composite for the selective and efficient removal of U(<scp>vi</scp>) from simulated seawater. Inorganic Chemistry Frontiers, 2018, 5, 2218-2226.	3.0	36
80	Sandwich-like polyvinyl alcohol (PVA) grafted graphene: A solid-inhibitors container for long term self-healing coatings. Chemical Engineering Journal, 2020, 383, 123203.	6.6	36
81	Layer-by-Layer-Assembled antifouling films with surface microtopography inspired by Laminaria japonica. Applied Surface Science, 2020, 511, 145564.	3.1	36
82	Preparation and characterization of ZnO/CoNiO2 hollow nanofibers by electrospinning method with enhanced gas sensing properties. Journal of Alloys and Compounds, 2017, 702, 20-30.	2.8	35
83	Tube in tube ZnO/ZnCo₂O₄ nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. RSC Advances, 2017, 7, 11428-11438.	1.7	35
84	Polyethyleneimine-functionalized Luffa cylindrica for efficient uranium extraction. Journal of Colloid and Interface Science, 2018, 530, 538-546.	5.0	35
85	Rationally designed CuCo2O4@Ni(OH)2 with 3D hierarchical core-shell structure for flexible energy storage. Journal of Colloid and Interface Science, 2019, 557, 76-83.	5.0	35
86	Oneâ€Step Synthesis of Co₃O₄/Graphene Aerogels and Their Allâ€Solidâ€State Asymmetric Supercapacitor. European Journal of Inorganic Chemistry, 2017, 2017, 1143-1152.	1.0	34
87	Fabrication of electrospun Co3O4/CuO p-p heterojunctions nanotubes functionalized with HFIP for detecting chemical nerve agent under visible light irradiation. Sensors and Actuators B: Chemical, 2020, 314, 128076.	4.0	34
88	3D hybrid Ni-Multiwall carbon nanotubes/carbon nanofibers for detecting sarin nerve agent at room temperature. Journal of Alloys and Compounds, 2019, 780, 680-689.	2.8	33
89	Preparation of magnetic coreâ€“shell iron oxide@silica@nickel-ethylene glycol microspheres for highly efficient sorption of uranium(vi). Dalton Transactions, 2015, 44, 6909-6917.	1.6	32
90	Three-dimensional flower-like shaped Bi5O7I particles incorporation zwitterionic fluorinated polymers with synergistic hydration-photocatalytic for enhanced marine antifouling performance. Journal of Hazardous Materials, 2020, 389, 121854.	6.5	32

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91	Self-healing system adapted to different pH environments for active corrosion protection of magnesium alloy. Journal of Alloys and Compounds, 2020, 824, 153918.	2.8	32
92	Manganese dioxide coreâ€“shell nanowires in situ grown on carbon spheres for supercapacitor application. CrystEngComm, 2014, 16, 4016.	1.3	31
93	Polypyrrole/cobalt ferrite/multiwalled carbon nanotubes as an adsorbent for removing uranium ions from aqueous solutions. Dalton Transactions, 2016, 45, 9166-9173.	1.6	31
94	Investigation of uranium (VI) adsorption by poly(dopamine) functionalized waste paper derived carbon. Journal of the Taiwan Institute of Chemical Engineers, 2018, 91, 266-273.	2.7	31
95	Designed synthesis of Co-doped sponge-like In₂O₃ for highly sensitive detection of acetone gas. CrystEngComm, 2019, 21, 1876-1885.	1.3	30
96	Three-dimensional hierarchical Co₃O₄nano/micro-architecture: synthesis and ethanol sensing properties. CrystEngComm, 2016, 18, 5728-5735.	1.3	29
97	Heterogeneous NiSe₂/Ni Ultrafine Nanoparticles Embedded into an N,S-Codoped Carbon Framework for pH-Universal Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 4119-4127.	3.2	29
98	Superhydrophobic nanoporous polymer-modified sponge for in situ oil/water separation. Chemosphere, 2020, 239, 124793.	4.2	29
99	Mesoporous V₂O₅/Ketjin black nanocomposites for all-solid-state symmetric supercapacitors. CrystEngComm, 2015, 17, 1673-1679.	1.3	27
100	Hierarchical metal-organic framework derived nitrogen-doped porous carbon by controllable synthesis for high performance supercapacitors. Journal of Electroanalytical Chemistry, 2018, 813, 200-207.	1.9	27
101	Electrospun n-p WO3/CuO heterostructure nanofibers as an efficient sarin nerve agent sensing material at room temperature. Journal of Alloys and Compounds, 2019, 793, 31-41.	2.8	27
102	An anti-algae adsorbent for uranium extraction: l-Arginine functionalized graphene hydrogel loaded with Ag nanoparticles. Journal of Colloid and Interface Science, 2019, 543, 192-200.	5.0	27
103	Fast self-replenishing slippery surfaces with a 3D fibrous porous network for the healing of surface properties. Journal of Materials Chemistry A, 2019, 7, 24900-24907.	5.2	26
104	Preparation of magnetic calcium silicate hydrate for the efficient removal of uranium from aqueous systems. RSC Advances, 2015, 5, 5904-5912.	1.7	25
105	Porous tungsten trioxide nanolamellae with uniform structures for high-performance ethanol sensing. CrystEngComm, 2016, 18, 8411-8418.	1.3	25
106	Constructing an Amino-reinforced amidoxime swelling layer on a Polyacrylonitrile surface for enhanced uranium adsorption from seawater. Journal of Colloid and Interface Science, 2022, 610, 1015-1026.	5.0	25
107	Fabrication of CeO₂/ZnCo₂O₄ nâ€“p heterostructured porous nanotubes via electrospinning technology for enhanced ethanol gas sensing performance. RSC Advances, 2016, 6, 101626-101637.	1.7	24
108	Swollen-layer constructed with polyamine on the surface of nano-polyacrylonitrile cloth used for extract uranium from seawater. Chemosphere, 2021, 271, 129548.	4.2	24

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109	Fabrication of the pod-like KCC-1/TiO2 superhydrophobic surface on AZ31 Mg alloy with stability and photocatalytic property. Applied Surface Science, 2020, 499, 143933.	3.1	23
110	High efficiency biosorption of Uranium (VI) ions from solution by using hemp fibers functionalized with imidazole-4,5-dicarboxylic. Journal of Molecular Liquids, 2020, 297, 111739.	2.3	23
111	HFIP-functionalized electrospun WO3 hollow nanofibers/rGO as an efficient double layer sensing material for dimethyl methylphosphonate gas under UV-Light irradiation. Journal of Alloys and Compounds, 2020, 832, 154999.	2.8	23
112	Construction of gel-like swollen-layer on Polyacrylonitrile Surface and Its Swelling Behavior and Uranium Adsorption Properties. Journal of Colloid and Interface Science, 2020, 576, 109-118.	5.0	23
113	Layer by layer inkjet printing reduced graphene oxide film supported nickel cobalt layered double hydroxide as a binder-free electrode for supercapacitors. Applied Surface Science, 2020, 509, 144872.	3.1	22
114	Preparation of a 3D multi-branched chelate adsorbent for high selective adsorption of uranium(VI): Acrylic and diaminomaleonitrile functionalized waste hemp fiber. Reactive and Functional Polymers, 2020, 149, 104512.	2.0	22
115	Synthesis of ketoxime-functionalized Fe₃O₄@C coreâ€“shell magnetic microspheres for enhanced uranium(<scp>vi</scp>) removal. RSC Advances, 2016, 6, 22179-22186.	1.7	21
116	Hierarchical flower like double-layer superhydrophobic films fabricated on AZ31 for corrosion protection and self-cleaning. New Journal of Chemistry, 2017, 41, 12767-12776.	1.4	21
117	Functionalized Sugarcane Bagasse for U(VI) Adsorption from Acid and Alkaline Conditions. Scientific Reports, 2018, 8, 793.	1.6	21
118	HFIPâ€Functionalized Co₃O₄ Microâ€Nanoâ€Octahedra/rGO as a Doubleâ€Layer Sensing Material for Chemical Warfare Agents. Chemistry - A European Journal, 2019, 25, 11892-11902.	1.7	21
119	Facile synthesis of reduced graphene oxide encapsulated selenium nanoparticles prepared by hydrothermal method for acetone gas sensors. Chemical Physics Letters, 2020, 755, 137797.	1.2	21
120	Ultra-high mechanical property and multi-layer porous structure of amidoximation ethylene-acrylic acid copolymer balls for efficient and selective uranium adsorption from radioactive wastewater. Chemosphere, 2021, 280, 130722.	4.2	21
121	Polypyrrole modified Fe⁰-loaded graphene oxide for the enrichment of uranium(<scp>vi</scp>) from simulated seawater. Dalton Transactions, 2018, 47, 12984-12992.	1.6	20
122	Ultra-high flexibility amidoximated ethylene acrylic acid copolymer film synthesized by the mixed melting method for uranium adsorption from simulated seawater. Journal of Hazardous Materials, 2022, 426, 127808.	6.5	20
123	Comprehensive biocompatible hemp fibers improved by phosphate zwitterion with high U(VI) affinity in the marine conditions. Chemical Engineering Journal, 2022, 430, 132742.	6.6	19
124	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium(vi) capture. Environmental Science: Nano, 2018, 5, 1584-1594.	2.2	18
125	A hybrid sponge with guanidine and phytic acid enriched surface for integration of antibiofouling and uranium uptake from seawater. Applied Surface Science, 2020, 525, 146611.	3.1	18
126	Composites of hierarchical metalâ€“organic framework derived nitrogen-doped porous carbon and interpenetrating 3D hollow carbon spheres from lotus pollen for high-performance supercapacitors. New Journal of Chemistry, 2017, 41, 12835-12842.	1.4	17

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127	Fabrication of uniform 1-D ZnO/ZnCo2O4 nano-composite and enhanced properties in gas sensing detection. Materials Chemistry and Physics, 2019, 228, 66-74.	2.0	17
128	Three-dimensional heterostructured polypyrrole/nickel molybdate anchored on carbon cloth for high-performance flexible supercapacitors. Journal of Colloid and Interface Science, 2020, 574, 355-363.	5.0	17
129	Ag-modified hexagonal nanoflakes-textured hollow octahedron Zn2SnO4 with enhanced sensing properties for triethylamine. Journal of Alloys and Compounds, 2020, 823, 153724.	2.8	17
130	Binder-free metal-organic frameworks-derived CoP/Mo-doped NiCoP nanoplates for high-performance quasi-solid-state supercapacitors. Electrochimica Acta, 2021, 390, 138840.	2.6	17
131	Application of Chemical Doping and Architectural Design Principles To Fabricate Nanowire Co₂Ni₃ZnO₈ Arrays for Aqueous Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 20157-20167.	4.0	16
132	Morphology controllable synthesis of NiCo 2 S 4 and application as gas sensors. Materials Letters, 2017, 188, 17-20.	1.3	16
133	Longâ€Term Stability of a Liquidâ€Infused Coating with Antiâ€Corrosion and Antiâ€Icing Potentials on Al Alloy. ChemElectroChem, 2019, 6, 3911-3919.	1.7	16
134	Outstanding cavitation erosion resistance of hydrophobic polydimethylsiloxaneâ€based polyurethane coatings. Journal of Applied Polymer Science, 2019, 136, 47668.	1.3	16
135	In situ growth of ZnO nanorod arrays on cotton cloth for the removal of uranium(<scp>vi</scp>). RSC Advances, 2015, 5, 53433-53440.	1.7	15
136	$$extit{Ex},extit{situ}$$ Ex situ synthesis of G/ $$upalpha $$ Î± -. Bulletin of Materials Science, 2017, 40, 691-698.	0.8	15
137	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. ChemistrySelect, 2019, 4, 5437-5458.	0.7	15
138	Ionic liquid combined with NiCo2O4/rGO enhances electrochemical oxygen sensing. Talanta, 2020, 209, 120515.	2.9	15
139	Carbon Cloth Modified with Metalâ€Organic Framework Derived CC@CoMoO₄â€Co(OH)₂ Nanosheets Array as a Flexible Energyâ€Storage Material. ChemElectroChem, 2019, 6, 3355-3366.	1.7	14
140	In situ construction of 3-dimensional hierarchical carbon nanostructure; investigation of the synthesis parameters and hydrogen evolution reaction performance. Carbon, 2021, 178, 48-57.	5.4	14
141	Zwitterionic modified electrostatic flocking surfaces for diatoms and mussels resistance. Journal of Colloid and Interface Science, 2021, 588, 9-18.	5.0	13
142	Enhancing adsorption of U(VI) onto EDTA modified L. cylindrica using epichlorohydrin and ethylenediamine as a bridge. Scientific Reports, 2017, 7, 44156.	1.6	12
143	Self-healing liquid-infused surfaces with high transparency for optical devices. MRS Communications, 2019, 9, 92-98.	0.8	12
144	The mussel-inspired micro-nano structure for antifouling:A flowering tree. Journal of Colloid and Interface Science, 2021, 603, 307-318.	5.0	12

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145	The efficient immobilization of uranium(<scp>vi</scp>) by modified dendritic fibrous nanosilica (DFNS) using mussel bioglue. Inorganic Chemistry Frontiers, 2019, 6, 746-755.	3.0	12
146	Mussel-inspired polydopamine microspheres self-adhered on natural hemp fibers for marine uranium harvesting and photothermal-enhanced antifouling properties. Journal of Colloid and Interface Science, 2022, 622, 109-116.	5.0	12
147	Electrochemical Oxygen Sensor Based on the Interaction of Double-Layer Ionic Liquid Film (DLILF). Journal of the Electrochemical Society, 2018, 165, B779-B786.	1.3	11
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