

Wei-Qun Shi

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.

319
papers

9,319
citations

49
h-index

81
g-index

359
ext. papers

11,504
ext. citations

5.7
avg, IF

6.49
L-index

#	Paper	IF	Citations
319	Two-dimensional transition metal carbide/nitride (MXene)-based nanomaterials for removal of toxic/radioactive metal ions from wastewater 2022 , 161-194		
318	Electrochemical extraction kinetics of Nd on reactive electrodes. <i>Separation and Purification Technology</i> , 2022 , 281, 119853	8.3	3
317	Technetium-99 decontamination from radioactive wastewater by modified bentonite: batch, column experiment and mechanism investigation. <i>Chemical Engineering Journal</i> , 2022 , 428, 131333	14.7	2
316	Carbone Derivatives of Group 14: A Class of Important Reactive Intermediates. <i>Acta Chimica Sinica</i> , 2022 , 80, 373	3.3	
315	Molecular Dynamics Simulations of Metal Electrode/Molten LiCl-KCl-UCl ₃ Mixtures Interface. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 032503	3.9	0
314	A novel CPE procedure by oil-in-water microemulsion for preconcentrating and analyzing thorium and uranium. <i>Radiochimica Acta</i> , 2022 , 110, 239-249	1.9	0
313	Separation of Uranium from Lanthanides (La, Sm) with Sacrificial Li Anode in LiCl-KCl Eutectic Salt. <i>Separation and Purification Technology</i> , 2022 , 121025	8.3	0
312	Theoretical study on the extraction behaviors of MoO ₂ ²⁺ with organophosphorous extractants. <i>Journal of Molecular Liquids</i> , 2022 , 355, 118969	6	1
311	Controllable photomechanical bending of metal-organic rotaxane crystals facilitated by regioselective confined-space photodimerization.. <i>Nature Communications</i> , 2022 , 13, 2030	17.4	3
310	Graphene oxide/chitosan/potassium copper hexacyanoferrate(II) composite aerogel for efficient removal of cesium. <i>Chemical Engineering Journal</i> , 2022 , 136397	14.7	2
309	Theoretical probing of twenty-coordinate actinide-centered boron molecular drums. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 26967-26973	3.6	2
308	The influence of F ⁻ on the electrochemical behavior and coordination properties of uranium in LiCl-KCl molten salt. <i>Electrochimica Acta</i> , 2021 , 139573	6.7	1
307	Recent Progress on Chemical Species of Uranium in Molten Chlorides. <i>Acta Chimica Sinica</i> , 2021 , 79, 1425,3		
306	Theoretical insights into the possible applications of amidoxime-based adsorbents in neptunium and plutonium separation. <i>Dalton Transactions</i> , 2021 , 50, 15576-15584	4.3	0
305	Theoretical Insights into the Separation of Am(III)/Eu(III) by Hydrophilic Sulfonated Ligands. <i>Inorganic Chemistry</i> , 2021 , 60, 16409-16419	5.1	2
304	Thorium(IV) adsorption onto multilayered TiCT MXene: a batch, X-ray diffraction and EXAFS combined study. <i>Journal of Synchrotron Radiation</i> , 2021 , 28, 1709-1719	2.4	0
303	Potassium Ions Induced Framework Interpenetration for Enhancing the Stability of Uranium-Based Porphyrin MOF with Visible-Light-Driven Photocatalytic Activity. <i>Inorganic Chemistry</i> , 2021 , 60, 651-659	5.1	12

302	Kinetic Properties and Electrochemical Separation of Uranium on Liquid Bismuth Electrode in LiCl-KCl Melt. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 032503	3.9	2
301	Substituent Effect on the Selective Separation and Complexation of Trivalent Americium and Lanthanides by N,O-Hybrid 2,9-Diamide-1,10-phenanthroline Ligands in Ionic Liquid. <i>Inorganic Chemistry</i> , 2021 , 60, 5131-5139	5.1	2
300	Highly efficient adsorption and immobilization of U(VI) from aqueous solution by alkalized MXene-supported nanoscale zero-valent iron. <i>Journal of Hazardous Materials</i> , 2021 , 408, 124949	12.8	33
299	Theoretical Insights into the Actinide-Boron Bonding Nature and Stability of a Series of Actinide Complexes with Different Oxidation States. <i>Organometallics</i> , 2021 , 40, 1719-1727	3.8	2
298	Temperature-Triggered Structural Dynamics of Non-Coordinating Guest Moieties in a Fluorescent Actinide Polyrotaxane Framework. <i>Chemistry - A European Journal</i> , 2021 , 27, 8730-8736	4.8	3
297	Electro-separation of uranium from lanthanides (La, Ce, Pr, Nd and Sm) on liquid gallium electrode. <i>Separation and Purification Technology</i> , 2021 , 265, 118524	8.3	8
296	Electrodeposition Mechanism of La ³⁺ on Al, Ga and Al-Ga Alloy Cathodes in LiCl-KCl Eutectic Salt. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 062511	3.9	3
295	Strong Periodic Tendency of Trivalent Lanthanides Coordinated with a Phenanthroline-Based Ligand: Cascade Countercurrent Extraction, Spectroscopy, and Crystallography. <i>Inorganic Chemistry</i> , 2021 , 60, 9745-9756	5.1	3
294	An Azobenzene-Modified Photoresponsive Thorium-Organic Framework: Monitoring and Quantitative Analysis of Reversible Photoisomerization. <i>Inorganic Chemistry</i> , 2021 , 60, 8519-8529	5.1	4
293	Facile Access to Uranium and Thorium Phosphaethynolate Complexes Supported by Tren: Experimental and Theoretical Study. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2125-2131	4.9	1
292	Radiation-induced surface modification of silanized silica with n-alkyl-imidazolium ionic liquids and their applications for the removal of ReO ₄ ⁻ as an analogue for TcO ₄ ⁻ . <i>Applied Surface Science</i> , 2021 , 551, 149406	6.7	10
291	Proximity Effect in Uranyl Coordination of the Cucurbit[6]uril-Bipyridinium Pseudorotaxane Ligand for Promoting Host-Guest Synergistic Chelating. <i>Inorganic Chemistry</i> , 2021 , 60, 10522-10534	5.1	1
290	Theoretical Insights into the Reduction Mechanism of Np(VI) with Phenylhydrazine. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 6180-6188	2.8	0
289	Theoretical Insights into Transplutonium Element Separation with Electronically Modulated Phenanthroline-Derived Bis-Triazine Ligands. <i>Inorganic Chemistry</i> , 2021 , 60, 10267-10279	5.1	2
288	Construction of Hybrid Bimetallic Uranyl Compounds Based on a Preassembled Terpyridine Metalloligand. <i>Chemistry - A European Journal</i> , 2021 , 27, 2124-2130	4.8	9
287	Hydrophilic Sulfonated 2,9-Diamide-1,10-phenanthroline Endowed with a Highly Effective Ligand for Separation of Americium(III) from Europium(III): Extraction, Spectroscopy, and Density Functional Theory Calculations. <i>Inorganic Chemistry</i> , 2021 , 60, 357-365	5.1	11
286	Robust covalent organic frameworks with tailor-made chelating sites for synergistic capture of U(VI) ions from highly acidic radioactive waste. <i>Dalton Transactions</i> , 2021 , 50, 3792-3796	4.3	2
285	Coordination-driven assembly of actinide-organic polyrotaxanes involving crown ether macrocycles. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3686-3694	5.2	0

284	Controlling the secondary assembly of porous anionic uranyl-organic polyhedra through organic cationic templates. <i>Dalton Transactions</i> , 2021 , 50, 4499-4503	4.3	1
283	Theoretical prediction of chiral actinide endohedral borospherenes. <i>New Journal of Chemistry</i> , 2021 , 45, 6803-6810	3.6	1
282	Uranyl-catalyzed hydrosilylation of α -quinone methides: access to diarylmethane derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1575-1579	3.9	1
281	Liquid Electrodes for An/Ln Separation in Pyroprocessing. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 032507	3.9	1
280	Carboxylated UiO-66 Tailored for U(VI) and Eu(III) Trapping: From Batch Adsorption to Dynamic Column Separation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16300-16308	9.5	20
279	Double-Layer Nitrogen-Rich Two-Dimensional Anionic Uranyl-Organic Framework for Cation Dye Capture and Catalytic Fixation of Carbon Dioxide. <i>Inorganic Chemistry</i> , 2021 , 60, 11485-11495	5.1	2
278	Competitive Coordination of Chloride and Fluoride Anions Towards Trivalent Lanthanide Cations (La and Nd) in Molten Salts. <i>Chemistry - A European Journal</i> , 2021 , 27, 11721-11729	4.8	0
277	Stepwise Assembly of a Multicomponent Heterometallic Metal-Organic Framework via Th-Based Metalloligands. <i>Inorganic Chemistry</i> , 2021 , 60, 14535-14539	5.1	1
276	Way to Enforce Selectivity via Steric Hindrance: Improvement of Am(III)/Eu(III) Solvent Extraction by Loaded Diphosphonic Acid Esters. <i>Inorganic Chemistry</i> , 2021 , 60, 14563-14581	5.1	3
275	Hydrolytically stable foamed HKUST-1@CMC composites realize high-efficient separation of U(VI). <i>IScience</i> , 2021 , 24, 102982	6.1	1
274	Photocatalytic reduction of uranium(VI) under visible light with 2D/1D Ti ₃ C ₂ /CdS. <i>Chemical Engineering Journal</i> , 2021 , 420, 129831	14.7	22
273	Theoretical insights into the substitution effect of phenanthroline derivative ligands on the extraction of Mo (VI). <i>Separation and Purification Technology</i> , 2021 , 280, 119817	8.3	2
272	In-situ anodic precipitation process for highly efficient separation of aluminum alloys. <i>Nature Communications</i> , 2021 , 12, 5777	17.4	5
271	The dendrite growth, morphology control and deposition properties of uranium electrorefining. <i>Journal of Nuclear Materials</i> , 2021 , 555, 153110	3.3	2
270	Selective separation between UO ₂ ²⁺ and Pu ⁴⁺ by novel tetradentate chelate phenanthroline diamide ligand in 1-octanol. <i>Separation and Purification Technology</i> , 2021 , 277, 119521	8.3	3
269	Enhancing the Am/Cm separation ability by weakening the binding affinity of N donor atoms: a comparative theoretical study of N, O combined extractants. <i>Dalton Transactions</i> , 2021 , 50, 3559-3567	4.3	3
268	High-Temperature Synthesis of a Uranyl Peroxo Complex Facilitated by Hydrothermally In Situ Formed Organic Peroxide. <i>Inorganic Chemistry</i> , 2021 , 60, 2133-2137	5.1	2
267	Rational Design of a Tripodal Ligand for U(IV): Synthesis and Characterization of a UO ₂ Species and Insights into Its Reactivity. <i>Organometallics</i> , 2020 , 39, 4069-4077	3.8	5

266	Molecular Spring-like Triple-Helix Coordination Polymers as Dual-Stress and Thermally Responsive Crystalline Metal-Organic Materials. <i>Angewandte Chemie</i> , 2020 , 132, 16195-16202	3.6	1
265	Application of Binary Ga-Al Alloy Cathode in U Separation from Ce: The Possibility in Pyroprocessing of Spent Nuclear Fuel. <i>Electrochimica Acta</i> , 2020 , 353, 136449	6.7	15
264	Enhanced photocatalytic reduction of aqueous Re(VII) in ambient air by amorphous TiO ₂ /g-C ₃ N ₄ photocatalysts: Implications for Tc(VII) elimination. <i>Chemical Engineering Journal</i> , 2020 , 401, 125977	14.7	17
263	Aryl Diazonium-Assisted Amidoximation of MXene for Boosting Water Stability and Uranyl Sequestration via Electrochemical Sorption. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15579-15587	8.5	40
262	Kinked-Helix Actinide Polyrotaxanes from Weakly Bound Pseudorotaxane Linkers with Variable Conformations. <i>Inorganic Chemistry</i> , 2020 , 59, 4058-4067	5.1	10
261	Performance and Mechanism for the Selective Separation of Trivalent Americium from Lanthanides by a Tetradentate Phenanthroline Ligand in Ionic Liquid. <i>Inorganic Chemistry</i> , 2020 , 59, 3905-3911	5.1	12
260	A simple and effective separation of UO ₂ and Ln ₂ O ₃ assisted by NH ₄ Cl in LiCl-KCl eutectic. <i>Journal of Nuclear Materials</i> , 2020 , 532, 152049	3.3	1
259	Theoretical insights into selective separation of trivalent actinide and lanthanide by ester and amide ligands based on phenanthroline skeleton. <i>Dalton Transactions</i> , 2020 , 49, 4093-4099	4.3	21
258	Rational Construction of Porous Metal-Organic Frameworks for Uranium(VI) Extraction: The Strong Periodic Tendency with a Metal Node. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 14087-14094	9.5	25
257	Layered structure-based materials: challenges and opportunities for radionuclide sequestration. <i>Environmental Science: Nano</i> , 2020 , 7, 724-752	7.1	26
256	Theoretical Insights into Modification of Nitrogen-Donor Ligands to Improve Performance on Am(III)/Eu(III) Separation. <i>Inorganic Chemistry</i> , 2020 , 59, 3221-3231	5.1	14
255	Radiation-Induced Self-Assembly of Ti ₃ C ₂ T _x with Improved Electrochemical Performance for Supercapacitor. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901839	4.6	10
254	Photocatalytic reduction of uranium(VI) by magnetic ZnFe ₂ O ₄ under visible light. <i>Applied Catalysis B: Environmental</i> , 2020 , 267, 118688	21.8	85
253	Theoretical Study on the Reduction Mechanism of Np(VI) by Hydrazine Derivatives. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 3720-3729	2.8	1
252	Thermodynamics and Kinetics Properties of Lanthanides (La, Ce, Pr, Nd) on Liquid Bismuth Electrode in LiCl-KCl Molten Salt. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 122507	3.9	15
251	A new family of actinide sorbents with more open porous structure: Fibrous functionalized silica microspheres. <i>Chemical Engineering Journal</i> , 2020 , 385, 123892	14.7	11
250	A mixed-ligand strategy regulates thorium-based MOFs. <i>Dalton Transactions</i> , 2020 , 49, 983-987	4.3	18
249	Noncomplexed Cucurbituril-Mediated Structural Evolution of Layered Uranyl Terephthalate Compounds. <i>Inorganic Chemistry</i> , 2020 , 59, 943-955	5.1	5

248	Coordination behavior of uranyl with PDAM derivatives in solution: Combined study with ESI-MS and DFT. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112287	6	3
247	Quantum chemical studies of selective back-extraction of Am(III) from Eu(III) and Cm(III) with two hydrophilic 1,10-phenanthroline-2,9-bis-triazolyl ligands. <i>Radiochimica Acta</i> , 2020 , 108, 517-526	1.9	4
246	Complexation of trivalent lanthanides and actinides with diethylenetriaminepentaacetic acid: Theoretical unraveling of bond covalency. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112174	6	12
245	Visible-Light-Enabled C-H Functionalization by a Direct Hydrogen Atom Transfer Uranyl Photocatalyst. <i>Chemistry - A European Journal</i> , 2020 , 26, 16521-16529	4.8	16
244	Radiation Controllable Synthesis of Robust Covalent Organic Framework Conjugates for Efficient Dynamic Column Extraction of $^{99}\text{TcO}_4^-$. <i>Chem</i> , 2020 , 6, 2796-2809	16.2	35
243	Electronic structures and bonding of the actinide halides $\text{An}(\text{TREN})\text{X}$ (An = Th-Pu; X = F-I): a theoretical perspective. <i>Dalton Transactions</i> , 2020 , 49, 15895-15902	4.3	4
242	Uranium chemical species in LiCl-KCl eutectic under different conditions for the dissolution of U_3O_8 . <i>Journal of Nuclear Materials</i> , 2020 , 542, 152475	3.3	3
241	A New Preorganized Metalloligand Linker for the Construction of Luminescent Coordination Polymers. <i>Crystal Growth and Design</i> , 2020 , 20, 6966-6972	3.5	5
240	Theoretical Prediction of the Potential Applications of Phenanthroline Derivatives in Separation of Transplutonium Elements. <i>Inorganic Chemistry</i> , 2020 , 59, 11469-11480	5.1	10
239	Solar-Driven Nitrogen Fixation Catalyzed by Stable Radical-Containing MOFs: Improved Efficiency Induced by a Structural Transformation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20666-20671	16.4	35
238	Solar-Driven Nitrogen Fixation Catalyzed by Stable Radical-Containing MOFs: Improved Efficiency Induced by a Structural Transformation. <i>Angewandte Chemie</i> , 2020 , 132, 20847-20852	3.6	5
237	Actinide Separation Inspired by Self-Assembled Metal-Polyphenolic Nanocages. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16538-16545	16.4	23
236	Selective Separation and Coordination of Europium(III) and Americium(III) by Bisdiglycolamide Ligands: Solvent Extraction, Spectroscopy, and DFT Calculations. <i>Inorganic Chemistry</i> , 2020 , 59, 14218-14228	5.1	7
235	Hexadecylpyridinium (HDPy) modified bentonite for efficient and selective removal of ^{99}Tc from wastewater. <i>Chemical Engineering Journal</i> , 2020 , 382, 122894	14.7	14
234	Effective removal of U(VI) and Eu(III) by carboxyl functionalized MXene nanosheets. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122731	12.8	75
233	Molecular Spring-like Triple-Helix Coordination Polymers as Dual-Stress and Thermally Responsive Crystalline Metal-Organic Materials. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16061-16068	16.4	19
232	The Application of Low-Melting LiCl-KCl-CsCl Eutectic to Electrodeposit Uranium Metal. <i>Journal of the Electrochemical Society</i> , 2019 , 166, D606-D616	3.9	6
231	Separation of actinides from lanthanides associated with spent nuclear fuel reprocessing in China: current status and future perspectives. <i>Radiochimica Acta</i> , 2019 , 107, 951-964	1.9	8

230	Structural Diversity of Bipyridinium-Based Uranyl Coordination Polymers: Synthesis, Characterization, and Ion-Exchange Application. <i>Inorganic Chemistry</i> , 2019 , 58, 14075-14084	5.1	25
229	Theoretical study on stability, mechanical and thermodynamic properties of (Pu, Zr)N. <i>Journal of Nuclear Materials</i> , 2019 , 516, 264-270	3.3	3
228	Size-dependent toxicity of ThO nanoparticles to green algae <i>Chlorella pyrenoidosa</i> . <i>Aquatic Toxicology</i> , 2019 , 209, 113-120	5.1	23
227	Thermodynamic properties of praseodymium on the liquid cadmium electrode and evaluation of anodic dissolution behavior in LiCl-KCl eutectic. <i>Journal of Nuclear Materials</i> , 2019 , 523, 16-25	3.3	8
226	Modification of a Carbon Nanobelt with Actinides Th-Am: A Density Functional Theory Study. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 4900-4907	2.8	2
225	Synthesis of novel nanomaterials and their application in efficient removal of radionuclides. <i>Science China Chemistry</i> , 2019 , 62, 933-967	7.9	186
224	Metal-Carboxyl Helical Chain Secondary Units Supported Ion-Exchangeable Anionic Uranyl-Organic Framework. <i>Chemistry - A European Journal</i> , 2019 , 25, 10309-10313	4.8	11
223	Confirmation and elimination of cyclic electrolysis of uranium ions in molten salts. <i>Electrochemistry Communications</i> , 2019 , 103, 55-60	5.1	10
222	Preparation of Uranium-Molybdenum Alloys by Electrochemical Reduction of Solid Oxides in LiCl Molten Salt. <i>Journal of the Electrochemical Society</i> , 2019 , 166, D276-D282	3.9	7
221	Bipyridine-Directed Syntheses of Uranyl Compounds Containing Semirigid Dicarboxylate Linkers: Diversity and Consistency in Uranyl Speciation. <i>Inorganic Chemistry</i> , 2019 , 58, 6934-6945	5.1	16
220	A Theoretical Study on Divalent Heavier Group 14 Complexes as Promising Donor Ligands for Building Uranium-Metal Bonds. <i>Organometallics</i> , 2019 , 38, 1963-1972	3.8	9
219	Highly selective extraction of Pu (IV) and Am (III) by N,N'-diethyl-N,N'-ditolyl-2,9-diamide-1,10-phenanthroline ligand: An experimental and theoretical study. <i>Separation and Purification Technology</i> , 2019 , 223, 274-281	8.3	28
218	Effective Removal of Anionic Re(VII) by Surface-Modified TiCT MXene Nanocomposites: Implications for Tc(VII) Sequestration. <i>Environmental Science & Technology</i> , 2019 , 53, 3739-3747	10.3	94
217	Nanolayered Ti ₃ C ₂ and SrTiO ₃ Composites for Photocatalytic Reduction and Removal of Uranium(VI). <i>ACS Applied Nano Materials</i> , 2019 , 2, 2283-2294	5.6	69
216	Sorption of Eu(III) on MXene-derived titanate structures: The effect of nano-confined space. <i>Chemical Engineering Journal</i> , 2019 , 370, 1200-1209	14.7	54
215	Anion-adaptive crystalline cationic material for TcO trapping. <i>Nature Communications</i> , 2019 , 10, 1532	17.4	50
214	Adsorption of Eu(III) and Th(IV) on three-dimensional graphene-based macrostructure studied by spectroscopic investigation. <i>Environmental Pollution</i> , 2019 , 248, 82-89	9.3	34
213	Efficient thorium(IV) removal by two-dimensional Ti ₂ CT _x MXene from aqueous solution. <i>Chemical Engineering Journal</i> , 2019 , 366, 192-199	14.7	91

212	Uranyl Compounds Involving a Weakly Bonded Pseudorotaxane Linker: Combined Effect of pH and Competing Ligands on Uranyl Coordination and Speciation. <i>Inorganic Chemistry</i> , 2019 , 58, 3271-3282	5.1	17
211	In situ nitroso formation induced structural diversity of uranyl coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 775-785	6.8	12
210	Electrochemical Deposition of Erbium on a Binary Al-Zn Cathode. <i>Journal of the Electrochemical Society</i> , 2019 , 166, D569-D576	3.9	6
209	Efficient Photocatalytic Reduction of Aqueous Perrhenate and Pertechnetate. <i>Environmental Science & Technology</i> , 2019 , 53, 10917-10925	10.3	19
208	Interactions of phosphorylated cyclohexapeptides with uranyl: insights from experiments and theoretical calculations. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 322, 677-689	1.5	3
207	Coordination of Eu(III) with 1,10-Phenanthroline-2,9-dicarboxamide Derivatives: A Combined Study by MS, TRLIF, and DFT. <i>Inorganic Chemistry</i> , 2019 , 58, 10239-10247	5.1	25
206	Electrochemical behavior of Th(IV) on the bismuth electrode in LiCl/KCl eutectic. <i>Journal of Nuclear Materials</i> , 2019 , 523, 268-275	3.3	9
205	Co-reduction behaviors of Ce (III), Al (III) and Ga (III) on a W electrode: An exploration for liquid binary Al-Ga cathode. <i>Electrochimica Acta</i> , 2019 , 319, 869-877	6.7	12
204	Theoretical Insights into the Selective Extraction of Americium(III) over Europium(III) with Dithioamide-Based Ligands. <i>Inorganic Chemistry</i> , 2019 , 58, 10047-10056	5.1	23
203	Theoretical insights on the complexation of Am(III) and Cm(III) with amide-type ligands. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 322, 993-1002	1.5	9
202	Electrochemical behavior of praseodymium on the W and Al/Zn electrodes in LiCl/KCl eutectic: A comparison study. <i>Electrochimica Acta</i> , 2019 , 326, 134971	6.7	8
201	Electrochemical Behaviors of Eu (III) on the Liquid Binary Al-Ga Alloy Cathode. <i>Journal of the Electrochemical Society</i> , 2019 , 166, D882-D889	3.9	7
200	Alkalization Intercalation of MXene for Electrochemical Detection of Uranyl Ion. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2019 , 34, 85	1	7
199	A Tetra-amido-Protected Ge-Spiropentadiene. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19252-19256	26.1	256
198	Uranium Dendritic Morphology in the Electrorefining: Influences of Temperature and Current Density. <i>Journal of the Electrochemical Society</i> , 2018 , 165, D98-D106	3.9	8
197	Understanding Am/Cm separation with HTPAEN and its hydrophilic derivatives: a quantum chemical study. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 14031-14039	3.6	18
196	Insight into the Extraction Mechanism of Americium(III) over Europium(III) with Pyridylpyrazole: A Relativistic Quantum Chemistry Study. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4499-4507	2.8	23
195	Semirigid Tripodal Ligand Based Uranyl Coordination Polymer Isomers Featuring 2D Honeycomb Nets. <i>Inorganic Chemistry</i> , 2018 , 57, 4492-4501	5.1	22

194	Stepwise ortho Chlorination of Carboxyl Groups for Promoting Structure Variance of Heterometallic Uranyl-Silver Coordination Polymers of Isonicotinate. <i>Inorganic Chemistry</i> , 2018 , 57, 4673-4685	5.1	18
193	Complexation of U(VI) with diphenyldithiophosphinic acid: spectroscopy, structure and DFT calculations. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 317, 121-129	1.5	1
192	Exploring Actinide Materials through Synchrotron Radiation Techniques 2018 , 389-509		2
191	Ultrastable actinide endohedral borospherenes. <i>Chemical Communications</i> , 2018 , 54, 2248-2251	5.8	16
190	Raman and Electrochemical Study of Zirconium in LiCl-KCl-LiF-ZrCl ₄ . <i>Journal of the Electrochemical Society</i> , 2018 , 165, D6-D12	3.9	11
189	Ordered Entanglement in Actinide-Organic Coordination Polymers. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 554-562	5.1	35
188	Bimetallic Uranyl Organic Frameworks Supported by Transition-Metal-Ion-Based Metalloligand Motifs: Synthesis, Structure Diversity, and Luminescence Properties. <i>Inorganic Chemistry</i> , 2018 , 57, 6084-6094	5.1	25
187	Direct separation of uranium from lanthanides (La, Nd, Ce, Sm) in oxide mixture in LiCl-KCl eutectic melt. <i>Electrochimica Acta</i> , 2018 , 275, 100-109	6.7	21
186	Template-Driven Assembly of Rare Hexameric Uranyl-Organic Rotaxane Networks Threaded on Dimeric Uranyl Chains. <i>Crystal Growth and Design</i> , 2018 , 18, 3073-3081	3.5	8
185	Theoretical studies on the synergistic extraction of Am and Eu with CMPO-HDEHP and CMPO-HEH[EHP] systems. <i>Dalton Transactions</i> , 2018 , 47, 5474-5482	4.3	19
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