

# Rumin Li

## List of Publications by Year in descending order

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69  
papers

3,341  
citations

109137

35  
h-index

149479

56  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial growth of a metal-organic framework (UiO-66) on functionalized graphene oxide (GO) as a suitable seawater adsorbent for extraction of uranium( $U^{VI}$ ). Journal of Materials Chemistry A, 2017, 5, 17933-17942.	5.2	253
2	Fabrication of ZIF-8@SiO <sub>2</sub> 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
3	Preparation of Fe <sub>3</sub> O <sub>4</sub> @C@Layered Double Hydroxide Composite for Magnetic Separation of Uranium. Industrial & Engineering Chemistry Research, 2013, 52, 10152-10159.	1.8	140
4	A graphene oxide/amidoxime hydrogel for enhanced uranium capture. Scientific Reports, 2016, 6, 19367.	1.6	128
5	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
6	Hierarchical FeCo <sub>2</sub> O <sub>4</sub> @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
7	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. Chemical Engineering Journal, 2020, 382, 122850.	6.6	117
8	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
9	Ni-Mn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium( $U^{VI}$ ) removal. Environmental Science: Nano, 2018, 5, 467-475.	2.2	77
10	Facile fabrication and electrochemical performance of flower-like Fe <sub>3</sub> O <sub>4</sub> @C@layered double hydroxide (LDH) composite. Journal of Materials Chemistry A, 2014, 2, 8758-8765.	5.2	75
11	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
12	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
13	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
14	Anti-Biofouling and Water-Resistant 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
15	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
16	Recovery of uranium( $U^{VI}$ ) from aqueous solutions using a modified honeycomb-like porous carbon material. Dalton Transactions, 2017, 46, 420-429.	1.6	68
17	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. Journal of Hazardous Materials, 2020, 381, 120984.	6.5	67
18	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

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19	P <sub>4</sub> heterojunction CuO/CuCo <sub>2</sub> O <sub>4</sub> 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
20	Water-repellent and corrosion-resistance properties of superhydrophobic and lubricant-infused super slippery surfaces. <i>RSC Advances</i> , 2017, 7, 44239-44246.	1.7	56
21	Superaerophobic Quaternary Ni-Co-S-P Nanoparticles for Efficient Overall Water-Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14639-14646.	3.2	56
22	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
23	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.	1.4	51
24	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.	3.1	49
25	Surface hybridization of ÷-conjugate structure cyclized polyacrylonitrile and radial microsphere shaped TiO <sub>2</sub> for reducing U(VI) to U(IV). <i>Journal of Hazardous Materials</i> , 2021, 416, 125812.	6.5	49
26	Biosorption characteristics of Uranium (VI) from aqueous solution by pollen pini. <i>Journal of Environmental Radioactivity</i> , 2015, 150, 93-98.	0.9	47
27	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
28	Efficient removal of uranium(VI) from simulated seawater using amidoximated polyacrylonitrile/FeOOH composites. <i>Dalton Transactions</i> , 2017, 46, 15746-15756.	1.6	44
29	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
30	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. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 691-699.	5.0	41
31	Biodegradable Nanocatalyst with Self-Supplying Fenton-like Ions and H <sub>2</sub> O <sub>2</sub> for Catalytic Cascade-Amplified Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 50760-50773.	4.0	41
32	Core-shell structured Gd <sub>2</sub> O <sub>3</sub> :Ln@mSiO <sub>2</sub> hollow nanospheres: synthesis, photoluminescence and drug release properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2127-2135.	2.9	40
33	Hierarchical porous CNTs@NCS@MnO <sub>2</sub> composites: rational design and high asymmetric supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15642-15649.	5.2	39
34	Efficient removal of U(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO <sub>2</sub> coated magnetic microspheres. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1321-1328.	3.0	39
35	Removal of uranium(VI) from aqueous solutions by surface modified magnetic Fe <sub>3</sub> O <sub>4</sub> particles. <i>New Journal of Chemistry</i> , 2013, 37, 3914.	1.4	37
36	Uranium extraction using a magnetic CoFe <sub>2</sub> O <sub>4</sub> @graphene nanocomposite: kinetics and thermodynamics studies. <i>New Journal of Chemistry</i> , 2015, 39, 2832-2838.	1.4	36

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37	Melamine modified graphene hydrogels for the removal of uranium( $U(VI)$ ) from aqueous solution. <i>New Journal of Chemistry</i> , 2017, 41, 10899-10907.	1.4	36
38	Tube in tube $ZnO/ZnCo_2O_4$ nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. <i>RSC Advances</i> , 2017, 7, 11428-11438.	1.7	35
39	Polyethyleneimine-functionalized <i>Luffa cylindrica</i> for efficient uranium extraction. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 538-546.	5.0	35
40	Rationally designed $CuCo_2O_4@Ni(OH)_2$ with 3D hierarchical core-shell structure for flexible energy storage. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 76-83.	5.0	35
41	Facile synthesis of magnetic carboxymethylcellulose nanocarriers for pH-responsive delivery of doxorubicin. <i>New Journal of Chemistry</i> , 2015, 39, 7340-7347.	1.4	34
42	Polypyrrole/cobalt ferrite/multiwalled carbon nanotubes as an adsorbent for removing uranium ions from aqueous solutions. <i>Dalton Transactions</i> , 2016, 45, 9166-9173.	1.6	31
43	Multifunctional Theranostic Nanoplatfom Based on $Fe-mTa_2O_5@CuS-ZnPc/PCM$ for Bimodal Imaging and Synergistically Enhanced Phototherapy. <i>Inorganic Chemistry</i> , 2018, 57, 4864-4876.	1.9	27
44	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
45	Facile synthesis and multicolor luminescent properties of uniform $Lu_2O_3:Ln$ ( $Ln=Eu^{3+}, Tb^{3+}, Yb^{3+}/Er^{3+}$ ). <i>TJ ETQq1_1_0.784314 rgBT</i> 26	5.0	26
46	Controllable synthesis of nanostructured $TiO_2$ by CTAB-assisted hydrothermal route. <i>New Journal of Chemistry</i> , 2014, 38, 4684-4689.	1.4	25
47	Synthesis, characterization and performance of ternary doped $Cu-Ce-B/TiO_2$ nanotubes on the photocatalytic removal of nitrogen oxides. <i>New Journal of Chemistry</i> , 2015, 39, 6854-6863.	1.4	21
48	Synthesis of ketoxime-functionalized $Fe_3O_4@C$ core-shell magnetic microspheres for enhanced uranium( $U(VI)$ ) removal. <i>RSC Advances</i> , 2016, 6, 22179-22186.	1.7	21
49	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.	1.4	21
50	Functionalized Sugarcane Bagasse for $U(VI)$ Adsorption from Acid and Alkaline Conditions. <i>Scientific Reports</i> , 2018, 8, 793.	1.6	21
51	HFIP-Functionalized $Co_3O_4$ Micro-Nano-Octahedra/rGO as a Double-Layer Sensing Material for Chemical Warfare Agents. <i>Chemistry - A European Journal</i> , 2019, 25, 11892-11902.	1.7	21
52	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium( $U(VI)$ ) capture. <i>Environmental Science: Nano</i> , 2018, 5, 1584-1594.	2.2	18
53	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.	1.4	17
54	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

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55	Application of Chemical Doping and Architectural Design Principles To Fabricate Nanowire Co <sub>2</sub> Ni <sub>3</sub> ZnO <sub>8</sub> Arrays for Aqueous Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 20157-20167.	4.0	16
56	In situ growth of ZnO nanorod arrays on cotton cloth for the removal of uranium( <sup>vi</sup> ). RSC Advances, 2015, 5, 53433-53440.	1.7	15
57	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
58	Ionic liquid combined with NiCo <sub>2</sub> O <sub>4</sub> /rGO enhances electrochemical oxygen sensing. Talanta, 2020, 209, 120515.	2.9	15
59	Enhancing adsorption of U(VI) onto EDTA modified <i>L. cylindrica</i> using epichlorohydrin and ethylenediamine as a bridge. Scientific Reports, 2017, 7, 44156.	1.6	12
60	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
61	Magnesium carbonate basic coating on cotton cloth as a novel adsorbent for the removal of uranium. RSC Advances, 2015, 5, 23144-23151.	1.7	9
62	MOF-derived electrochemical catalyst Cu <sup>N</sup> /C for the enhancement of amperometric oxygen detection. Nanoscale, 2022, 14, 1796-1806.	2.8	8
63	Fabrication and markedly enhanced white up-conversion emission of core-shell structured NaGdF <sub>4</sub> :Tm <sup>3+</sup> /Yb <sup>3+</sup> /Ho <sup>3+</sup> @SiO <sub>2</sub> . New Journal of Chemistry, 2014, 38, 611-615.	1.4	7
64	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in LiCl-KCl-U <sub>3</sub> O <sub>8</sub> at 773K. ChemElectroChem, 2018, 5, 2738-2746.	1.7	7
65	Facile preparation and fluorescence enhancement of yolk-like Ag@Y <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> ,Tm <sup>3+</sup> hollow structured composite. RSC Advances, 2014, 4, 6696.	1.7	6
66	Rational design of sandwich-like exfoliated nickel hydroxide-carbon nanotubes as a novel electrode for supercapacitors. RSC Advances, 2016, 6, 70999-71005.	1.7	4
67	Impact of addition sheet-like cobalt in ionic liquids mixture to detect oxygen. Talanta, 2017, 172, 182-185.	2.9	3
68	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in LiCl-KCl-U <sub>3</sub> O <sub>8</sub> at 773K. ChemElectroChem, 2018, 5, 2697-2697.	1.7	1
69	Design of multifunctional phytate coated magnetic composites for combined therapy with antitumor drugs. New Journal of Chemistry, 2017, 41, 14898-14905.	1.4	0