

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
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71
all docs

71
docs citations

71
times ranked

3476
citing authors

#	ARTICLE	IF	CITATIONS
1	MOF-derived electrochemical catalyst Cu@N/C for the enhancement of amperometric oxygen detection. <i>Nanoscale</i> , 2022, 14, 1796-1806.	2.8	8
2	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
3	Surface hybridization of β -conjugate structure cyclized polyacrylonitrile and radial microsphere shaped TiO ₂ for reducing U(VI) to U(IV). <i>Journal of Hazardous Materials</i> , 2021, 416, 125812.	6.5	49
4	Biodegradable Nanocatalyst with Self-Supplying Fenton-like Ions and H ₂ O ₂ for Catalytic Cascade-Amplified Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50760-50773.	4.0	41
5	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
6	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
7	Ionic liquid combined with NiCo ₂ O ₄ /rGO enhances electrochemical oxygen sensing. <i>Talanta</i> , 2020, 209, 120515.	2.9	15
8	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
9	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
10	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
11	HFIP-Functionalized Co ₃ O 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
12	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
13	Rationally designed CuCo ₂ O 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
14	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
15	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. <i>ChemistrySelect</i> , 2019, 4, 5437-5458.	0.7	15
16	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
17	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
18	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

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19	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
20	Multifunctional Theranostic Nanoplatform Based on Fe_3O_4 @ CuS - ZnPc /PCM for Bimodal Imaging and Synergistically Enhanced Phototherapy. <i>Inorganic Chemistry</i> , 2018, 57, 4864-4876.	1.9	27
21	Functionalized Sugarcane Bagasse for U(VI) Adsorption from Acid and Alkaline Conditions. <i>Scientific Reports</i> , 2018, 8, 793.	1.6	21
22	Ni^{II} -Mn 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.	2.2	77
23	High efficiency extraction of U(VI) from seawater by incorporation of polyethylenimine, polyacrylic acid hydrogel and <i>Luffa cylindrica</i> fibers. <i>Chemical Engineering Journal</i> , 2018, 345, 526-535.	6.6	71
24	Polyethylenimine-functionalized <i>Luffa cylindrica</i> for efficient uranium extraction. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 538-546.	5.0	35
25	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
26	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
27	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
28	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in $\text{LiCl-KCl-U}_3\text{O}_8$ at 773 K. <i>ChemElectroChem</i> , 2018, 5, 2697-2697.	1.7	1
29	Hierarchical FeCo_2O_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
30	Hierarchical Ni^{II} -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
31	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
32	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in $\text{LiCl-KCl-U}_3\text{O}_8$ at 773 K. <i>ChemElectroChem</i> , 2018, 5, 2738-2746.	1.7	7
33	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
34	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
35	Tube in tube $\text{ZnO/ZnCo}_2\text{O}_4$ nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. <i>RSC Advances</i> , 2017, 7, 11428-11438.	1.7	35
36	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

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37	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
38	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
39	Impact of addition sheet-like cobalt in ionic liquids mixture to detect oxygen. <i>Talanta</i> , 2017, 172, 182-185.	2.9	3
40	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
41	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
42	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
43	Efficient removal of uranium(^{vi}) from simulated seawater using amidoximated polyacrylonitrile/FeOOH composites. <i>Dalton Transactions</i> , 2017, 46, 15746-15756.	1.6	44
44	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
45	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
46	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.	5.2	253
47	Melamine modified graphene hydrogels for the removal of uranium(^{vi}) from aqueous solution. <i>New Journal of Chemistry</i> , 2017, 41, 10899-10907.	1.4	36
48	Design of multifunctional phytate coated magnetic composites for combined therapy with antitumor drugs. <i>New Journal of Chemistry</i> , 2017, 41, 14898-14905.	1.4	0
49	Recovery of uranium(^{vi}) from aqueous solutions using a modified honeycomb-like porous carbon material. <i>Dalton Transactions</i> , 2017, 46, 420-429.	1.6	68
50	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
51	Application of Chemical Doping and Architectural Design Principles To Fabricate Nanowire Co ₂ Ni ₃ ZnO ₈ Arrays for Aqueous Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20157-20167.	4.0	16
52	Rational design of sandwich-like exfoliated nickel hydroxide-carbon nanotubes as a novel electrode for supercapacitors. <i>RSC Advances</i> , 2016, 6, 70999-71005.	1.7	4
53	A graphene oxide/amidoxime hydrogel for enhanced uranium capture. <i>Scientific Reports</i> , 2016, 6, 19367.	1.6	128
54	Synthesis of ketoxime-functionalized Fe ₃ O ₄ @C core-shell magnetic microspheres for enhanced uranium(^{vi}) removal. <i>RSC Advances</i> , 2016, 6, 22179-22186.	1.7	21

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55	In situ growth of ZnO nanorod arrays on cotton cloth for the removal of uranium(U^{VI}). RSC Advances, 2015, 5, 53433-53440.	1.7	15
56	Synthesis, characterization and performance of ternary doped $\text{Cu}^{II}\text{Ce}^{III}\text{B}/\text{TiO}_2$ nanotubes on the photocatalytic removal of nitrogen oxides. New Journal of Chemistry, 2015, 39, 6854-6863.	1.4	21
57	Hierarchical porous CNTs@NCS@ MnO_2 composites: rational design and high asymmetric supercapacitor performance. Journal of Materials Chemistry A, 2015, 3, 15642-15649.	5.2	39
58	Facile synthesis of magnetic carboxymethylcellulose nanocarriers for pH-responsive delivery of doxorubicin. New Journal of Chemistry, 2015, 39, 7340-7347.	1.4	34
59	Uranium extraction using a magnetic CoFe_2O_4 @graphene nanocomposite: kinetics and thermodynamics studies. New Journal of Chemistry, 2015, 39, 2832-2838.	1.4	36
60	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
61	Biosorption characteristics of Uranium (VI) from aqueous solution by pollen pini. Journal of Environmental Radioactivity, 2015, 150, 93-98.	0.9	47
62	Facile fabrication and electrochemical performance of flower-like Fe_3O_4 @C@layered double hydroxide (LDH) composite. Journal of Materials Chemistry A, 2014, 2, 8758-8765.	5.2	75
63	Facile preparation and fluorescence enhancement of yolk-like $\text{Ag}@\text{Y}_2\text{O}_3:\text{Yb}^{3+}, \text{Tm}^{3+}$ hollow structured composite. RSC Advances, 2014, 4, 6696.	1.7	6
64	Core-shell structured $\text{Gd}_2\text{O}_3:\text{Ln}@\text{mSiO}_2$ hollow nanospheres: synthesis, photoluminescence and drug release properties. Journal of Materials Chemistry B, 2014, 2, 2127-2135.	2.9	40
65	Fabrication and markedly enhanced white up-conversion emission of core-shell structured $\text{NaGdF}_4:\text{Tm}^{3+}/\text{Yb}^{3+}/\text{Ho}^{3+}@\text{SiO}_2$. New Journal of Chemistry, 2014, 38, 611-615.	1.4	7
66	Controllable synthesis of nanostructured TiO_2 by CTAB-assisted hydrothermal route. New Journal of Chemistry, 2014, 38, 4684-4689.	1.4	25
67	Preparation of Fe_3O_4 @C@Layered Double Hydroxide Composite for Magnetic Separation of Uranium. Industrial & Engineering Chemistry Research, 2013, 52, 10152-10159.	1.8	140
68	Removal of uranium(vi) from aqueous solutions by surface modified magnetic Fe_3O_4 particles. New Journal of Chemistry, 2013, 37, 3914.	1.4	37
69	Facile synthesis and multicolor luminescent properties of uniform $\text{Lu}_2\text{O}_3:\text{Ln}$ ($\text{Ln}=\text{Eu}^{3+}, \text{Tb}^{3+}, \text{Yb}^{3+}/\text{Er}^{3+}$). Tj ETQq1_1_0.784314 rgBT /O	1.4	26