

Jingyuan Liu

List of Publications by Year in descending order

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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	Comprehensive biocompatible hemp fibers improved by phosphate zwitterion with high U(VI) affinity in the marine conditions. <i>Chemical Engineering Journal</i> , 2022, 430, 132742.	6.6	19
2	Constructing three-dimensional network C, O Co-doped nitrogen-deficient carbon nitride regulated by acrylic fluoroboron overall marine antifouling. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1802-1812.	5.0	1
3	Ultra-high flexibility amidoximated ethylene acrylic acid copolymer film synthesized by the mixed melting method for uranium adsorption from simulated seawater. <i>Journal of Hazardous Materials</i> , 2022, 426, 127808.	6.5	20
4	Constructing an Amino-reinforced amidoxime swelling layer on a Polyacrylonitrile surface for enhanced uranium adsorption from seawater. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 1015-1026.	5.0	25
5	MOF-derived electrochemical catalyst Cu@N/C for the enhancement of amperometric oxygen detection. <i>Nanoscale</i> , 2022, 14, 1796-1806.	2.8	8
6	Synergistically Improved Antifouling Efficiency of a Bioinspired Self-renewing Interface via a Borneol/Boron Acrylate Polymer. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 459-466.	5.0	11
7	HFIP-functionalized 3D carbon nanostructure as chemiresistive nerve agents sensors under visible light. <i>Sensors and Actuators B: Chemical</i> , 2022, 358, 131475.	4.0	7
8	Mussel-inspired polydopamine microspheres self-adhered on natural hemp fibers for marine uranium harvesting and photothermal-enhanced antifouling properties. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 109-116.	5.0	12
9	Eco-friendly silane as corrosion inhibitor for dual self-healing anticorrosion coatings. <i>Journal of Coatings Technology Research</i> , 2022, 19, 1381-1391.	1.2	3
10	Surface morphology properties and antifouling activity of Bi ₂ WO ₆ /boron-grafted polyurethane composite coatings realized via multiple synergy. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 815-823.	5.0	7
11	Secretion mechanism and adhesive mechanism of diatoms: Direct evidence from the quantitative analysis. <i>Micron</i> , 2021, 140, 102951.	1.1	6
12	Photocatalytic antifouling coating based on carbon nitride with dynamic acrylate boron fluorinated polymers. <i>New Journal of Chemistry</i> , 2021, 45, 780-787.	1.4	5
13	Construction of Bi ₅ O ₇ I anchored on a polymer with boosted interfacial charge transfer for biofouling resistance and photocatalytic H ₂ evolution. <i>Catalysis Science and Technology</i> , 2021, 11, 1330-1336.	2.1	3
14	Zwitterionic modified electrostatic flocking surfaces for diatoms and mussels resistance. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 9-18.	5.0	13
15	Swollen-layer constructed with polyamine on the surface of nano-polyacrylonitrile cloth used for extract uranium from seawater. <i>Chemosphere</i> , 2021, 271, 129548.	4.2	24
16	In situ construction of 3-dimensional hierarchical carbon nanostructure; investigation of the synthesis parameters and hydrogen evolution reaction performance. <i>Carbon</i> , 2021, 178, 48-57.	5.4	14
17	Bioinspired Durable Antibacterial and Antifouling Coatings Based on Borneol Fluorinated Polymers: Demonstrating Direct Evidence of Antiadhesion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33417-33426.	4.0	44
18	Slippery-Liquid-Infused Electrostatic Flocking Surfaces for Marine Antifouling Application. <i>Langmuir</i> , 2021, 37, 10020-10028.	1.6	9

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19	Î±-Fe2O3/rGO cooperated with tri-alkyl-substituted-imidazolium ionic liquids for enhancing oxygen sensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 130029.	4.0	3
20	Surface hybridization of Îµ-conjugate structure cyclized polyacrylonitrile and radial microsphere shaped TiO2 for reducing U(VI) to U(IV). <i>Journal of Hazardous Materials</i> , 2021, 416, 125812.	6.5	49
21	Binder-free metal-organic frameworks-derived CoP/Mo-doped NiCoP nanoplates for high-performance quasi-solid-state supercapacitors. <i>Electrochimica Acta</i> , 2021, 390, 138840.	2.6	17
22	Anti-bacterial and super-hydrophilic bamboo charcoal with amidoxime modified for efficient and selective uranium extraction from seawater. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 455-463.	5.0	55
23	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. <i>Chemosphere</i> , 2021, 280, 130722.	4.2	21
24	Anti-corrosion coatings with active and passive protective performances based on v-COF/GO nanocontainers. <i>Progress in Organic Coatings</i> , 2021, 159, 106415.	1.9	5
25	The mussel-inspired micro-nano structure for antifouling:A flowering tree. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 307-318.	5.0	12
26	Simple one-step synthesis of woven amidoximated natural material bamboo strips for uranium extraction from seawater. <i>Chemical Engineering Journal</i> , 2021, 425, 131538.	6.6	37
27	Corrosion protection coatings embedded with silane-functionalized rGO/SiO2 nanocontainers: Enhancing dispersive and corrosion-inhibitor loading capabilities. <i>Surface and Coatings Technology</i> , 2021, 427, 127850.	2.2	10
28	Crawling and adhesion behavior of <i>Halamphora</i> sp. based on different parts of <i>Folium Sennae</i> -like film: Evaluation of analytical methods for anti-diatom experimental results. <i>Micron</i> , 2021, 152, 103178.	1.1	0
29	Fabrication of the pod-like KCC-1/TiO2 superhydrophobic surface on AZ31 Mg alloy with stability and photocatalytic property. <i>Applied Surface Science</i> , 2020, 499, 143933.	3.1	23
30	A novel 3D reticular anti-fouling bio-adsorbent for uranium extraction from seawater: Polyethylenimine and guanidyl functionalized hemp fibers. <i>Chemical Engineering Journal</i> , 2020, 382, 122555.	6.6	82
31	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. <i>Chemical Engineering Journal</i> , 2020, 382, 122850.	6.6	117
32	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. <i>Journal of Hazardous Materials</i> , 2020, 381, 120984.	6.5	67
33	Ionic liquid combined with NiCo2O4/rGO enhances electrochemical oxygen sensing. <i>Talanta</i> , 2020, 209, 120515.	2.9	15
34	Superhydrophobic nanoporous polymer-modified sponge for in situ oil/water separation. <i>Chemosphere</i> , 2020, 239, 124793.	4.2	29
35	Three-dimensional flower-like shaped Bi5O7I particles incorporation zwitterionic fluorinated polymers with synergistic hydration-photocatalytic for enhanced marine antifouling performance. <i>Journal of Hazardous Materials</i> , 2020, 389, 121854.	6.5	32
36	High efficiency biosorption of Uranium (VI) ions from solution by using hemp fibers functionalized with imidazole-4,5-dicarboxylic. <i>Journal of Molecular Liquids</i> , 2020, 297, 111739.	2.3	23

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37	Sandwich-like polyvinyl alcohol (PVA) grafted graphene: A solid-inhibitors container for long term self-healing coatings. <i>Chemical Engineering Journal</i> , 2020, 383, 123203.	6.6	36
38	Layer by layer inkjet printing reduced graphene oxide film supported nickel cobalt layered double hydroxide as a binder-free electrode for supercapacitors. <i>Applied Surface Science</i> , 2020, 509, 144872.	3.1	22
39	Fully Repairable Slippery Organogel Surfaces with Reconfigurable Paraffin-Based Framework for Universal Antiadhesion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39807-39816.	4.0	7
40	Facile synthesis of reduced graphene oxide encapsulated selenium nanoparticles prepared by hydrothermal method for acetone gas sensors. <i>Chemical Physics Letters</i> , 2020, 755, 137797.	1.2	21
41	Three-dimensional heterostructured polypyrrole/nickel molybdate anchored on carbon cloth for high-performance flexible supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 355-363.	5.0	17
42	Anti-Biofouling and Water- Stable Balanced Charged Metal Organic Framework-Based Polyelectrolyte Hydrogels for Extracting Uranium from Seawater. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18012-18022.	4.0	73
43	HFIP-functionalized electrospun WO ₃ hollow nanofibers/rGO as an efficient double layer sensing material for dimethyl methylphosphonate gas under UV-Light irradiation. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154999.	2.8	23
44	Construction of gel-like swollen-layer on Polyacrylonitrile Surface and Its Swelling Behavior and Uranium Adsorption Properties. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 109-118.	5.0	23
45	Preparation of a 3D multi-branched chelate adsorbent for high selective adsorption of uranium(VI): Acrylic and diaminomaleonitrile functionalized waste hemp fiber. <i>Reactive and Functional Polymers</i> , 2020, 149, 104512.	2.0	22
46	Ag-modified hexagonal nanoflakes-textured hollow octahedron Zn ₂ SnO ₄ with enhanced sensing properties for triethylamine. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153724.	2.8	17
47	Self-healing system adapted to different pH environments for active corrosion protection of magnesium alloy. <i>Journal of Alloys and Compounds</i> , 2020, 824, 153918.	2.8	32
48	Layer-by-Layer-Assembled antifouling films with surface microtopography inspired by <i>Laminaria japonica</i> . <i>Applied Surface Science</i> , 2020, 511, 145564.	3.1	36
49	Eco-friendly green synthesis of clove buds extract functionalized silver nanoparticles and evaluation of antibacterial and antidiatom activity. <i>Journal of Microbiological Methods</i> , 2020, 173, 105934.	0.7	54
50	Surface plasma Ag-decorated Bi ₅ O ₇ I microspheres uniformly distributed on a zwitterionic fluorinated polymer with superfunctional antifouling property. <i>Applied Catalysis B: Environmental</i> , 2020, 271, 118920.	10.8	46
51	Fabrication of electrospun Co ₃ O ₄ /CuO p-p heterojunctions nanotubes functionalized with HFIP for detecting chemical nerve agent under visible light irradiation. <i>Sensors and Actuators B: Chemical</i> , 2020, 314, 128076.	4.0	34
52	Ag-CS Enhanced Performance of Pyrrolidone-Based Ionic Liquid Oxygen Sensor. <i>Journal of the Electrochemical Society</i> , 2020, 167, 067522.	1.3	3
53	A hybrid sponge with guanidine and phytic acid enriched surface for integration of antibiofouling and uranium uptake from seawater. <i>Applied Surface Science</i> , 2020, 525, 146611.	3.1	18
54	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. <i>Chemistry - A European Journal</i> , 2019, 25, 590-597.	1.7	11

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55	Superaerophobic Quaternary Ni ²⁺ /Co ²⁺ /S ²⁻ /P Nanoparticles for Efficient Overall Water-Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 14639-14646.	3.2	56
56	HFIP-Functionalized Co ₃ O ₄ Micro-Nano-Octahedra/rGO as a Double-Layer Sensing Material for Chemical Warfare Agents. Chemistry - A European Journal, 2019, 25, 11892-11902.	1.7	21
57	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
58	Self-Adjusting Lubricant-Infused Porous Hydrophobic Sticky Surfaces: Programmable Time Delay Switch for Smart Control of the Drop's Slide. ACS Applied Materials & Interfaces, 2019, 11, 43681-43688.	4.0	4
59	Rationally designed CuCo ₂ O ₄ @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
60	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
61	Heterogeneous NiSe ₂ /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
62	Designed synthesis of Co-doped sponge-like In ₂ O ₃ for highly sensitive detection of acetone gas. CrystEngComm, 2019, 21, 1876-1885.	1.3	30
63	Fabrication of ZnO/epoxy resin superhydrophobic coating on AZ31 magnesium alloy. Chemical Engineering Journal, 2019, 368, 261-272.	6.6	150
64	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
65	Long-Term Stability of a Liquid-Infused Coating with Anti-Corrosion and Anti-Icing Potentials on Al Alloy. ChemElectroChem, 2019, 6, 3911-3919.	1.7	16
66	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
67	Carbon Cloth Modified with Metal-Organic Framework Derived CC@CoMoO ₄ @Co(OH) ₂ Nanosheets Array as a Flexible Energy Storage Material. ChemElectroChem, 2019, 6, 3355-3366.	1.7	14
68	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
69	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
70	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
71	Electrospun n-p WO ₃ /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
72	Designed synthesis of Ag-functionalized Ni-doped In ₂ O ₃ nanorods with enhanced formaldehyde gas sensing properties. Journal of Materials Chemistry C, 2019, 7, 7219-7229.	2.7	49

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73	3D Cu(OH) ₂ nanowires/carbon cloth for flexible supercapacitors with outstanding cycle stability. <i>Chemical Engineering Journal</i> , 2019, 371, 348-355.	6.6	59
74	Graphene Oxide and Silver Ions Coassisted Zeolitic Imidazolate Framework for Antifouling and Uranium Enrichment from Seawater. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6185-6195.	3.2	73
75	Self-healing liquid-infused surfaces with high transparency for optical devices. <i>MRS Communications</i> , 2019, 9, 92-98.	0.8	12
76	Fabrication of uniform 1-D ZnO/ZnCo ₂ O ₄ nano-composite and enhanced properties in gas sensing detection. <i>Materials Chemistry and Physics</i> , 2019, 228, 66-74.	2.0	17
77	Outstanding cavitation erosion resistance of hydrophobic polydimethylsiloxane-based polyurethane coatings. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47668.	1.3	16
78	An anti-algae adsorbent for uranium extraction: l-Arginine functionalized graphene hydrogel loaded with Ag nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 192-200.	5.0	27
79	Fast self-replenishing slippery surfaces with a 3D fibrous porous network for the healing of surface properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24900-24907.	5.2	26
80	Mussel-inspired antifouling magnetic activated carbon for uranium recovery from simulated seawater. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 172-182.	5.0	52
81	Defect-Induced Method for Preparing Hierarchical Porous Zr-MOF Materials for Ultrafast and Large-Scale Extraction of Uranium from Modified Artificial Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 1159-1166.	1.8	52
82	3D hybrid Ni-Multiwall carbon nanotubes/carbon nanofibers for detecting sarin nerve agent at room temperature. <i>Journal of Alloys and Compounds</i> , 2019, 780, 680-689.	2.8	33
83	Core-shell structure of ZnO/Co ₃ O ₄ composites derived from bimetallic-organic frameworks with superior sensing performance for ethanol gas. <i>Applied Surface Science</i> , 2019, 475, 700-709.	3.1	101
84	Hierarchical NiSe@Co ₂ (CO ₃)(OH) ₂ heterogeneous nanowire arrays on nickel foam as electrode with high areal capacitance for hybrid supercapacitors. <i>Electrochimica Acta</i> , 2019, 294, 325-336.	2.6	55
85	One-pot synthesis of cubic ZnSnO ₃ /ZnO heterostructure composite and enhanced gas-sensing performance. <i>Journal of Alloys and Compounds</i> , 2019, 780, 193-201.	2.8	55
86	Highly efficient immobilization of uranium(VI) from aqueous solution by phosphonate-functionalized dendritic fibrous nanosilica (DFNS). <i>Journal of Hazardous Materials</i> , 2019, 363, 248-257.	6.5	88
87	The efficient immobilization of uranium(VI) by modified dendritic fibrous nanosilica (DFNS) using mussel bioglue. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 746-755.	3.0	12
88	Efficient removal of U(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO ₂ coated magnetic microspheres. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1321-1328.	3.0	39
89	Functionalized Sugarcane Bagasse for U(VI) Adsorption from Acid and Alkaline Conditions. <i>Scientific Reports</i> , 2018, 8, 793.	1.6	21
90	Hierarchical metal-organic framework derived nitrogen-doped porous carbon by controllable synthesis for high performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2018, 813, 200-207.	1.9	27

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91	Ni-Mn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium(U(VI)) removal. <i>Environmental Science: Nano</i> , 2018, 5, 467-475.	2.2	77
92	Hierarchical NiCo ₂ S ₄ @CoMoO ₄ core-shell heterostructures nanowire arrays as advanced electrodes for flexible all-solid-state asymmetric supercapacitors. <i>Applied Surface Science</i> , 2018, 453, 73-82.	3.1	206
93	High efficiency extraction of U(VI) from seawater by incorporation of polyethyleneimine, polyacrylic acid hydrogel and Luffa cylindrical fibers. <i>Chemical Engineering Journal</i> , 2018, 345, 526-535.	6.6	71
94	Polyethyleneimine-functionalized Luffa cylindrica for efficient uranium extraction. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 538-546.	5.0	35
95	Preparation of Ultrathin Chiffon-like Ni-Al LDHs/Graphene Composite: Interlayer Stacking of Two-Dimensional Charged Panels via Electrostatic Self-Assembly for Supercapacitor Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, A784-A792.	1.3	6
96	PtO ₂ nanoparticles functionalized CuO polyhedrons for n-butanol gas sensor application. <i>Ceramics International</i> , 2018, 44, 10426-10432.	2.3	56
97	Efficient extraction of uranium from aqueous solution using an amino-functionalized magnetic titanate nanotubes. <i>Journal of Hazardous Materials</i> , 2018, 353, 9-17.	6.5	74
98	Ionic liquids combined with Pt-modified ordered mesoporous carbons as electrolytes for the oxygen sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 490-501.	4.0	10
99	Rapid and efficient uranium(VI) capture by phytic acid/polyaniline/FeOOH composites. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 1-11.	5.0	54
100	Efficient removal of uranium(U(VI)) from simulated seawater with hyperbranched polyethylenimine (HPEI)-functionalized polyacrylonitrile fibers. <i>New Journal of Chemistry</i> , 2018, 42, 168-176.	1.4	51
101	Hierarchical FeCo ₂ O ₄ @NiCo layered double hydroxide core/shell nanowires for high performance flexible all-solid-state asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2018, 334, 1573-1583.	6.6	360
102	Effects of TiB ₂ /TiC ratios on compression properties and abrasive wear resistance of in situ 50 vol.-% (TiB ₂ -TiC)/Al-Cu composites. <i>Powder Metallurgy</i> , 2018, 61, 81-87.	0.9	3
103	Electrochemical Oxygen Sensor Based on the Interaction of Double-Layer Ionic Liquid Film (DLILF). <i>Journal of the Electrochemical Society</i> , 2018, 165, B779-B786.	1.3	11
104	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in LiCl-KCl-U ₃ O ₈ at 773 K. <i>ChemElectroChem</i> , 2018, 5, 2697-2697.	1.7	1
105	Hierarchical FeCo ₂ O ₄ @polypyrrole Core/Shell Nanowires on Carbon Cloth for High-Performance Flexible All-Solid-State Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14945-14954.	3.2	117
106	Hierarchical Ni-Al Layered Double Hydroxide In Situ Anchored onto Polyethylenimine-Functionalized Fibers for Efficient U(VI) Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13385-13394.	3.2	45
107	RGO nanosheets modified NiCo ₂ S ₄ nanoflowers for improved ethanol sensing performance at low temperature. <i>Chemical Physics Letters</i> , 2018, 703, 80-85.	1.2	9
108	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium(vi) capture. <i>Environmental Science: Nano</i> , 2018, 5, 1584-1594.	2.2	18

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109	Investigation of uranium (VI) adsorption by poly(dopamine) functionalized waste paper derived carbon. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 266-273.	2.7	31
110	A flexible all-solid-state asymmetric supercapacitors based on hierarchical carbon cloth@CoMoO ₄ @NiCo layered double hydroxide core-shell heterostructures. <i>Chemical Engineering Journal</i> , 2018, 352, 29-38.	6.6	259
111	Novel Ion-Imprinted Carbon Material Induced by Hyperaccumulation Pathway for the Selective Capture of Uranium. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28877-28886.	4.0	45
112	Electrochemical Mix ϵ Reduction Process of U and U ϵ Fe Alloys on the Surface of Cathode in LiCl ϵ KCl ϵ U ₃ O ₈ at 773 ϵ ...K. <i>ChemElectroChem</i> , 2018, 5, 2738-2746.	1.7	7
113	Metallic and superhydrophilic nickel cobalt diselenide nanosheets electrodeposited on carbon cloth as a bifunctional electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17353-17360.	5.2	100
114	A novel U(^{vi})-imprinted graphitic carbon nitride composite for the selective and efficient removal of U(^{vi}) from simulated seawater. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2218-2226.	3.0	36
115	Polypyrrole modified Fe ⁰ -loaded graphene oxide for the enrichment of uranium(^{vi}) from simulated seawater. <i>Dalton Transactions</i> , 2018, 47, 12984-12992.	1.6	20
116	Template-free synthesis of rGO decorated hollow Co ₃ O ₄ nano/microspheres for ethanol gas sensor. <i>Ceramics International</i> , 2018, 44, 21091-21098.	2.3	48
117	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. <i>Environmental Science: Nano</i> , 2018, 5, 2346-2356.	2.2	44
118	Removal U(VI) from artificial seawater using facilely and covalently grafted polyacrylonitrile fibers with lysine. <i>Applied Surface Science</i> , 2017, 403, 378-388.	3.1	64
119	Hierarchical Co ₃ O ₄ @Ni(OH) ₂ core-shell nanosheet arrays for isolated all-solid state supercapacitor electrodes with superior electrochemical performance. <i>Chemical Engineering Journal</i> , 2017, 315, 35-45.	6.6	239
120	Preparation and characterization of ZnO/CoNiO ₂ hollow nanofibers by electrospinning method with enhanced gas sensing properties. <i>Journal of Alloys and Compounds</i> , 2017, 702, 20-30.	2.8	35
121	Tube in tube ZnO/ZnCo ₂ O ₄ nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. <i>RSC Advances</i> , 2017, 7, 11428-11438.	1.7	35
122	Fabrication of ZIF-8@SiO ₂ Micro/Nano Hierarchical Superhydrophobic Surface on AZ31 Magnesium Alloy with Impressive Corrosion Resistance and Abrasion Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11106-11115.	4.0	219
123	Bovine Serum Albumin-Coated Graphene Oxide for Effective Adsorption of Uranium(VI) from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 3588-3598.	1.8	75
124	Controllable synthesis and enhanced gas sensing properties of a single-crystalline WO ₃ @rGO porous nanocomposite. <i>RSC Advances</i> , 2017, 7, 14192-14199.	1.7	51
125	Hierarchically structured layered-double-hydroxides derived by ZIF-67 for uranium recovery from simulated seawater. <i>Journal of Hazardous Materials</i> , 2017, 338, 167-176.	6.5	125
126	High-performance all-solid-state asymmetrical supercapacitors based on petal-like NiCo ₂ S ₄ /Polyaniline nanosheets. <i>Chemical Engineering Journal</i> , 2017, 325, 134-143.	6.6	201

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127	Shape-controlled fabrication and enhanced gas sensing properties of uniform sphere-like ZnFe ₂ O ₄ hierarchical architectures. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 111-120.	4.0	54
128	Impact of addition sheet-like cobalt in ionic liquids mixture to detect oxygen. <i>Talanta</i> , 2017, 172, 182-185.	2.9	3
129	p heterojunction CuO/CuCo ₂ O ₄ nanotubes synthesized via electrospinning technology for detecting n-propanol gas at room temperature. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1219-1230.	3.0	63
130	Effect of the synthesis method on the performance of Fe ₃ O ₄ -inositol hexaphosphate as a drug delivery vehicle for combination therapeutics with doxorubicin. <i>New Journal of Chemistry</i> , 2017, 41, 5305-5312.	1.4	8
131	Enhanced acetone gas sensing response of ZnO/ZnCo ₂ O ₄ nanotubes synthesized by single capillary electrospinning technology. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 511-522.	4.0	47
132	Enhancing adsorption of U(VI) onto EDTA modified <i>L. cylindrica</i> using epichlorohydrin and ethylenediamine as a bridge. <i>Scientific Reports</i> , 2017, 7, 44156.	1.6	12
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