

Xin Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	HFIP-functionalized 3D carbon nanostructure as chemiresistive nerve agents sensors under visible light. <i>Sensors and Actuators B: Chemical</i> , 2022 , 358, 131475	8.5	1
137	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	9.3	1
136	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> , 2021 , 608, 1802-1812 ^o	9.3	12 ^o
135	Swollen-layer constructed with polyamine on the surface of nano-polyacrylonitrile cloth used for extract uranium from seawater. <i>Chemosphere</i> , 2021 , 271, 129548	8.4	5
134	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	10.4	7
133	Improvement of U(VI) removal by tuning magnetic metal organic frameworks with amine ligands. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116495	6	2
132	The structures of CoFe ₂ O ₄ /PEDOT electrodes effect on the stability and specific capacity for electrochemical energy storage. <i>Applied Surface Science</i> , 2021 , 542, 148670	6.7	10
131	Photocatalytic antifouling coating based on carbon nitride with dynamic acrylate boron fluorinated polymers. <i>New Journal of Chemistry</i> , 2021 , 45, 780-787	3.6	1
130	Be ₂ O ₃ /rGO cooperated with tri-alkyl-substituted-imidazolium ionic liquids for enhancing oxygen sensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 341, 130029	8.5	0
129	In-situ Immobilization of a Polyoxometalate Metal-Organic Framework (NENU-3) on Functionalized Reduced Graphene Oxide for Hydrazine Sensing. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2889-2897	4.9	2
128	Comprehensive biocompatible hemp fibers improved by phosphate zwitterion with high U(VI) affinity in the marine conditions. <i>Chemical Engineering Journal</i> , 2021 , 132742	14.7	3
127	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	9.3	12
126	Atomically dispersed Ni ^{II} species and Ni nanoparticles constructing N-doped porous carbon fibers for accelerating hydrogen evolution. <i>Carbon</i> , 2021 , 185, 96-104	10.4	3
125	Simple one-step synthesis of woven amidoximated natural material bamboo strips for uranium extraction from seawater. <i>Chemical Engineering Journal</i> , 2021 , 425, 131538	14.7	6
124	Water-locking molecule-assisted fabrication of nature-inspired Mg(OH) for highly efficient and economical uranium capture. <i>Dalton Transactions</i> , 2020 , 49, 7535-7545	4.3	3
123	Insight into the performance and mechanism of low-cost phytic acid modified Zn-Al-Ti LMO for U(VI) removal. <i>Chemical Engineering Journal</i> , 2020 , 402, 125510	14.7	25
122	Synthesis of microporous aromatic framework with scholl-coupling reaction for efficient uranium (VI) capture. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 602, 125131	5.1	7

121	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	9.5	34
120	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	5.7	12
119	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	4.6	17
118	3D hierarchical CoFe ₂ O ₄ /CoOOH nanowire arrays on Ni-Sponge for high-performance flexible supercapacitors. <i>Electrochimica Acta</i> , 2020 , 340, 135892	6.7	19
117	Novel hierarchical CoFe ₂ Se ₄ @CoFe ₂ O ₄ and CoFe ₂ S ₄ @CoFe ₂ O ₄ core-shell nanoboxes electrode for high-performance electrochemical energy storage. <i>Chemical Engineering Journal</i> , 2020 , 390, 124175	14.7	41
116	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	6.7	5
115	Ionic liquid combined with NiCoO/rGO enhances electrochemical oxygen sensing. <i>Talanta</i> , 2020 , 209, 120515	6.2	9
114	Porous biochar modified with polyethyleneimine (PEI) for effective enrichment of U(VI) in aqueous solution. <i>Science of the Total Environment</i> , 2020 , 708, 134575	10.2	38
113	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	6	11
112	Solvent ratio controlled synthesis of CoFe ₂ O ₄ hollow skeleton nanobox electrode for high-performance supercapacitor. <i>Applied Surface Science</i> , 2020 , 533, 147433	6.7	11
111	Fully Repairable Slippery Organogel Surfaces with Reconfigurable Paraffin-Based Framework for Universal Antiadhesion. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 39807-39816	9.5	2
110	Electrochemical study of reduction Ce(III) ions and production of high purity metallic cerium by electrorefining in fused LiCl-KCl eutectic. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 878, 114691	4.1	1
109	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, 122553	14.7	38
108	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. <i>Chemical Engineering Journal</i> , 2020 , 382, 122850	14.7	55
107	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. <i>Journal of Hazardous Materials</i> , 2020 , 381, 120984	12.8	29
106	Anchoring ZIF-67 particles on amidoximerized polyacrylonitrile fibers for radionuclide sequestration in wastewater and seawater. <i>Journal of Hazardous Materials</i> , 2020 , 395, 122692	12.8	51
105	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	8.5	12
104	Ag-CS Enhanced Performance of Pyrrolidone-Based Ionic Liquid Oxygen Sensor. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 067522	3.9	1

103	Construction of SiO ₂ @UiO-66 core-shell microarchitectures through covalent linkage as flame retardant and smoke suppressant for epoxy resins. <i>Composites Part B: Engineering</i> , 2019 , 176, 107261	10	49
102	Heterogeneous NiSe ₂ /Ni Ultrafine Nanoparticles Embedded into an N,S-Codoped Carbon Framework for pH-Universal Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 4119-4127	8.3	20
101	Designed synthesis of Co-doped sponge-like In ₂ O ₃ for highly sensitive detection of acetone gas. <i>CrystEngComm</i> , 2019 , 21, 1876-1885	3.3	15
100	Fabrication of ZnO/epoxy resin superhydrophobic coating on AZ31 magnesium alloy. <i>Chemical Engineering Journal</i> , 2019 , 368, 261-272	14.7	83
99	The study of metallic uranium production by pyrochemical mix-conversion of U ₃ O ₈ . <i>Electrochimica Acta</i> , 2019 , 318, 194-201	6.7	7
98	Long-Term Stability of a Liquid-Infused Coating with Anti-Corrosion and Anti-Icing Potentials on Al Alloy. <i>ChemElectroChem</i> , 2019 , 6, 3911-3919	4.3	8
97	Hyperbranched topological swollen-layer constructs of multi-active sites polyacrylonitrile (PAN) adsorbent for uranium(VI) extraction from seawater. <i>Chemical Engineering Journal</i> , 2019 , 374, 1204-1213	14.7	36
96	Magnetic metal-organic frameworks/carbon dots as a multifunctional platform for detection and removal of uranium. <i>Applied Surface Science</i> , 2019 , 491, 640-649	6.7	24
95	Nano-sized architectural design of multi-activity graphene oxide (GO) by chemical post-decoration for efficient uranium(VI) extraction. <i>Journal of Hazardous Materials</i> , 2019 , 375, 320-329	12.8	28
94	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. <i>ChemistrySelect</i> , 2019 , 4, 5437-5458	1.8	11
93	Synthesis of Amphiphilic Acrylate Boron Fluorinated Polymers with Antifouling Behavior. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 8016-8025	3.9	13
92	Electrospun n-p WO ₃ /CuO heterostructure nanofibers as an efficient sarin nerve agent sensing material at room temperature. <i>Journal of Alloys and Compounds</i> , 2019 , 793, 31-41	5.7	20
91	Metal-organic frameworks (MIL-68) decorated graphene oxide for highly efficient enrichment of uranium. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 99, 45-52	5.3	15
90	Designed synthesis of Ag-functionalized Ni-doped In ₂ O ₃ nanorods with enhanced formaldehyde gas sensing properties. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 7219-7229	7.1	25
89	Synthesis of C@Ni-Al LDH HSS for efficient U-entrapment from seawater. <i>Scientific Reports</i> , 2019 , 9, 5807.9	7.9	7
88	Self-assembly of graphene oxide/PEDOT:PSS nanocomposite as a novel adsorbent for uranium immobilization from wastewater. <i>Environmental Pollution</i> , 2019 , 250, 196-205	9.3	30
87	Facile Construction of Sandwich-like Co ₃ O ₄ /CNTs Complex for High-performance Asymmetric Supercapacitors. <i>ChemistrySelect</i> , 2019 , 4, 3878-3883	1.8	7
86	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	8.3	46

85	Bifunctional Conducting Polymer Coated CoFe ₂ O ₄ Core-Shell Nanolayer on Carbon Fiber Cloth for 2.0 V Wearable Aqueous Supercapacitors. <i>ChemistrySelect</i> , 2019 , 4, 1685-1695	1.8	10
84	HFIP-Functionalized Co O Micro-Nano-Octahedra/rGO as a Double-Layer Sensing Material for Chemical Warfare Agents. <i>Chemistry - A European Journal</i> , 2019 , 25, 11892-11902	4.8	12
83	Hierarchical structure of CoFe ₂ O ₄ core-shell microsphere coating on carbon fiber cloth for high-performance asymmetric flexible supercapacitor applications. <i>Ionics</i> , 2019 , 25, 4905-4914	2.7	14
82	The efficient immobilization of uranium(VI) by modified dendritic fibrous nanosilica (DFNS) using mussel bioglu. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 746-755	6.8	8
81	Diaminomaleonitrile functionalized double-shelled hollow MIL-101 (Cr) for selective removal of uranium from simulated seawater. <i>Chemical Engineering Journal</i> , 2019 , 368, 951-958	14.7	52
80	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	9.3	16
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	13	13
78	Mussel-inspired antifouling magnetic activated carbon for uranium recovery from simulated seawater. <i>Journal of Colloid and Interface Science</i> , 2019 , 534, 172-182	9.3	29
77	Defect-Induced Method for Preparing Hierarchical Porous ZrMOF Materials for Ultrafast and Large-Scale Extraction of Uranium from Modified Artificial Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 1159-1166	3.9	29
76	Metallic FePSe ₃ nanoparticles anchored on N-doped carbon framework for All-pH hydrogen evolution reaction. <i>Nano Energy</i> , 2019 , 57, 222-229	17.1	87
75	Facile synthesis of N-doped 3D graphene aerogel and its excellent performance in catalytic degradation of antibiotic contaminants in water. <i>Carbon</i> , 2019 , 144, 781-790	10.4	79
74	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	5.7	21
73	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	6.7	62
72	Preparation of NiAl-LDH/Polypyrrole composites for uranium(VI) extraction from simulated seawater. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 562, 329-335	5.1	9
71	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	12.8	55
70	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	4.8	2
69	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	6.8	23
68	NiMn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium(VI) removal. <i>Environmental Science: Nano</i> , 2018 , 5, 467-475	7.1	62

67	Bioinspired Reduced Graphene Oxide/Polyacrylonitrile-Based Carbon Fibers/CoFe ₂ O ₄ Nanocomposite for Flexible Supercapacitors with High Strength and Capacitance. <i>ChemElectroChem</i> , 2018 , 5, 1297-1305	4.3	20
66	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	14.7	42
65	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. <i>Journal of Hazardous Materials</i> , 2018 , 352, 57-69	12.8	108
64	PtO ₂ -nanoparticles functionalized CuO polyhedrons for n-butanol gas sensor application. <i>Ceramics International</i> , 2018 , 44, 10426-10432	5.1	30
63	Efficient extraction of uranium from aqueous solution using an amino-functionalized magnetic titanate nanotubes. <i>Journal of Hazardous Materials</i> , 2018 , 353, 9-17	12.8	43
62	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	9.5	28
61	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, 2738-2746	4.3	5
60	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	13	70
59	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	6.8	21
58	Polypyrrole modified Fe-loaded graphene oxide for the enrichment of uranium(vi) from simulated seawater. <i>Dalton Transactions</i> , 2018 , 47, 12984-12992	4.3	14
57	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	5.1	25
56	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	7.1	35
55	Efficient removal of uranium(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI)-functionalized polyacrylonitrile fibers. <i>New Journal of Chemistry</i> , 2018 , 42, 168-176	3.6	35
54	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	4.3	0
53	Hierarchical Ni ₃ 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	8.3	19
52	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium(VI) capture. <i>Environmental Science: Nano</i> , 2018 , 5, 1584-1594	7.1	13
51	The Role of Nanobubbles in the Precipitation and Recovery of Organic-Phosphine-Containing Beneficiation Wastewater. <i>Langmuir</i> , 2018 , 34, 6217-6224	4	41
50	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	5.3	23

49	Removal U(VI) from artificial seawater using facilely and covalently grafted polyacrylonitrile fibers with lysine. <i>Applied Surface Science</i> , 2017 , 403, 378-388	6.7	45
48	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	5.7	30
47	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	3.7	29
46	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	9.5	127
45	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	3.9	57
44	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	12.8	90
43	Pβ 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	6.8	41
42	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 ⁶	3.6	12
41	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	8.5	34
40	Hierarchical flower like double-layer superhydrophobic films fabricated on AZ31 for corrosion protection and self-cleaning. <i>New Journal of Chemistry</i> , 2017 , 41, 12767-12776	3.6	19
39	Efficient removal of uranium(vi) from simulated seawater using amidoximated polyacrylonitrile/FeOOH composites. <i>Dalton Transactions</i> , 2017 , 46, 15746-15756	4.3	28
38	Formation of Ni-Fe Mixed Diselenide Nanocages as a Superior Oxygen Evolution Electrocatalyst. <i>Advanced Materials</i> , 2017 , 29, 1703870	24	327
37	Composites of hierarchical metal-organic framework derived nitrogen-doped porous carbon and interpenetrating 3D hollow carbon spheres from lotus pollen for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2017 , 41, 12835-12842	3.6	15
36	Water-repellent and corrosion-resistance properties of superhydrophobic and lubricant-infused super slippery surfaces. <i>RSC Advances</i> , 2017 , 7, 44239-44246	3.7	34
35	All-solid state asymmetric supercapacitor based on NiCoAl layered double hydroxide nanopetals on robust 3D graphene and modified mesoporous carbon. <i>Chemical Engineering Journal</i> , 2017 , 328, 873-883 ^{14.7}	14.7	57
34	3D self-assembly polyethyleneimine modified graphene oxide hydrogel for the extraction of uranium from aqueous solution. <i>Applied Surface Science</i> , 2017 , 426, 1063-1074	6.7	48
33	Interfacial growth of a metal-organic framework (UiO-66) on functionalized graphene oxide (GO) as a suitable seawater adsorbent for extraction of uranium(VI). <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17933-17942	13	177
32	Melamine modified graphene hydrogels for the removal of uranium(VI) from aqueous solution. <i>New Journal of Chemistry</i> , 2017 , 41, 10899-10907	3.6	27

31	Design of multifunctional phytate coated magnetic composites for combined therapy with antitumor drugs. <i>New Journal of Chemistry</i> , 2017 , 41, 14898-14905	3.6	
30	Recovery of uranium(vi) from aqueous solutions using a modified honeycomb-like porous carbon material. <i>Dalton Transactions</i> , 2017 , 46, 420-429	4.3	48
29	Synthesis of zinc-based acrylate copolymers and their marine antifouling application. <i>RSC Advances</i> , 2017 , 7, 40020-40027	3.7	28
28	Combination therapeutics of doxorubicin with Fe ₃ O ₄ @chitosan@phytic acid nanoparticles for multi-responsive drug delivery. <i>RSC Advances</i> , 2016 , 6, 88248-88254	3.7	7
27	Fabrication of CeO ₂ /ZnCo ₂ O ₄ n/p heterostructured porous nanotubes via electrospinning technology for enhanced ethanol gas sensing performance. <i>RSC Advances</i> , 2016 , 6, 101626-101637	3.7	19
26	A metal-organic framework-derived bifunctional oxygen electrocatalyst. <i>Nature Energy</i> , 2016 , 1,	62.3	1622
25	Porous tungsten trioxide nanolamellae with uniform structures for high-performance ethanol sensing. <i>CrystEngComm</i> , 2016 , 18, 8411-8418	3.3	22
24	A graphene oxide/amidoxime hydrogel for enhanced uranium capture. <i>Scientific Reports</i> , 2016 , 6, 19367	4.9	99
23	Three-dimensional hierarchical Co ₃ O ₄ nano/micro-architecture: synthesis and ethanol sensing properties. <i>CrystEngComm</i> , 2016 , 18, 5728-5735	3.3	25
22	Synthesis of hybrid zinc/silyl acrylate copolymers and their surface properties in the microfouling stage. <i>RSC Advances</i> , 2016 , 6, 13858-13866	3.7	16
21	Polypyrrole/cobalt ferrite/multiwalled carbon nanotubes as an adsorbent for removing uranium ions from aqueous solutions. <i>Dalton Transactions</i> , 2016 , 45, 9166-73	4.3	26
20	Nickel-Cobalt Layered Double Hydroxide Nanowires on Three Dimensional Graphene Nickel Foam for High Performance Asymmetric Supercapacitors. <i>Electrochimica Acta</i> , 2016 , 215, 492-499	6.7	93
19	Fabrication of super slippery sheet-layered and porous anodic aluminium oxide surfaces and its anticorrosion property. <i>Applied Surface Science</i> , 2015 , 355, 495-501	6.7	46
18	Facile synthesis of magnetic carboxymethylcellulose nanocarriers for pH-responsive delivery of doxorubicin. <i>New Journal of Chemistry</i> , 2015 , 39, 7340-7347	3.6	29
17	The growth and assembly of the multidimensional hierarchical Ni ₃ S ₂ for aqueous asymmetric supercapacitors. <i>CrystEngComm</i> , 2015 , 17, 4495-4501	3.3	40
16	Preparation of magnetic core-shell iron oxide@silica@nickel-ethylene glycol microspheres for highly efficient sorption of uranium(VI). <i>Dalton Transactions</i> , 2015 , 44, 6909-17	4.3	27
15	Removal of uranium(VI) ions from aqueous solution by magnetic cobalt ferrite/multiwalled carbon nanotubes composites. <i>Chemical Engineering Journal</i> , 2015 , 273, 307-315	14.7	130
14	Fabrication of urchin-like NiCo ₂ (CO ₃) _{1.5} (OH) ₃ @NiCo ₂ S ₄ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13308-13316	13	77

13	Flexible all-solid-state hierarchical NiCo ₂ O ₄ /porous graphene paper asymmetric supercapacitors with an exceptional combination of electrochemical properties. <i>Nano Energy</i> , 2015 , 13, 306-317	17.1	265
12	Synthesis, characterization and enhanced gas sensing performance of porous ZnCo ₂ O ₄ nano/microspheres. <i>Nanoscale</i> , 2015 , 7, 19714-21	7.7	63
11	Preparation of magnetic calcium silicate hydrate for the efficient removal of uranium from aqueous systems. <i>RSC Advances</i> , 2015 , 5, 5904-5912	3.7	20
10	The synthesis of a manganese dioxide/iron oxide/graphene magnetic nanocomposite for enhanced uranium(VI) removal. <i>New Journal of Chemistry</i> , 2015 , 39, 868-876	3.6	67
9	Enhanced adsorption of uranium (VI) using a three-dimensional layered double hydroxide/graphene hybrid material. <i>Chemical Engineering Journal</i> , 2015 , 259, 752-760	14.7	189
8	Synthesis of ZnO@g Hybrids and Their Gas-Sensing Performance toward Ethanol. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 8947-8953	3.9	63
7	Interconnected NiS nanosheets supported by nickel foam: Soaking fabrication and supercapacitors application. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 739, 156-163	4.1	129
6	One-step method for the fabrication of superhydrophobic surface on magnesium alloy and its corrosion protection, antifouling performance. <i>Corrosion Science</i> , 2014 , 80, 177-183	6.8	144
5	Uranium(VI) adsorption on alumina hollow microspheres synthesized via a facile self-templating process. <i>RSC Advances</i> , 2013 , 3, 6621	3.7	7
4	Removal of uranium(VI) from aqueous solutions by surface modified magnetic Fe ₃ O ₄ particles. <i>New Journal of Chemistry</i> , 2013 , 37, 3914	3.6	33
3	High U(VI) adsorption capacity by mesoporous Mg(OH) ₂ deriving from MgO hydrolysis. <i>RSC Advances</i> , 2013 , 3, 23278	3.7	58
2	Removal of uranium(VI) from aqueous solutions by magnetic Schiff base: Kinetic and thermodynamic investigation. <i>Chemical Engineering Journal</i> , 2012 , 198-199, 412-419	14.7	135
1	Monodisperse and core-shell structured NaYF ₄ :Ln@SiO ₂ (Ln=Yb/Er, Yb/Tm) microspheres: Synthesis and characterization. <i>Journal of Alloys and Compounds</i> , 2010 , 490, 684-689	5.7	27