Xin Wang

List of Publications by Citations

138 papers	6,819 citations	41 h-index	79 g-index
146 ext. papers	8,269 ext. citations	7.8 avg, IF	6.32 L-index

#	Paper	IF	Citations
138	A metal□rganic framework-derived bifunctional oxygen electrocatalyst. *Nature Energy*, **2016**, 1,	62.3	1622
137	Formation of Ni-Fe Mixed Diselenide Nanocages as a Superior Oxygen Evolution Electrocatalyst. *Advanced Materials*, **2017**, 29, 1703870	24	327
136	Flexible all-solid-state hierarchical NiCo2O4/porous graphene paper asymmetric supercapacitors with an exceptional combination of electrochemical properties. *Nano Energy*, **2015**, 13, 306-317	17.1	265
135	Enhanced adsorption of uranium (VI) using a three-dimensional layered double hydroxide/graphene hybrid material. *Chemical Engineering Journal*, **2015**, 259, 752-760	14.7	189
134	Interfacial growth of a metal□rganic framework (UiO-66) on functionalized graphene oxide (GO) as a suitable seawater adsorbent for extraction of uranium(VI). *Journal of Materials Chemistry A*, **2017**, 5, 17933-17942	13	177
133	One-step method for the fabrication of superhydrophobic surface on magnesium alloy and its corrosion protection, antifouling performance. *Corrosion Science*, **2014**, 80, 177-183	6.8	144
132	Removal of uranium(VI) from aqueous solutions by magnetic Schiff base: Kinetic and thermodynamic investigation. *Chemical Engineering Journal*, **2012**, 198-199, 412-419	14.7	135
131	Removal of uranium(VI) ions from aqueous solution by magnetic cobalt ferrite/multiwalled carbon nanotubes composites. *Chemical Engineering Journal*, **2015**, 273, 307-315	14.7	130
130	Interconnected NiS nanosheets supported by nickel foam: Soaking fabrication and supercapacitors application. *Journal of Electroanalytical Chemistry*, **2015**, 739, 156-163	4.1	129
129	Fabrication of ZIF-8@SiO Micro/Nano Hierarchical Superhydrophobic Surface on AZ31 Magnesium Alloy with Impressive Corrosion Resistance and Abrasion Resistance. *ACS Applied Materials & Interfaces*, **2017**, 9, 11106-11115	9.5	127
128	Mussel-inspired functionalization of electrochemically exfoliated graphene: Based on self-polymerization of dopamine and its suppression effect on the fire hazards and smoke toxicity of thermoplastic polyurethane. *Journal of Hazardous Materials*, **2018**, 352, 57-69	12.8	108
127	A graphene oxide/amidoxime hydrogel for enhanced uranium capture. *Scientific Reports*, **2016**, 6, 19367	4.9	99
126	Nickel-Cobalt Layered Double Hydroxide Nanowires on Three Dimensional Graphene Nickel Foam for High Performance Asymmetric Supercapacitors. *Electrochimica Acta*, **2016**, 215, 492-499	6.7	93
125	Hierarchically structured layered-double-hydroxides derived by ZIF-67 for uranium recovery from simulated seawater. *Journal of Hazardous Materials*, **2017**, 338, 167-176	12.8	90
124	Metallic FePSe3 nanoparticles anchored on N-doped carbon framework for All-pH hydrogen evolution reaction. *Nano Energy*, **2019**, 57, 222-229	17.1	87
123	Fabrication of ZnO/epoxy resin superhydrophobic coating on AZ31 magnesium alloy. *Chemical Engineering Journal*, **2019**, 368, 261-272	14.7	83
122	Facile synthesis of N-doped 3D graphene aerogel and its excellent performance in catalytic degradation of antibiotic contaminants in water. *Carbon*, **2019**, 144, 781-790	10.4	79

121	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	13	77
120	Metallic and superhydrophilic nickel cobalt diselenide nanosheets electrodeposited on carbon cloth as a bifunctional electrocatalyst. *Journal of Materials Chemistry A*, **2018**, 6, 17353-17360	13	70
119	The synthesis of a manganese dioxide–iron oxide–graphene magnetic nanocomposite for enhanced uranium(VI) removal. *New Journal of Chemistry*, **2015**, 39, 868-876	3.6	67
118	Synthesis, characterization and enhanced gas sensing performance of porous ZnCo2O4 nano/microspheres. *Nanoscale*, **2015**, 7, 19714-21	7.7	63
117	Synthesis of ZnO–Ag Hybrids and Their Gas-Sensing Performance toward Ethanol. *Industrial & Engineering Chemistry Research*, **2015**, 54, 8947-8953	3.9	63
116	Ni–Mn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium(VI) removal. *Environmental Science: Nano*, **2018**, 5, 467-475	7.1	62
115	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	6.7	62
114	High U(VI) adsorption capacity by mesoporous Mg(OH)2 deriving from MgO hydrolysis. *RSC Advances*, **2013**, 3, 23278	3.7	58
113	Bovine Serum Albumin-Coated Graphene Oxide for Effective Adsorption of Uranium(VI) from Aqueous Solutions. *Industrial & Engineering Chemistry Research*, **2017**, 56, 3588-3598	3.9	57
112	All-solid state asymmetric supercapacitor based on NiCoAl layered double hydroxide nanopetals on robust 3D graphene and modified mesoporous carbon. *Chemical Engineering Journal*, **2017**, 328, 873-883	14.7	57
111	Highly efficient immobilization of uranium(VI) from aqueous solution by phosphonate-functionalized dendritic fibrous nanosilica (DFNS). *Journal of Hazardous Materials*, **2019**, 363, 248-257	12.8	55
110	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. *Chemical Engineering Journal*, **2020**, 382, 122850	14.7	55
109	Diaminomaleonitrile functionalized double-shelled hollow MIL-101 (Cr) for selective removal of uranium from simulated seawater. *Chemical Engineering Journal*, **2019**, 368, 951-958	14.7	52
108	Anchoring ZIF-67 particles on amidoximerized polyacrylonitrile fibers for radionuclide sequestration in wastewater and seawater. *Journal of Hazardous Materials*, **2020**, 395, 122692	12.8	51
107	Construction of SiO2@UiO-66 core–shell microarchitectures through covalent linkage as flame retardant and smoke suppressant for epoxy resins. *Composites Part B: Engineering*, **2019**, 176, 107261	10	49
106	3D self-assembly polyethyleneimine modified graphene oxide hydrogel for the extraction of uranium from aqueous solution. *Applied Surface Science*, **2017**, 426, 1063-1074	6.7	48
105	Recovery of uranium(vi) from aqueous solutions using a modified honeycomb-like porous carbon material. *Dalton Transactions*, **2017**, 46, 420-429	4.3	48
104	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	8.3	46

103	Fabrication of super slippery sheet-layered and porous anodic aluminium oxide surfaces and its anticorrosion property. *Applied Surface Science*, **2015**, 355, 495-501	6.7	46
102	Removal U(VI) from artificial seawater using facilely and covalently grafted polyacrylonitrile fibers with lysine. *Applied Surface Science*, **2017**, 403, 378-388	6.7	45
101	Efficient extraction of uranium from aqueous solution using an amino-functionalized magnetic titanate nanotubes. *Journal of Hazardous Materials*, **2018**, 353, 9-17	12.8	43
100	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	14.7	42
99	P‐n heterojunction CuO/CuCo2O4 nanotubes synthesized via electrospinning technology for detecting n-propanol gas at room temperature. *Inorganic Chemistry Frontiers*, **2017**, 4, 1219-1230	6.8	41
98	Novel hierarchical CoFe2Se4@CoFe2O4 and CoFe2S4@CoFe2O4 core-shell nanoboxes electrode for high-performance electrochemical energy storage. *Chemical Engineering Journal*, **2020**, 390, 124175	14.7	41
97	The Role of Nanobubbles in the Precipitation and Recovery of Organic-Phosphine-Containing Beneficiation Wastewater. *Langmuir*, **2018**, 34, 6217-6224	4	41
96	The growth and assembly of the multidimensional hierarchical Ni3S2 for aqueous asymmetric supercapacitors. *CrystEngComm*, **2015**, 17, 4495-4501	3.3	40
95	Porous biochar modified with polyethyleneimine (PEI) for effective enrichment of U(VI) in aqueous solution. *Science of the Total Environment*, **2020**, 708, 134575	10.2	38
94	A novel 3D reticular anti-fouling bio-adsorbent for uranium extraction from seawater: Polyethylenimine and guanidyl functionalized hemp fibers. *Chemical Engineering Journal*, **2020**, 382, 122553	14.7	38
93	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	14.7	36
92	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	7.1	35
91	Efficient removal of uranium(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI)-functionalized polyacrylonitrile fibers. *New Journal of Chemistry*, **2018**, 42, 168-176	3.6	35
90	Enhanced acetone gas sensing response of ZnO/ZnCo2O4 nanotubes synthesized by single capillary electrospinning technology. *Sensors and Actuators B: Chemical*, **2017**, 252, 511-522	8.5	34
89	Anti-Biofouling and Water-Stable Balanced Charged Metal Organic Framework-Based Polyelectrolyte Hydrogels for Extracting Uranium from Seawater. *ACS Applied Materials & Interfaces*, **2020**, 12, 18012-18022	9.5	34
88	Water-repellent and corrosion-resistance properties of superhydrophobic and lubricant-infused super slippery surfaces. *RSC Advances*, **2017**, 7, 44239-44246	3.7	34
87	Removal of uranium(VI) from aqueous solutions by surface modified magnetic Fe3O4 particles. *New Journal of Chemistry*, **2013**, 37, 3914	3.6	33
86	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	5.7	30

85	Self-assembly of graphene oxide/PEDOT:PSS nanocomposite as a novel adsorbent for uranium immobilization from wastewater. *Environmental Pollution*, **2019**, 250, 196-205	9.3	30
84	PtO 2 -nanoparticles functionalized CuO polyhedrons for n-butanol gas sensor application. *Ceramics International*, **2018**, 44, 10426-10432	5.1	30
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	3.7	29
82	Facile synthesis of magnetic carboxymethylcellulose nanocarriers for pH-responsive delivery of doxorubicin. *New Journal of Chemistry*, **2015**, 39, 7340-7347	3.6	29
81	Mussel-inspired antifouling magnetic activated carbon for uranium recovery from simulated seawater. *Journal of Colloid and Interface Science*, **2019**, 534, 172-182	9.3	29
80	Defect-Induced Method for Preparing Hierarchical Porous Zr MOF Materials for Ultrafast and Large-Scale Extraction of Uranium from Modified Artificial Seawater. *Industrial & Engineering Chemistry Research*, **2019**, 58, 1159-1166	3.9	29
79	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. *Journal of Hazardous Materials*, **2020**, 381, 120984	12.8	29
78	Efficient removal of uranium(vi) from simulated seawater using amidoximated polyacrylonitrile/FeOOH composites. *Dalton Transactions*, **2017**, 46, 15746-15756	4.3	28
77	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	12.8	28
76	Novel Ion-Imprinted Carbon Material Induced by Hyperaccumulation Pathway for the Selective Capture of Uranium. *ACS Applied Materials & Interfaces*, **2018**, 10, 28877-28886	9.5	28
75	Synthesis of zinc-based acrylate copolymers and their marine antifouling application. *RSC Advances*, **2017**, 7, 40020-40027	3.7	28
74	Preparation of magnetic core-shell iron oxide@silica@nickel-ethylene glycol microspheres for highly efficient sorption of uranium(VI). *Dalton Transactions*, **2015**, 44, 6909-17	4.3	27
73	Melamine modified graphene hydrogels for the removal of uranium(VI) from aqueous solution. *New Journal of Chemistry*, **2017**, 41, 10899-10907	3.6	27
72	Monodisperse and core shell structured NaYF4:Ln@SiO2 (Ln=Yb/Er, Yb/Tm) microspheres: Synthesis and characterization. *Journal of Alloys and Compounds*, **2010**, 490, 684-689	5.7	27
71	Polypyrrole/cobalt ferrite/multiwalled carbon nanotubes as an adsorbent for removing uranium ions from aqueous solutions. *Dalton Transactions*, **2016**, 45, 9166-73	4.3	26
70	Designed synthesis of Ag-functionalized Ni-doped In2O3 nanorods with enhanced formaldehyde gas sensing properties. *Journal of Materials Chemistry C*, **2019**, 7, 7219-7229	7.1	25
69	Insight into the performance and mechanism of low-cost phytic acid modified Zn-Al-Ti LMO for U(VI) removal. *Chemical Engineering Journal*, **2020**, 402, 125510	14.7	25
68	Three-dimensional hierarchical Co3O4 nano/micro-architecture: synthesis and ethanol sensing properties. *CrystEngComm*, **2016**, 18, 5728-5735	3.3	25

67	Template-free synthesis of rGO decorated hollow Co3O4 nano/microspheres for ethanol gas sensor. *Ceramics International*, **2018**, 44, 21091-21098	5.1	25
66	Magnetic metal-organic frameworks/carbon dots as a multifunctional platform for detection and removal of uranium. *Applied Surface Science*, **2019**, 491, 640-649	6.7	24
65	Efficient removal of U(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO2 coated magnetic microspheres. *Inorganic Chemistry Frontiers*, **2018**, 5, 1321-1328	6.8	23
64	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	5.3	23
63	Porous tungsten trioxide nanolamellae with uniform structures for high-performance ethanol sensing. *CrystEngComm*, **2016**, 18, 8411-8418	3.3	22
62	A novel U(VI)-imprinted graphitic carbon nitride composite for the selective and efficient removal of U(VI) from simulated seawater. *Inorganic Chemistry Frontiers*, **2018**, 5, 2218-2226	6.8	21
61	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	5.7	21
60	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	8.3	20
59	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	5.7	20
58	Preparation of magnetic calcium silicate hydrate for the efficient removal of uranium from aqueous systems. *RSC Advances*, **2015**, 5, 5904-5912	3.7	20
57	Bioinspired Reduced Graphene Oxide/Polyacrylonitrile-Based Carbon Fibers/CoFe2O4 Nanocomposite for Flexible Supercapacitors with High Strength and Capacitance. *ChemElectroChem*, **2018**, 5, 1297-1305	4.3	20
56	Hierarchical flower like double-layer superhydrophobic films fabricated on AZ31 for corrosion protection and self-cleaning. *New Journal of Chemistry*, **2017**, 41, 12767-12776	3.6	19
55	3D hierarchical CoFe2O4/CoOOH nanowire arrays on Ni-Sponge for high-performance flexible supercapacitors. *Electrochimica Acta*, **2020**, 340, 135892	6.7	19
54	Fabrication of CeO2/ZnCo2O4 n□ heterostructured porous nanotubes via electrospinning technology for enhanced ethanol gas sensing performance. *RSC Advances*, **2016**, 6, 101626-101637	3.7	19
53	Hierarchical Ni□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	8.3	19
52	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	4.6	17
51	Synthesis of hybrid zinc/silyl acrylate copolymers and their surface properties in the microfouling stage. *RSC Advances*, **2016**, 6, 13858-13866	3.7	16
50	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	9.3	16

49	Designed synthesis of Co-doped sponge-like In2O3 for highly sensitive detection of acetone gas. *CrystEngComm*, **2019**, 21, 1876-1885	3.3	15
48	Metal-organic frameworks (MIL-68) decorated graphene oxide for highly efficient enrichment of uranium. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 99, 45-52	5.3	15
47	Composites of hierarchical metal–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	3.6	15
46	Polypyrrole modified Fe-loaded graphene oxide for the enrichment of uranium(vi) from simulated seawater. *Dalton Transactions*, **2018**, 47, 12984-12992	4.3	14
45	Hierarchical structure of CoFe2O4 core-shell microsphere coating on carbon fiber cloth for high-performance asymmetric flexible supercapacitor applications. *Ionics*, **2019**, 25, 4905-4914	2.7	14
44	Synthesis of Amphiphilic Acrylate Boron Fluorinated Polymers with Antifouling Behavior. *Industrial & Engineering Chemistry Research*, **2019**, 58, 8016-8025	3.9	13
43	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	13	13
42	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium(VI) capture. *Environmental Science: Nano*, **2018**, 5, 1584-1594	7.1	13
41	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	5.7	12
40	HFIP-Functionalized Co O Micro-Nano-Octahedra/rGO as a Double-Layer Sensing Material for Chemical Warfare Agents. *Chemistry - A European Journal*, **2019**, 25, 11892-11902	4.8	12
39	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	8.5	12
38	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	9.3	12
37	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. *ChemistrySelect*, **2019**, 4, 5437-5458	1.8	11
36	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	6	11
35	Solvent ratio controlled synthesis of CoFe2O4 hollow skeleton nanobox electrode for high-performance supercapacitor. *Applied Surface Science*, **2020**, 533, 147433	6.7	11
34	Bifunctional Conducting Polymer Coated CoFe2O4 Core-Shell Nanolayer on Carbon Fiber Cloth for 2.0 V Wearable Aqueous Supercapacitors. *ChemistrySelect*, **2019**, 4, 1685-1695	1.8	10
33	The structures of CoFe2O4/PEDOT electrodes effect on the stability and specific capacity for electrochemical energy storage. *Applied Surface Science*, **2021**, 542, 148670	6.7	10
32	Ionic liquid combined with NiCoO/rGO enhances electrochemical oxygen sensing. *Talanta*, **2020**, 209, 120515	6.2	9

31	Preparation of NiAl-LDH/Polypyrrole composites for uranium(VI) extraction from simulated seawater. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 562, 329-335	5.1	9
30	Long-Term Stability of a Liquid-Infused Coating with Anti-Corrosion and Anti-Icing Potentials on Al Alloy. *ChemElectroChem*, **2019**, 6, 3911-3919	4.3	8
29	The efficient immobilization of uranium(VI) by modified dendritic fibrous nanosilica (DFNS) using mussel bioglue. *Inorganic Chemistry Frontiers*, **2019**, 6, 746-755	6.8	8
28	The study of metallic uranium production by pyrochemical mix-conversion of U3O8. *Electrochimica Acta*, **2019**, 318, 194-201	6.7	7
27	Synthesis of C@Ni-Al LDH HSS for efficient U-entrapment from seawater. *Scientific Reports*, **2019**, 9, 5807	4.9	7
26	Facile Construction of Sandwich-like Co3O4/CNTs Complex for High-performance Asymmetric Supercapacitors. *ChemistrySelect*, **2019**, 4, 3878-3883	1.8	7
25	Synthesis of microporous aromatic framework with scholl-coupling reaction for efficient uranium (VI) capture. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 602, 125131	5.1	7
24	Combination therapeutics of doxorubicin with Fe3O4@chitosan@phytic acid nanoparticles for multi-responsive drug delivery. *RSC Advances*, **2016**, 6, 88248-88254	3.7	7
23	Uranium(VI) adsorption on alumina hollow microspheres synthesized via a facile self-templating process. *RSC Advances*, **2013**, 3, 6621	3.7	7
22	In situ construction of 3-dimensional hierarchical carbon nanostructure; investigation of the synthesis parameters and hydrogen evolution reaction performance. *Carbon*, **2021**, 178, 48-57	10.4	7
21	Effect of the synthesis method on the performance of Fe3O4@inositol hexaphosphate as a drug delivery vehicle for combination therapeutics with doxorubicin. *New Journal of Chemistry*, **2017**, 41, 5305-5312	3.6	6
20	Simple one-step synthesis of woven amidoximated natural material bamboo strips for uranium extraction from seawater. *Chemical Engineering Journal*, **2021**, 425, 131538	14.7	6
19	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in LiCl-KCl-U3O8 at 773 K. *ChemElectroChem*, **2018**, 5, 2738-2746	4.3	5
18	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	6.7	5
17	Swollen-layer constructed with polyamine on the surface of nano-polyacrylonitrile cloth used for extract uranium from seawater. *Chemosphere*, **2021**, 271, 129548	8.4	5
16	Water-locking molecule-assisted fabrication of nature-inspired Mg(OH) for highly efficient and economical uranium capture. *Dalton Transactions*, **2020**, 49, 7535-7545	4.3	3
15	Comprehensive biocompatible hemp fibers improved by phosphate zwitterion with high U(VI) affinity in the marine conditions. *Chemical Engineering Journal*, **2021**, 132742	14.7	3
14	Atomically dispersed NiN4 species and Ni nanoparticles constructing N-doped porous carbon fibers for accelerating hydrogen evolution. *Carbon*, **2021**, 185, 96-104	10.4	3

13	Fully Repairable Slippery Organogel Surfaces with Reconfigurable Paraffin-Based Framework for Universal Antiadhesion. *ACS Applied Materials & Interfaces*, **2020**, 12, 39807-39816	9.5	2
12	Improvement of U(VI) removal by tuning magnetic metal organic frameworks with amine ligands. *Journal of Molecular Liquids*, **2021**, 334, 116495	6	2
11	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. *Chemistry - A European Journal*, **2019**, 25, 590-597	4.8	2
10	In-situ Immobilization of a Polyoxometalate Metal-Organic Framework (NENU-3) on Functionalized Reduced Graphene Oxide for Hydrazine Sensing. *Chinese Journal of Chemistry*, **2021**, 39, 2889-2897	4.9	2
9	HFIP-functionalized 3D carbon nanostructure as chemiresistive nerve agents sensors under visible light. *Sensors and Actuators B: Chemical*, **2022**, 358, 131475	8.5	1
8	Electrochemical study of reduction Ce(III) ions and production of high purity metallic cerium by electrorefining in fused LiCl-KCl eutectic. *Journal of Electroanalytical Chemistry*, **2020**, 878, 114691	4.1	1
7	Ag-CS Enhanced Performance of Pyrrolidone-Based Ionic Liquid Oxygen Sensor. *Journal of the Electrochemical Society*, **2020**, 167, 067522	3.9	1
6	Photocatalytic antifouling coating based on carbon nitride with dynamic acrylate boron fluorinated polymers. *New Journal of Chemistry*, **2021**, 45, 780-787	3.6	1
5	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	9.3	1
4	Constructing three-dimensional network C, O Co-doped nitrogen-deficient carbon nitride regulated by acrylic fluoroboron overall marine antifouling. *Journal of Colloid and Interface Science*, **2021**, 608, 1802-1812	9.3	0
3	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in LiCl-KCl-U3O8 at 773 K. *ChemElectroChem*, **2018**, 5, 2697-2697	4.3	0
2	Fe2O3/rGO cooperated with tri-alkyl-substituted-imidazolium ionic liquids for enhancing oxygen sensing. *Sensors and Actuators B: Chemical*, **2021**, 341, 130029	8.5	0
1	Design of multifunctional phytate coated magnetic composites for combined therapy with antitumor drugs. *New Journal of Chemistry*, **2017**, 41, 14898-14905	3.6	