

Zhifang Chai

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.

376
papers

22,038
citations

77
h-index

138
g-index

400
ext. papers

25,837
ext. citations

7.3
avg, IF

6.87
L-index

#	Paper	IF	Citations
376	Understanding the Effect of pH on the Solubility and Aggregation Extent of Humic Acid in Solution by Combining Simulation and the Experiment.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	1
375	Mitochondrial temperature-responsive drug delivery reverses drug resistance in lung cancer.. <i>Bioactive Materials</i> , 2022 , 13, 191-199	16.7	4
374	Two-dimensional transition metal carbide/nitride (MXene)-based nanomaterials for removal of toxic/radioactive metal ions from wastewater 2022 , 161-194		
373	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
372	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
371	Pioneering Iodine-125-Labeled Nanoscale Covalent Organic Frameworks for Brachytherapy. <i>Bioconjugate Chemistry</i> , 2021 , 32, 755-762	6.3	7
370	Iron oxide nanoparticles aggravate hepatic steatosis and liver injury in nonalcoholic fatty liver disease through BMP-SMAD-mediated hepatic iron overload. <i>Nanotoxicology</i> , 2021 , 15, 761-778	5.3	4
369	Polyvinylpyrrolidone functionalization induces deformable structure of graphene oxide nanosheets for lung-targeting delivery. <i>Nano Today</i> , 2021 , 38, 101151	17.9	5
368	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
367	Furin Enzyme and pH Synergistically Triggered Aggregation of Gold Nanoparticles for Activated Photoacoustic Imaging and Photothermal Therapy of Tumors. <i>Analytical Chemistry</i> , 2021 , 93, 9277-9285	7.8	11
366	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
365	MAX Phase Ceramics/Composites with Complex Shapes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 5645-5651	9.5	1
364	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
363	Theoretical prediction of chiral actinide endohedral borospherenes. <i>New Journal of Chemistry</i> , 2021 , 45, 6803-6810	3.6	1
362	Uranyl-catalyzed hydrosilylation of α -quinone methides: access to diarylmethane derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1575-1579	3.9	1
361	The proximity of the G-quadruplex to hemin impacts the intrinsic DNAzyme activity in mitochondria. <i>Chemical Communications</i> , 2021 , 57, 3038-3041	5.8	1
360	Halogenated TiC MXenes with Electrochemically Active Terminals for High-Performance Zinc Ion Batteries. <i>ACS Nano</i> , 2021 , 15, 1077-1085	16.7	50

359	D-arginine-loaded metal-organic frameworks nanoparticles sensitize osteosarcoma to radiotherapy. <i>Biomaterials</i> , 2021 , 269, 120642	15.6	22
358	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
357	Electrochemical Lithium Storage Performance of Molten Salt Derived VSnC MAX Phase. <i>Nano-Micro Letters</i> , 2021 , 13, 158	19.5	4
356	Deuterated Covalent Organic Frameworks with Significantly Enhanced Luminescence. <i>Angewandte Chemie</i> , 2021 , 133, 21420-21425	3.6	
355	Deuterated Covalent Organic Frameworks with Significantly Enhanced Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21250-21255	16.4	6
354	Task-Specific Tailored Cationic Polymeric Network with High Base-Resistance for Unprecedented TcO Clean-up from Alkaline Nuclear Waste. <i>ACS Central Science</i> , 2021 , 7, 1441-1450	16.8	18
353	Stepwise Assembly of a Multicomponent Heterometallic Metal-Organic Framework via Th-Based Metalloligands. <i>Inorganic Chemistry</i> , 2021 , 60, 14535-14539	5.1	1
352	Near-room temperature ferromagnetic behavior of single-atom-thick 2D iron in nanolaminated ternary MAX phases. <i>Applied Physics Reviews</i> , 2021 , 8, 031418	17.3	2
351	The dendrite growth, morphology control and deposition properties of uranium electrorefining. <i>Journal of Nuclear Materials</i> , 2021 , 555, 153110	3.3	2
350	Comparative Study of the Biphasic Behavior of Cyanex301 and Its Two Analogs by Molecular Dynamics Simulations. <i>Advanced Theory and Simulations</i> , 2020 , 3, 1900242	3.5	0
349	Emergence of a Radical-Stabilizing Metal-Organic Framework as a Radio-photoluminescence Dosimeter. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15209-15214	16.4	22
348	Mesoporous Polymer-Derived Ceramic Membranes for Water Purification via a Self-Sacrificed Template. <i>ACS Omega</i> , 2020 , 5, 11100-11105	3.9	5
347	Is GSH Chelated Pt Molecule Inactive in Anti-Cancer Treatment? A Case Study of Pt GS. <i>Small</i> , 2020 , 16, e2002044	11	3
346	The oxo exchange reaction mechanism of americium(VI): a density functional theory study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020 , 324, 857-868	1.5	1
345	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
344	A Porous Aromatic Framework Functionalized with Luminescent Iridium(III) Organometallic Complexes for Turn-On Sensing of TcO. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15288-15297	9.5	17
343	Surface chemistry governs the sub-organ transfer, clearance and toxicity of functional gold nanoparticles in the liver and kidney. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 45	9.4	21
342	Immobilization of mercury by nano-elemental selenium and the underlying mechanisms in hydroponic-cultured garlic plant. <i>Environmental Science: Nano</i> , 2020 , 7, 1115-1125	7.1	12

341	In vivo pharmacokinetics, transfer and clearance study of graphene oxide by La/Ce dual elemental labelling method. <i>NanoImpact</i> , 2020 , 17, 100213	5.6	11
340	Layered structure-based materials: challenges and opportunities for radionuclide sequestration. <i>Environmental Science: Nano</i> , 2020 , 7, 724-752	7.1	26
339	Key Factors Determining Efficiency of Liquid-Liquid Extraction: Implications from Molecular Dynamics Simulations of Biphasic Behaviors of CyMe-BTPhen and Its Am(III) Complexes. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 1751-1766	3.4	3
338	Electric Field Effect on the Reactivity of Solid State Materials: The Case of Single Layer Graphene. <i>Advanced Functional Materials</i> , 2020 , 30, 1909269	15.6	5
337	Electron Beam Irradiation as a General Approach for the Rapid Synthesis of Covalent Organic Frameworks under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9169-9174	16.4	35
336	A general Lewis acidic etching route for preparing MXenes with enhanced electrochemical performance in non-aqueous electrolyte. <i>Nature Materials</i> , 2020 , 19, 894-899	27	368
335	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
334	Facile construction of diverse diarylmethane scaffolds via uranyl-catalyzed 1,6-addition reaction. <i>Tetrahedron Letters</i> , 2020 , 61, 152076	2	5
333	Phase Transition Induced Unusual Electrochemical Performance of VCT MXene for Aqueous Zinc Hybrid-Ion Battery. <i>ACS Nano</i> , 2020 , 14, 541-551	16.7	99
332	Multielemental single-atom-thick layers in nanolaminated V(Sn,) C (= Fe, Co, Ni, Mn) for tailoring magnetic properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 820-825	11.5	42
331	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
330	Vacancies on 2D transition metal dichalcogenides elicit ferroptotic cell death. <i>Nature Communications</i> , 2020 , 11, 3484	17.4	37
329	Amidoxime-Functionalized Covalent Organic Nanosheets for Sequestration of Uranium In Vivo.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 8731-8738	4.1	6
328	Hepatic impacts of gold nanoparticles with different surface coatings as revealed by assessing the hepatic drug-metabolizing enzyme and lipid homeostasis in mice. <i>NanoImpact</i> , 2020 , 20, 100259	5.6	4
327	Three-Dimensional Polycatenation of a Uranium-Based Metal-Organic Cage: Structural Complexity and Radiation Detection. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16218-16222	16.4	37
326	Gleaming Uranium: An Emerging Emitter for Building X-ray Scintillators. <i>Chemistry - A European Journal</i> , 2020 , 26, 1900-1905	4.8	11
325	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
324	Stronger Hydration of Eu(III) Impedes Its Competition against Am(III) in Binding with N-donor Extractants. <i>Inorganic Chemistry</i> , 2020 , 59, 6267-6278	5.1	3

323	Emergence of a Radical-Stabilizing Metal-Organic Framework as a Radio-photoluminescence Dosimeter. <i>Angewandte Chemie</i> , 2020 , 132, 15321-15326	3.6	4
322	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
321	Synthesis of MAX phases Nb ₂ CuC and Ti ₂ (Al _{0.1} Cu _{0.9})N by A-site replacement reaction in molten salts. <i>Materials Research Letters</i> , 2019 , 7, 510-516	7.4	27
320	Emerging investigator series: significantly enhanced uptake of Eu ³⁺ on a nanoporous zeolitic mineral in the presence of UO ₂ ²⁺ : insights into the impact of cation-cation interaction on the geochemical behavior of lanthanides and actinides. <i>Environmental Science: Nano</i> , 2019 , 6, 736-746	7.1	17
319	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
318	Bacillus subtilis causes dissolution of ceria nanoparticles at the nano-bio interface. <i>Environmental Science: Nano</i> , 2019 , 6, 216-223	7.1	11
317	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
316	AMPK mediates the neurotoxicity of iron oxide nanoparticles retained in mitochondria or lysosomes. <i>Metallomics</i> , 2019 , 11, 1200-1206	4.5	5
315	Light-Triggered PEGylation/dePEGylation of the Nanocarriers for Enhanced Tumor Penetration. <i>Nano Letters</i> , 2019 , 19, 3671-3675	11.5	61
314	Influence of Surface Charge on the Phytotoxicity, Transformation, and Translocation of CeO Nanoparticles in Cucumber Plants. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16905-16913	9.5	22
313	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
312	A thermoresponsive nanocarrier for mitochondria-targeted drug delivery. <i>Chemical Communications</i> , 2019 , 55, 4051-4054	5.8	40
311	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
310	Tuning the Electrical Conductivity of Ti ₂ CO ₂ MXene by Varying the Layer Thickness and Applying Strains. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 6802-6811	3.8	25
309	Comparative study of core- and surface-radiolabeling strategies for the assembly of iron oxide nanoparticle-based theranostic nanocomposites. <i>Nanoscale</i> , 2019 , 11, 5909-5913	7.7	3
308	Competition/Cooperation between Humic Acid and Graphene Oxide in Uranyl Adsorption Implicated by Molecular Dynamics Simulations. <i>Environmental Science & Technology</i> , 2019 , 53, 5102-5110	10.3	28
307	Au Clusters Treat Rheumatoid Arthritis with Uniquely Reversing Cartilage/Bone Destruction. <i>Advanced Science</i> , 2019 , 6, 1801671	13.6	32
306	Electrochemical Deposition of Erbium on a Binary Al-Zn Cathode. <i>Journal of the Electrochemical Society</i> , 2019 , 166, D569-D576	3.9	6

305	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
304	Electrochemical behavior of Th(IV) on the bismuth electrode in LiCl/Cl eutectic. <i>Journal of Nuclear Materials</i> , 2019 , 523, 268-275	3.3	9
303	Gold Nanoparticle-Based Probe for Analyzing Mitochondrial Temperature in Living Cells.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3178-3182	4.1	13
302	Single-Atom-Thick Active Layers Realized in Nanolaminated Ti(AlCu)C and Its Artificial Enzyme Behavior. <i>ACS Nano</i> , 2019 , 13, 9198-9205	16.7	31
301	The folding equilibria of enterobactin enantiomers and their interaction with actinides. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 16017-16031	3.6	1
300	Element Replacement Approach by Reaction with Lewis Acidic Molten Salts to Synthesize Nanolaminated MAX Phases and MXenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4730-4737	16.4	355
299	Mechanism unravelling for ultrafast and selective TcO uptake by a radiation-resistant cationic covalent organic framework: a combined radiological experiment and molecular dynamics simulation study. <i>Chemical Science</i> , 2019 , 10, 4293-4305	9.4	96
298	Light-triggered crosslinking of gold nanoparticles for remarkably improved radiation therapy and computed tomography imaging of tumors. <i>Nanomedicine</i> , 2019 , 14, 2941-2955	5.6	4
297	Thermoresponsive drug delivery to mitochondria in vivo. <i>Chemical Communications</i> , 2019 , 55, 14645-14648	4.8	10
296	Understanding Enhanced Microbial MeHg Production in Mining-Contaminated Paddy Soils under Sulfate Amendment: Changes in Hg Mobility or Microbial Methylators?. <i>Environmental Science & Technology</i> , 2019 , 53, 1844-1852	10.3	34
295	Noninvasive Multimodal Imaging of Osteosarcoma and Lymph Nodes Using a Tc-Labeled Biomineralization Nanoprobe. <i>Analytical Chemistry</i> , 2018 , 90, 4529-4534	7.8	16
294	Uranium Dendritic Morphology in the Electrowinning: Influences of Temperature and Current Density. <i>Journal of the Electrochemical Society</i> , 2018 , 165, D98-D106	3.9	8
293	Metal-organic framework-based materials: superior adsorbents for the capture of toxic and radioactive metal ions. <i>Chemical Society Reviews</i> , 2018 , 47, 2322-2356	58.5	1077
292	Covalent Organic Framework Functionalized with 8-Hydroxyquinoline as a Dual-Mode Fluorescent and Colorimetric pH Sensor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15364-15368	9.5	81
291	Turning On/Off the Anti-Tumor Effect of the Au Cluster via Atomically Controlling Its Molecular Size. <i>ACS Nano</i> , 2018 , 12, 4378-4386	16.7	29
290	Emergence of Uranium as a Distinct Metal Center for Building Intrinsic X-ray Scintillators. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7883-7887	16.4	131
289	Emergence of Uranium as a Distinct Metal Center for Building Intrinsic X-ray Scintillators. <i>Angewandte Chemie</i> , 2018 , 130, 8009-8013	3.6	21
288	Acute Oral Administration of Single-Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701313	10.1	22

287	Inhibition of the proteasome activity by graphene oxide contributes to its cytotoxicity. <i>Nanotoxicology</i> , 2018 , 12, 185-200	5.3	13
286	Highly Sensitive Detection of UV Radiation Using a Uranium Coordination Polymer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4844-4850	9.5	38
285	Differential Pd-nanocrystal facets demonstrate distinct antibacterial activity against Gram-positive and Gram-negative bacteria. <i>Nature Communications</i> , 2018 , 9, 129	17.4	260
284	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
283	Monitoring Ultraviolet Radiation Dosage Based on a Luminescent Lanthanide Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2018 , 57, 8714-8717	5.1	15
282	Gut Microbiota: Acute Oral Administration of Single-Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice (Adv. Healthcare Mater. 13/2018). <i>Advanced Healthcare Materials</i> , 2018 , 7, 1870053	10.1	
281	Electrochemical and Thermodynamic Properties of Pr on the Liquid Bi Electrode in LiCl-KCl Eutectic Melt. <i>Journal of the Electrochemical Society</i> , 2018 , 165, D452-D460	3.9	20
280	Towards understanding the correlation between UO ₂ ²⁺ extraction and substitute groups in 2,9-diamide-1,10-phenanthroline. <i>Science China Chemistry</i> , 2018 , 61, 1285-1292	7.9	16
279	Biomaterialized Enzyme-Like Cobalt Sulfide Nanodots for Synergetic Phototherapy with Tumor Multimodal Imaging Navigation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12061-12069	8.3	23
278	Efficient U(VI) Reduction and Sequestration by TiCT MXene. <i>Environmental Science & Technology</i> , 2018 , 52, 10748-10756	10.3	147
277	Advanced Nuclear and Related Techniques for Metallomics and Nanometallomics. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1055, 213-243	3.6	4
276	Defect engineering in metal-organic frameworks: a new strategy to develop applicable actinide sorbents. <i>Chemical Communications</i> , 2018 , 54, 370-373	5.8	131
275	Single-crystal-to-single-crystal desolvation in a Ti ₃ nanoring cluster. <i>CrystEngComm</i> , 2018 , 20, 7062-7065	5.3	3
274	Palladium concave nanocrystals with high-index facets accelerate ascorbate oxidation in cancer treatment. <i>Nature Communications</i> , 2018 , 9, 4861	17.4	54
273	Electrochemical and Thermodynamic Properties of Uranium on the Liquid Bismuth Electrode in LiCl-KCl Eutectic. <i>Journal of the Electrochemical Society</i> , 2018 , 165, D722-D730	3.9	28
272	The Precise Diagnosis of Cancer Invasion/Metastasis via 2D Laser Ablation Mass Mapping of Metalloproteinase in Primary Cancer Tissue. <i>ACS Nano</i> , 2018 , 12, 11139-11151	16.7	15
271	A novel approach for the removal of radiocesium from aqueous solution by ZSM-5 molecular sieve. <i>Applied Radiation and Isotopes</i> , 2018 , 139, 231-237	1.7	1
270	Innenrücktitelbild: Emergence of Uranium as a Distinct Metal Center for Building Intrinsic X-ray Scintillators (Angew. Chem. 26/2018). <i>Angewandte Chemie</i> , 2018 , 130, 8031-8031	3.6	1

269	Trophic Transfer and Transformation of CeO Nanoparticles along a Terrestrial Food Chain: Influence of Exposure Routes. <i>Environmental Science & Technology</i> , 2018 , 52, 7921-7927	10.3	37
268	mTOR Signaling in Parkinson's Disease. <i>NeuroMolecular Medicine</i> , 2017 , 19, 1-10	4.6	40
267	Influence of anions on the adsorption of uranyl on hydroxylated $\text{SiO}_2(001)$: A first-principles study. <i>Green Energy and Environment</i> , 2017 , 2, 30-41	5.7	6
266	Polystyrene-based Hollow Microsphere Synthesized by γ -ray Irradiation-assisted Polymerization and Self-Assembly and Its Application in Detection of Ionizing Radiation. <i>Scientific Reports</i> , 2017 , 7, 41876	4.9	5
265	Highly Sensitive and Selective Uranium Detection in Natural Water Systems Using a Luminescent Mesoporous Metal-Organic Framework Equipped with Abundant Lewis Basic Sites: A Combined Batch, X-ray Absorption Spectroscopy, and First Principles Simulation Investigation. <i>Environmental Science & Technology</i> , 2017 , 51, 3911-3921	10.3	246
264	ZnO nanoparticles act as supportive therapy in DSS-induced ulcerative colitis in mice by maintaining gut homeostasis and activating Nrf2 signaling. <i>Scientific Reports</i> , 2017 , 7, 43126	4.9	47
263	Influence of phosphate on phytotoxicity of ceria nanoparticles in an agar medium. <i>Environmental Pollution</i> , 2017 , 224, 392-399	9.3	12
262	Two novel thorium organic frameworks constructed by bi- and tritopic ligands. <i>Radiochimica Acta</i> , 2017 , 105, 531-539	1.9	1
261	Influence of denticity and combined soft-hard strategy on the interaction of picolinic-type ligands with NpO_2^{2+} . <i>RSC Advances</i> , 2017 , 7, 12236-12246	3.7	3
260	Integrative approach for the analysis of the proteome-wide response to bismuth drugs in. <i>Chemical Science</i> , 2017 , 8, 4626-4633	9.4	44
259	Hydrolytically Stable Luminescent Cationic Metal Organic Framework for Highly Sensitive and Selective Sensing of Chromate Anions in Natural Water Systems. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16448-16457	9.5	182
258	Interrogating the variation of element masses and distribution patterns in single cells using ICP-MS with a high efficiency cell introduction system. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 1415-1423	4.4	29
257	Highly Sensitive Detection of Ionizing Radiations by a Photoluminescent Uranyl Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7500-7504	16.4	172
256	Kinetics process of Tb(III)/Tb couple at liquid Zn electrode and thermodynamic properties of Tb-Zn alloys formation. <i>Science China Chemistry</i> , 2017 , 60, 813-821	7.9	7
255	Exceptional Perrhenate/Pertechnetate Uptake and Subsequent Immobilization by a Low-Dimensional Cationic Coordination Polymer: Overcoming the Hofmeister Bias Selectivity. <i>Environmental Science and Technology Letters</i> , 2017 , 4, 316-322	11	131
254	Overcoming the crystallization and designability issues in the ultrastable zirconium phosphonate framework system. <i>Nature Communications</i> , 2017 , 8, 15369	17.4	266
253	Polarizable and Non-Polarizable Force Field Representations of Ferric Cation and Validations. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 5718-5729	3.4	7
252	Iron-induced generation of mitochondrial ROS depends on AMPK activity. <i>BioMetals</i> , 2017 , 30, 623-628	3.4	19

251	Facile construction of mitochondria-targeting nanoparticles for enhanced phototherapeutic effects. <i>Biomaterials Science</i> , 2017 , 5, 1022-1031	7.4	18
250	Synthesis and Electrochemical Properties of Two-Dimensional Hafnium Carbide. <i>ACS Nano</i> , 2017 , 11, 3841-3850	16.7	229
249	Xylem and Phloem Based Transport of CeO Nanoparticles in Hydroponic Cucumber Plants. <i>Environmental Science & Technology</i> , 2017 , 51, 5215-5221	10.3	71
248	Rare earth separations by selective borate crystallization. <i>Nature Communications</i> , 2017 , 8, 14438	17.4	94
247	Light-Triggered Assembly of Gold Nanoparticles for Photothermal Therapy and Photoacoustic Imaging of Tumors In Vivo. <i>Advanced Materials</i> , 2017 , 29, 1604894	24	320
246	Two mTOR inhibitors, rapamycin and Torin 1, differentially regulate iron-induced generation of mitochondrial ROS. <i>BioMetals</i> , 2017 , 30, 975-980	3.4	11
245	Identifying the Recognition Site for Selective Trapping of TcO in a Hydrolytically Stable and Radiation Resistant Cationic Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14873-14876	16.4	263
244	Experimental and Theoretical Study of the Extraction of UO ₂ ²⁺ by Malonamides in Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 12708-12716	3.9	7
243	Rational control of the interlayer space inside two-dimensional titanium carbides for highly efficient uranium removal and imprisonment. <i>Chemical Communications</i> , 2017 , 53, 12084-12087	5.8	132
242	Ultrafast and Efficient Extraction of Uranium from Seawater Using an Amidoxime Appended Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32446-32451	9.5	176
241	Heteroaggregation behavior of graphene oxide on Zr-based metal-organic frameworks in aqueous solutions: a combined experimental and theoretical study. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20398-20406	13.3	27
240	Interaction mechanism of uranium(VI) with three-dimensional graphene oxide-chitosan composite: Insights from batch experiments, IR, XPS, and EXAFS spectroscopy. <i>Chemical Engineering Journal</i> , 2017 , 328, 1066-1074	14.7	176
239	Sorption characteristic of uranium(VI) ion onto K-feldspar. <i>Applied Radiation and Isotopes</i> , 2017 , 128, 311-317	1.7	15
238	Light-Enhanced Antibacterial Activity of Graphene Oxide, Mainly via Accelerated Electron Transfer. <i>Environmental Science & Technology</i> , 2017 , 51, 10154-10161	10.3	83
237	The effects of orally administered Ag, TiO ₂ and SiO ₂ nanoparticles on gut microbiota composition and colitis induction in mice. <i>NanoImpact</i> , 2017 , 8, 80-88	5.6	93
236	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. <i>Nature Communications</i> , 2017 , 8, 1354	17.4	211
235	Direct Electrochemical Preparation of Ni-Zr Alloy from Mixture Oxides in LiCl Molten Salt. <i>Journal of the Electrochemical Society</i> , 2017 , 164, D888-D894	3.9	13
234	Iron modulates the activity of monoamine oxidase B in SH-SY5Y cells. <i>BioMetals</i> , 2017 , 30, 599-607	3.4	8

233	Graphene Oxide Nanosheets Retard Cellular Migration via Disruption of Actin Cytoskeleton. <i>Small</i> , 2017 , 13, 1602133	11	49
232	Composition, distribution and risk of total fluorine, extractable organofluorine and perfluorinated compounds in Chinese teas. <i>Food Chemistry</i> , 2017 , 219, 496-502	8.5	8
231	The Application of Stimuli-responsive Nanocarriers for Targeted Drug Delivery. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 2319-2334	3	25
230	A thiol fluorescent probe reveals the intricate modulation of cysteine β reactivity by Cu(II). <i>Talanta</i> , 2016 , 146, 477-82	6.2	18
229	The influence of iron plaque on the absorption, translocation and transformation of mercury in rice (<i>Oryza sativa</i> L.) seedlings exposed to different mercury species. <i>Plant and Soil</i> , 2016 , 398, 87-97	4.2	55
228	A new solvent system containing N,N'-diethyl-N,N'-ditolyl-2,9-diamide-1,10-phenanthroline in 1-(trifluoromethyl)-3-nitrobenzene for highly selective UO ₂ ²⁺ extraction. <i>Separation and Purification Technology</i> , 2016 , 168, 232-237	8.3	37
227	Impact of Biological Treatment Techniques on Perfluoroalkyl Acids Emissions in Municipal Sewage. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	4
226	Facet Energy versus Enzyme-like Activities: The Unexpected Protection of Palladium Nanocrystals against Oxidative Damage. <i>ACS Nano</i> , 2016 , 10, 10436-10445	16.7	157
225	BSA-Mediated Synthesis of Bismuth Sulfide Nanotheranostic Agents for Tumor Multimodal Imaging and Thermoradiotherapy. <i>Advanced Functional Materials</i> , 2016 , 26, 5335-5344	15.6	203
224	Loading Actinides in Multilayered Structures for Nuclear Waste Treatment: The First Case Study of Uranium Capture with Vanadium Carbide MXene. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16396-403	9.5	138
223	High-Throughput Screening of Substrate Specificity for Protein Tyrosine Phosphatases (PTPs) on Phosphopeptide Microarrays. <i>Methods in Molecular Biology</i> , 2016 , 1368, 181-96	1.4	12
222	Comparative metalloproteomic approaches for the investigation proteins involved in the toxicity of inorganic and organic forms of mercury in rice (<i>Oryza sativa</i> L.) roots. <i>Metallomics</i> , 2016 , 8, 663-71	4.5	20
221	Theoretical studies on the complexation of Eu(III) and Am(III) with HDEHP: structure, bonding nature and stability. <i>Science China Chemistry</i> , 2016 , 59, 324-331	7.9	19
220	pH-Responsive Fe(III)-Gallic Acid Nanoparticles for In Vivo Photoacoustic-Imaging-Guided Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2016 , 5, 772-80	10.1	72
219	Ultras-small Biocompatible WO ₃ -x Nanodots for Multi-Modality Imaging and Combined Therapy of Cancers. <i>Advanced Materials</i> , 2016 , 28, 5072-9	24	191
218	Single-pulse enhanced coherent diffraction imaging of bacteria with an X-ray free-electron laser. <i>Scientific Reports</i> , 2016 , 6, 34008	4.9	16
217	Near-Infrared Light-Triggered Switchable Nanoparticles for Targeted Chemo/Photothermal Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15103-12	9.5	45
216	Atypical temperature-dependence of symmetry transformation observed in a uranyl phosphonate. <i>Dalton Transactions</i> , 2016 , 45, 9031-5	4.3	16

215	Crossover between Anti- and Pro-oxidant Activities of Graphene Quantum Dots in the Absence or Presence of Light. <i>ACS Nano</i> , 2016 , 10, 8690-9	16.7	136
214	Protein corona influences liver accumulation and hepatotoxicity of gold nanorods. <i>NanoImpact</i> , 2016 , 3-4, 40-46	5.6	18
213	Dynamics of Humic Acid and Its Interaction with Uranyl in the Presence of Hydrophobic Surface Implicated by Molecular Dynamics Simulations. <i>Environmental Science & Technology</i> , 2016 , 50, 11121-11128	19.3	20
212	New Insight into GO, Cadmium(II), Phosphate Interaction and Its Role in GO Colloidal Behavior. <i>Environmental Science & Technology</i> , 2016 , 50, 9361-9	10.3	73
211	Label-free Au cluster used for in vivo 2D and 3D computed tomography of murine kidneys. <i>Analytical Chemistry</i> , 2015 , 87, 343-5	7.8	39
210	Size- and surface chemistry-dependent pharmacokinetics and tumor accumulation of engineered gold nanoparticles after intravenous administration. <i>Metallomics</i> , 2015 , 7, 516-24	4.5	55
209	Adsorption of uranyl on hydroxylated SiO ₂ (001): a first-principle study. <i>Dalton Transactions</i> , 2015 , 44, 1646-54	4.3	18
208	Ultrasmall [(64)Cu]Cu nanoclusters for targeting orthotopic lung tumors using accurate positron emission tomography imaging. <i>ACS Nano</i> , 2015 , 9, 4976-86	16.7	93
207	Probing the interaction at nano-bio interface using synchrotron radiation-based analytical techniques. <i>Science China Chemistry</i> , 2015 , 58, 768-779	7.9	19
206	Peptide-Conjugated Gold Nanoprobe: Intrinsic Nanozyme-Linked Immunosorbant Assay of Integrin Expression Level on Cell Membrane. <i>ACS Nano</i> , 2015 , 9, 10979-90	16.7	84
205	Design and synthesis of a chiral uranium-based microporous metal organic framework with high SHG efficiency and sequestration potential for low-valent actinides. <i>Dalton Transactions</i> , 2015 , 44, 18810-4	4.2	38
204	Protein Corona Influences Cellular Uptake of Gold Nanoparticles by Phagocytic and Nonphagocytic Cells in a Size-Dependent Manner. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20568-75	9.5	191
203	Metal ions modulate the conformation and stability of a G-quadruplex with or without a small-molecule ligand. <i>Metallomics</i> , 2015 , 7, 1508-14	4.5	12
202	Computational thermodynamic study on the complexes of Am(III) with tridentate N-donor ligands. <i>New Journal of Chemistry</i> , 2015 , 39, 7716-7729	3.6	9
201	Quantifying the distribution of ceria nanoparticles in cucumber roots: the influence of labeling. <i>RSC Advances</i> , 2015 , 5, 4554-4560	3.7	14
200	Hydrocarbon chain growth and hydrogenation on V(100): a density functional theory study. <i>RSC Advances</i> , 2015 , 5, 4909-4917	3.7	
199	Where Does the Transformation of Precipitated Ceria Nanoparticles in Hydroponic Plants Take Place?. <i>Environmental Science & Technology</i> , 2015 , 49, 10667-74	10.3	74
198	Structure and catalytic activities of ferrous centers confined on the interface between carbon nanotubes and humic acid. <i>Nanoscale</i> , 2015 , 7, 2651-8	7.7	5

197	Origin of the different phytotoxicity and biotransformation of cerium and lanthanum oxide nanoparticles in cucumber. <i>Nanotoxicology</i> , 2015 , 9, 262-70	5.3	102
196	Acquired superoxide-scavenging ability of ceria nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1832-5	16.4	143
195	Kinetics analysis and quantitative calculations for the successive radioactive decay process. <i>Nuclear Physics A</i> , 2015 , 933, 143-153	1.3	4
194	Time-resolved ICP-MS analysis of mineral element contents and distribution patterns in single cells. <i>Analyst, The</i> , 2015 , 140, 523-31	5	52
193	Quantifying the total ionic release from nanoparticles after particle-cell contact. <i>Environmental Pollution</i> , 2015 , 196, 194-200	9.3	20
192	Oral magnetite nanoparticles disturb the development of <i>Drosophila melanogaster</i> from oogenesis to adult emergence. <i>Nanotoxicology</i> , 2015 , 9, 302-12	5.3	32
191	Coculture with Low-Dose SWCNT Attenuates Bacterial Invasion and Inflammation in Human Enterocyte-like Caco-2 Cells. <i>Small</i> , 2015 , 11, 4366-78	11	15
190	Theoretical investigation on the solution behaviors of Ba and Zr in uranium dinitride. <i>Science China Chemistry</i> , 2015 , 58, 1891-1897	7.9	3
189	Transformation of ceria nanoparticles in cucumber plants is influenced by phosphate. <i>Environmental Pollution</i> , 2015 , 198, 8-14	9.3	73
188	Near-infrared light remote-controlled intracellular anti-cancer drug delivery using thermo/pH sensitive nanovehicle. <i>Acta Biomaterialia</i> , 2015 , 17, 201-9	10.8	120
187	Theoretical investigation on the mechanism and dynamics of oxo exchange of neptunyl(VI) hydroxide in aqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7537-47	3.6	2
186	Facile approach to observe and quantify the $\alpha_5\beta_1$ integrin on a single-cell. <i>Analytical Chemistry</i> , 2015 , 87, 2546-9	7.8	47
185	Towards understanding of nanoparticle-protein corona. <i>Archives of Toxicology</i> , 2015 , 89, 519-39	5.8	112
184	Acquired Superoxide-Scavenging Ability of Ceria Nanoparticles. <i>Angewandte Chemie</i> , 2015 , 127, 1852-1855	5.5	14
183	Nanometallomics: an emerging field studying the biological effects of metal-related nanomaterials. <i>Metallomics</i> , 2014 , 6, 220-32	4.5	33
182	129I assessment reveals the impact of Fukushima incident on Dapeng Peninsula, Shenzhen, China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 301, 57-63	1.5	4
181	Toxicity of inorganic nanomaterials in biomedical imaging. <i>Biotechnology Advances</i> , 2014 , 32, 727-43	17.8	77
180	Synthesis and characterization of novel macroporous silica-polymer-calixcrown hybrid supramolecular recognition materials for effective separation of cesium. <i>Journal of Hazardous Materials</i> , 2014 , 267, 109-18	12.8	37

179	Solvent extraction of U(VI) by trioctylphosphine oxide using a room-temperature ionic liquid. <i>Science China Chemistry</i> , 2014 , 57, 1432-1438	7.9	31
178	Selenium modulates mercury uptake and distribution in rice (<i>Oryza sativa</i> L.), in correlation with mercury species and exposure level. <i>Metallomics</i> , 2014 , 6, 1951-7	4.5	53
177	A computational study on the complexation of Np(V) with N,N,N',N'-tetramethyl-3-oxa-glutaramide (TMOGA) and its carboxylate analogs. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 16536-46	3.6	12
176	Design criteria for tetradentate phenanthroline-derived heterocyclic ligands to separate Am(III) from Eu(III). <i>Science China Chemistry</i> , 2014 , 57, 1439-1448	7.9	11
175	Influence of a bridging group and the substitution effect of bis(1,2,4-triazine) N-donor extractants on their interactions with a Np(V) cation. <i>Inorganic Chemistry</i> , 2014 , 53, 7848-60	5.1	16
174	Spatially marking and quantitatively counting membrane immunoglobulin M in live cells via Ag cluster-aptamer probes. <i>Chemical Communications</i> , 2014 , 50, 3560-3	5.8	21
173	Positively charged graphene oxide nanoparticle: precisely label the plasma membrane of live cell and sensitively monitor extracellular pH in situ. <i>Chemical Communications</i> , 2014 , 50, 3695-8	5.8	15
172	Comparative pulmonary toxicity of two ceria nanoparticles with the same primary size. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6072-85	6.3	35
171	Essential role of AKT in tumor cells addicted to FGFR. <i>Anti-Cancer Drugs</i> , 2014 , 25, 183-8	2.4	21
170	Extraction behavior of cesium and some typical fission and non-fission products with a new 1,3-di(1-decyloxy)-2,4-crown-6-calix[4]arene. <i>Radiochimica Acta</i> , 2014 , 102, 135-142	1.9	2
169	Advances in computational actinide chemistry in China. <i>Radiochimica Acta</i> , 2014 , 102, 13-25	1.9	5
168	Evaluation study on a macroporous silica-based isohexyl-BTP adsorbent for minor actinides separation from nitric acid medium. <i>Radiochimica Acta</i> , 2014 , 102, 93-100	1.9	5
167	A density functional theory study of the competitive complexation of pyridine against H ₂ O and Cl ⁻ to Cm ³⁺ and Ce ⁴⁺ . <i>Radiochimica Acta</i> , 2014 , 102, 101-109	1.9	1
166	Synthesis and characterization of a novel organic/organic hybrid supramolecular recognition material and its selective adsorption for cesium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 299, 699-708	1.5	6
165	Recent advances in design and fabrication of upconversion nanoparticles and their safe theranostic applications. <i>Advanced Materials</i> , 2013 , 25, 3758-79	24	400
164	Cellular response of <i>E. coli</i> upon Hg ²⁺ exposure--a case study of advanced nuclear analytical approach to metalloproteomics. <i>Metallomics</i> , 2013 , 5, 913-9	4.5	13
163	Advanced nuclear analytical and related techniques for the growing challenges in nanotoxicology. <i>Chemical Society Reviews</i> , 2013 , 42, 8266-303	58.5	88
162	Broad-spectrum antibacterial activity of carbon nanotubes to human gut bacteria. <i>Small</i> , 2013 , 9, 2735-46	4.1	185

161	Selenium inhibits the phytotoxicity of mercury in garlic (<i>Allium sativum</i>). <i>Environmental Research</i> , 2013 , 125, 75-81	7.9	63
160	Solvent Extraction of Cesium with a New Compound Calix[4]arene-bis[(4-methyl-1,2-phenylene)-crown-6]. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 3275-3281	2.8	14
159	Two new uranyl fluoride complexes with UVIOalkali (Na, Cs) interactions: Experimental and theoretical studies. <i>CrystEngComm</i> , 2013 , 15, 8041	3.3	7
158	Blue two-photon fluorescence metal cluster probe precisely marking cell nuclei of two cell lines. <i>Chemical Communications</i> , 2013 , 49, 10724-6	5.8	51
157	Physicochemical Origin for Free Radical Generation of Iron Oxide Nanoparticles in Biomicroenvironment: Catalytic Activities Mediated by Surface Chemical States. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 383-392	3.8	106
156	Mercury modulates selenium activity via altering its accumulation and speciation in garlic (<i>Allium sativum</i>). <i>Metallomics</i> , 2013 , 5, 896-903	4.5	25
155	Extraction of Cesium and Some Typical Metals with a Supramolecular Recognition Agent 1,3-Bis(1-nonyloxy)-2,4-crown-6-calix[4]arene. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 167-175	2.8	11
154	Preparation of a Macroporous Silica-Based Multidentate Soft-Ligand Material and its Application in the Adsorption of Palladium and the Others. <i>Separation Science and Technology</i> , 2013 , 48, 1500-1509	2.5	12
153	Metallomics insights for in vivo studies of metal based nanomaterials. <i>Metallomics</i> , 2013 , 5, 793-803	4.5	33
152	A benchmark study of DFT methods on the electronic properties of lanthanofullerenes: a case study of Ce@C _{2v} (9)-C ₈₂ anion. <i>RSC Advances</i> , 2013 , 3, 26252	3.7	2
151	Temporal trends of polychlorinated biphenyls in precipitation in Beijing, China. <i>Atmospheric Environment</i> , 2012 , 56, 222-227	5.3	6
150	Effects of rare earth elements La and Yb on the morphological and functional development of zebrafish embryos. <i>Journal of Environmental Sciences</i> , 2012 , 24, 209-13	6.4	47
149	Gadolinium metallofullerenol nanoparticles inhibit cancer metastasis through matrix metalloproteinase inhibition: imprisoning instead of poisoning cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 136-46	6	86
148	Adsorption and desorption characteristics of arsenic onto ceria nanoparticles. <i>Nanoscale Research Letters</i> , 2012 , 7, 84	5	46
147	Synthesis and Characterization of a New Polymer-Based Supramolecular Recognition Material and its Adsorption for Cesium. <i>Solvent Extraction and Ion Exchange</i> , 2012 , 30, 17-32	2.5	7
146	Uranium(VI) adsorption on graphene oxide nanosheets from aqueous solutions. <i>Chemical Engineering Journal</i> , 2012 , 210, 539-546	14.7	343
145	The distribution profile and oxidation states of biometals in APP transgenic mouse brain: dyshomeostasis with age and as a function of the development of Alzheimer's disease. <i>Metallomics</i> , 2012 , 4, 289-96	4.5	38
144	Immunogold labeling and X-ray fluorescence microscopy reveal enrichment ratios of Cu and Zn, metabolism of APP and amyloid- β plaque formation in a mouse model of Alzheimer's disease. <i>Metallomics</i> , 2012 , 4, 1113-8	4.5	15

143	Organic selenium supplementation increases mercury excretion and decreases oxidative damage in long-term mercury-exposed residents from Wanshan, China. <i>Environmental Science & Technology</i> , 2012 , 46, 11313-8	10.3	64
142	Trivalent Uranium Complex As a Catalyst to Promote the Functionalization of Carbon Dioxide and Carbon Disulfide: A Computational Mechanistic Study. <i>Journal of Chemical Theory and Computation</i> , 2012 , 8, 3605-17	6.4	13
141	New Insight into the Partitioning of Minor Actinides I: Extraction of Palladium and Some Typical Metals with a Multidentate Soft-Ligand 2,6-Bis(5,6-dinonyl-1,2,4-triazine-3-yl)pyridine. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1267-1273	2.8	11
140	Mesoporous silica SBA-15 functionalized with phosphonate and amino groups for uranium uptake. <i>Science China Chemistry</i> , 2012 , 55, 1705-1711	7.9	63
139	Temporal variations of organochlorine pesticides in precipitation in Beijing, China. <i>Atmospheric Environment</i> , 2012 , 61, 614-619	5.3	9
138	Biotransformation of ceria nanoparticles in cucumber plants. <i>ACS Nano</i> , 2012 , 6, 9943-50	16.7	282
137	Comparative toxicity of nanoparticulate/bulk Yb ₂ O ₃ and YbCl ₃ to cucumber (<i>Cucumis sativus</i>). <i>Environmental Science & Technology</i> , 2012 , 46, 1834-41	10.3	140
136	Adsorption Property of Cesium onto Modified Macroporous Silica-Calix[4]arene-crown Based Supramolecular Recognition Materials. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 6196-6204	2.9	25
135	Adsorption of Some Typical Fission Products onto a Novel Macroporous Silica-based Dialkyl Derivative of Pyridine Impregnated Material. <i>Separation Science and Technology</i> , 2012 , 47, 1070-1079	2.5	5
134	Changing exposure media can reverse the cytotoxicity of ceria nanoparticles for <i>Escherichia coli</i> . <i>Nanotoxicology</i> , 2012 , 6, 233-40	5.3	24
133	Preparation of a macroporous silica-pyridine multidentate material and its adsorption behavior for some typical elements. <i>AIChE Journal</i> , 2012 , 58, 3517-3525	3.6	16
132	Recent advances in computational actinoid chemistry. <i>Chemical Society Reviews</i> , 2012 , 41, 5836-65	58.5	104
131	A high efficient sorption of U(VI) from aqueous solution using amino-functionalized SBA-15. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012 , 292, 803-810	1.5	74
130	Levels and speciation of arsenic in the atmosphere in Beijing, China. <i>Chemosphere</i> , 2012 , 87, 845-50	8.4	31
129	Full assessment of fate and physiological behavior of quantum dots utilizing <i>Caenorhabditis elegans</i> as a model organism. <i>Nano Letters</i> , 2011 , 11, 3174-83	11.5	188
128	Multielemental contents of foodstuffs from the Wanshan (China) mercury mining area and the potential health risks. <i>Applied Geochemistry</i> , 2011 , 26, 182-187	3.5	19
127	Nano-CeO ₂ exhibits adverse effects at environmental relevant concentrations. <i>Environmental Science & Technology</i> , 2011 , 45, 3725-30	10.3	225
126	Binding of blood proteins to carbon nanotubes reduces cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16968-73	11.5	738

125	Full quantification of selenium species by RP and AF-ICP-qMS with on-line isotope dilution in serum samples from mercury-exposed people supplemented with selenium-enriched yeast. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 224-229	3.7	13
124	Quantifying the biodistribution of nanoparticles. <i>Nature Nanotechnology</i> , 2011 , 6, 755	28.7	13
123	Preparation of a Macroporous Silica-Based Pyridine Impregnated Material and Its Adsorption for Palladium. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 6898-6905	3.9	15
122	Comparison study on the antibacterial activity of nano- or bulk-cerium oxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 4103-8	1.3	63
121	Phytotoxicity and biotransformation of La ³⁺ nanoparticles in a terrestrial plant cucumber (<i>Cucumis sativus</i>). <i>Nanotoxicology</i> , 2011 , 5, 743-53	5.3	134
120	Significance and systematic analysis of metallic impurities of carbon nanotubes produced by different manufacturers. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 2389-97	1.3	34
119	Hybrid NAA for study of organic halogens in precipitation in Beijing, China. <i>Proceedings in Radiochemistry</i> , 2011 , 1, 323-326		1
118	Effects of copper nanoparticles on the development of zebrafish embryos. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8670-6	1.3	62
117	Bioavailability and distribution and of ceria nanoparticles in simulated aquatic ecosystems, quantification with a radiotracer technique. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8658-62	1.3	9
116	Lung deposition and extrapulmonary translocation of nano-ceria after intratracheal instillation. <i>Nanotechnology</i> , 2010 , 21, 285103	3.4	123
115	Synthesis of a Novel Macroporous Silica-Calix[4]arene-Crown Supramolecular Recognition Material and its Adsorption for Cesium and some Typical Metals in Highly Active Liquid Waste. <i>Solvent Extraction and Ion Exchange</i> , 2010 , 28, 526-542	2.5	8
114	Effects of rare earth oxide nanoparticles on root elongation of plants. <i>Chemosphere</i> , 2010 , 78, 273-9	8.4	318
113	Potent angiogenesis inhibition by the particulate form of fullerene derivatives. <i>ACS Nano</i> , 2010 , 4, 2773-86	8.7	134
112	Ecotoxicological assessment of lanthanum with <i>Caenorhabditis elegans</i> in liquid medium. <i>Metallomics</i> , 2010 , 2, 806-10	4.5	35
111	Synthesis of a Novel Macroporous Silica-Calix[4]arene-Crown Polymeric Composite and Its Adsorption for Alkali Metals and Alkaline-Earth Metals. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 2047-2054	3.9	21
110	Chapter 1:Introduction 2010 , 1-43		0
109	Chapter 4:Isotopic Techniques Combined with ICP-MS and ESI-MS 2010 , 95-127		
108	New methods for nanotoxicology: synchrotron radiation-based techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 667-76	4.4	28

107	Toxicity of zinc oxide nanoparticles to zebrafish embryo: a physicochemical study of toxicity mechanism. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 1645-1654	2.3	297
106	Chromatographic partitioning of cesium by a macroporous silica-calix[4]arene-crown supramolecular recognition composite. <i>AIChE Journal</i> , 2010 , 56, 2632-2640	3.6	15
105	Synthesis of a macroporous silica-based derivative of pyridine material and its application in separation of palladium. <i>AIChE Journal</i> , 2010 , 56, 3074-3083	3.6	22
104	The effect of Gd@C82(OH)22 nanoparticles on the release of Th1/Th2 cytokines and induction of TNF-alpha mediated cellular immunity. <i>Biomaterials</i> , 2009 , 30, 3934-45	15.6	159
103	SPEC Process II. Adsorption of strontium and some typical co-existent elements contained in high level liquid waste onto a macroporous silica-based crown ether impregnated functional composite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 280, 181-191	1.5	12
102	Neurotoxicity of low-dose repeatedly intranasal instillation of nano- and submicron-sized ferric oxide particles in mice. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 41-53	2.3	92
101	Geochemical environmental changes and dinosaur extinction during the Cretaceous-Paleogene (K/T) transition in the Nanxiong Basin, South China: Evidence from dinosaur eggshells. <i>Science Bulletin</i> , 2009 , 54, 806-815	10.6	5
100	Applications of radiotracer techniques for the pharmacology and toxicology studies of nanomaterials. <i>Science Bulletin</i> , 2009 , 54, 173-182	10.6	13
99	Chromatographic separation of cesium by a macroporous silica-based supramolecular recognition agent impregnated material. <i>Separation and Purification Technology</i> , 2009 , 66, 541-548	8.3	30
98	Immunostimulatory properties and enhanced TNF- alpha mediated cellular immunity for tumor therapy by C60(OH)20 nanoparticles. <i>Nanotechnology</i> , 2009 , 20, 415102	3.4	76
97	SPEC: A New Process for Strontium and Cesium Partitioning Utilizing Two Macroporous Silica-Based Supramolecular Recognition Agents Impregnated Polymeric Composites. <i>Separation Science and Technology</i> , 2009 , 44, 2146-2168	2.5	36
96	Potential health impact on mice after nasal instillation of nano-sized copper particles and their translocation in mice. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6335-43	1.3	64
95	Potential neurological lesion after nasal instillation of TiO(2) nanoparticles in the anatase and rutile crystal phases. <i>Toxicology Letters</i> , 2008 , 183, 72-80	4.4	279
94	Quantitative analysis of metal impurities in carbon nanotubes: efficacy of different pretreatment protocols for ICPMS spectroscopy. <i>Analytical Chemistry</i> , 2008 , 80, 9426-34	7.8	114
93	The translocation of fullerenic nanoparticles into lysosome via the pathway of clathrin-mediated endocytosis. <i>Nanotechnology</i> , 2008 , 19, 145102	3.4	88
92	Age-related differences in pulmonary and cardiovascular responses to SiO2 nanoparticle inhalation: nanotoxicity has susceptible population. <i>Environmental Science & Technology</i> , 2008 , 42, 8985-92	10.3	109
91	Direct measurement of lanthanum uptake and distribution in internodal cells of Chara. <i>Plant Science</i> , 2008 , 174, 496-501	5.3	21
90	Scalp hair as a biomarker in environmental and occupational mercury exposed populations: suitable or not?. <i>Environmental Research</i> , 2008 , 107, 39-44	7.9	33

89	Mapping technique for biodistribution of elements in a model organism, <i>Caenorhabditis elegans</i> , after exposure to copper nanoparticles with microbeam synchrotron radiation X-ray fluorescence. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 1121	3.7	66
88	The strong MRI relaxivity of paramagnetic nanoparticles. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 6288-91	3.1	49
87	Neurotoxicological evaluation of long-term lanthanum chloride exposure in rats. <i>Toxicological Sciences</i> , 2008 , 103, 354-61	4.4	90
86	Metallomics, elementomics, and analytical techniques. <i>Pure and Applied Chemistry</i> , 2008 , 80, 2577-2594	2.1	26
85	Detection of mercury-, arsenic-, and selenium-containing proteins in fish liver from a mercury polluted area of Guizhou Province, China. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008 , 71, 1266-9	3.2	11
84	SPEC Process III. Synthesis of a Macroporous Silica-Based Crown Ether-Impregnated Polymeric Composite Modified with 1-Octanol and its Adsorption Capacity for Sr(II) Ions and Some Typical Co-Existent Metal Ions. <i>Adsorption Science and Technology</i> , 2008 , 26, 705-720	3.6	7
83	Time-dependent translocation and potential impairment on central nervous system by intranasally instilled TiO ₂ nanoparticles. <i>Toxicology</i> , 2008 , 254, 82-90	4.4	341
82	Acute toxicological impact of nano- and submicro-scaled zinc oxide powder on healthy adult mice. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 263-276	2.3	276
81	Hybrid NAA method for assessment of the levels of organic halogen compounds in the atmosphere in China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008 , 278, 241-245	1.5	
80	Separation of strontium ions from a simulated highly active liquid waste using a composite of silica-crown ether in a polymer. <i>Journal of Separation Science</i> , 2008 , 31, 3148-55	3.4	30
79	Mercury in human hair and blood samples from people living in Wanshan mercury mine area, Guizhou, China: an XAS study. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 500-6	4.2	18
78	Modification of a novel macroporous silica-based crown ether impregnated polymeric composite with 1-dodecanol and its adsorption for some fission and non-fission products contained in high level liquid waste. <i>European Polymer Journal</i> , 2008 , 44, 3899-3907	5.2	29
77	Advanced nuclear analytical techniques for metalloproteomics. <i>Journal of Analytical Atomic Spectrometry</i> , 2007 , 22, 856	3.7	48
76	Acute toxicity and biodistribution of different sized titanium dioxide particles in mice after oral administration. <i>Toxicology Letters</i> , 2007 , 168, 176-85	4.4	861
75	Unambiguous effects of lanthanum?. <i>Toxicology Letters</i> , 2007 , 170, 94-6	4.4	5
74	Simultaneous speciation of selenium and mercury in human urine samples from long-term mercury-exposed populations with supplementation of selenium-enriched yeast by HPLC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2007 , 22, 925	3.7	40
73	Investigation of mercury-containing proteins by enriched stable isotopic tracer and size-exclusion chromatography hyphenated to inductively coupled plasma-isotope dilution mass spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 583, 84-91	6.6	18
72	Ytterbium and trace element distribution in brain and organic tissues of offspring rats after prenatal and postnatal exposure to ytterbium. <i>Biological Trace Element Research</i> , 2007 , 117, 89-104	4.5	23

71	Instrumental neutron activation analysis of extractable organohalogens in PM2.5 and PM10 in Beijing, China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007 , 271, 115-118	1.5	4
70	Iridium in the Bering Sea and Arctic Ocean studied by neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007 , 271, 125-128	1.5	2
69	Uptake and elimination of lanthanum by excised roots of <i>Triticum aestivum</i> L.. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007 , 272, 523-525	1.5	2
68	Development of a mild mercaptoethanol extraction method for determination of mercury species in biological samples by HPLC-ICP-MS. <i>Talanta</i> , 2007 , 71, 2034-9	6.2	163
67	Human hair as a potential biomonitor for assessing persistent organic pollutants. <i>Environment International</i> , 2007 , 33, 685-93	12.9	68
66	Quantitative analysis of proteins via sulfur determination by HPLC coupled to isotope dilution ICPMS with a hexapole collision cell. <i>Analytical Chemistry</i> , 2007 , 79, 9128-34	7.8	72
65	In situ observation of C60(C(COOH)2)2 interacting with living cells using fluorescence microscopy. <i>Science Bulletin</i> , 2006 , 51, 1060-1064		17
64	Preliminary study of oxidative stress in human hepatocellular carcinoma and adjacent normal liver tissues. <i>Chinese Journal of Clinical Oncology</i> , 2006 , 3, 11-14		2
63	XAFS study on interactions of metallothionein, mercuric chloride and/or sodium selenite. <i>Diqiu Huaxue</i> , 2006 , 25, 124-124		
62	Antioxidative function and biodistribution of [Gd@C82(OH)22]n nanoparticles in tumor-bearing mice. <i>Biochemical Pharmacology</i> , 2006 , 71, 872-81	6	138
61	Accumulation of mercury, selenium and their binding proteins in porcine kidney and liver from mercury-exposed areas with the investigation of their redox responses. <i>Science of the Total Environment</i> , 2006 , 366, 627-37	10.2	35
60	Long-term effects of lanthanum intake on the neurobehavioral development of the rat. <i>Neurotoxicology and Teratology</i> , 2006 , 28, 119-24	3.9	56
59	Elimination efficiency of different reagents for the memory effect of mercury using ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006 , 21, 94-96	3.7	283
58	Acute toxicological effects of copper nanoparticles in vivo. <i>Toxicology Letters</i> , 2006 , 163, 109-20	4.4	691
57	Neurotoxicological consequence of long-term exposure to lanthanum. <i>Toxicology Letters</i> , 2006 , 165, 112-20	4.4	117
56	The roles of serum selenium and selenoproteins on mercury toxicity in environmental and occupational exposure. <i>Environmental Health Perspectives</i> , 2006 , 114, 297-301	8.4	140
55	Isotopic Tracer Studies on the Metabolism and Functional Roles of Mineral Elements in Institute of High Energy Physics, China. <i>Journal of Nuclear Science and Technology</i> , 2006 , 43, 450-454	1	2
54	Quantification of Trace Elements in Protein Bands Using Synchrotron Radiation X-ray Fluorescence after Electrophoretic Separation. <i>Chinese Journal of Analytical Chemistry</i> , 2006 , 34, 443-446	1.6	7

53	Selenium Speciation in Biological Samples Using a Hyphenated Technique of High-performance Liquid Chromatography and Inductively Coupled Plasma Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2006 , 34, 749-753	1.6	16
52	Theoretical study of a hybrid type dumbbell-like fullerene dimer C60CC70. <i>Chemical Physics Letters</i> , 2006 , 418, 24-29	2.5	11
51	Effect of iodine supplement on iodine status and 5Pdeiodinase activity in the brain of neonatal rats with iodine deficiency. <i>Biological Trace Element Research</i> , 2006 , 114, 207-15	4.5	1
50	Multihydroxylated [Gd@C82(OH)22]n nanoparticles: antineoplastic activity of high efficiency and low toxicity. <i>Nano Letters</i> , 2005 , 5, 2050-7	11.5	256
49	Distribution of ytterbium-169 in rat brain after intravenous injection. <i>Toxicology Letters</i> , 2005 , 155, 247-524	4.4	26
48	Tuning electronic properties of metallic atom in bondage to a nanospace. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 8779-85	3.4	36
47	Accumulation and distribution of samarium-153 in rat brain after intraperitoneal injection. <i>Biological Trace Element Research</i> , 2005 , 104, 33-40	4.5	10
46	Concentration characteristics of extractable organohalogens in PM2.5 and PM10 in Beijing, China. <i>Atmospheric Environment</i> , 2005 , 39, 4119-4128	5.3	66
45	Subcellular localization of several heavy metals of Hg, Cd and Pb in human liver. <i>Science Bulletin</i> , 2005 , 50, 113-116		4
44	Manpower Requirements and Education in Nuclear Science: An International Perspective. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2005 , 263, 103-106	1.5	2
43	Increased oxidative DNA damage, as assessed by urinary 8-hydroxy-2Pdeoxyguanosine concentrations, and serum redox status in persons exposed to mercury. <i>Clinical Chemistry</i> , 2005 , 51, 759-67	5.5	98
42	Isotopic tracer studies of chemical behavior of rare earth elements in environmental and biological sciences. <i>Radiochimica Acta</i> , 2004 , 92, 355-358	1.9	9
41	Study of trace elements in blood of thyroid disorder subjects before and after 131I therapy. <i>Biological Trace Element Research</i> , 2004 , 97, 125-34	4.5	19
40	Determination of extractable organic halogens in pine needles by neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 259, 129-134	1.5	0
39	Effect of calcium supplements on osteoporosis by using nuclear analytical techniques. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 259, 369-373	1.5	2
38	Preliminary study of selenium and mercury distribution in some porcine tissues and their subcellular fractions by NAA and HG-AFS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 259, 459-463	1.5	9
37	Neutron activation analysis of extractable organohalogens in milk from China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 259, 485-488	1.5	6
36	Synthesis of new carbon nanomolecule: C141. <i>Science Bulletin</i> , 2004 , 49, 793-796		5

35	Element content and element correlations in Chinese human liver. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 380, 773-81	4.4	5
34	Highly selective and simple synthesis of C(2)(m)-X-C(2)(n) fullerene dimers. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11134-5	16.4	36
33	Mercury and trace element distribution in organic tissues and regional brain of fetal rat after in utero and weaning exposure to low dose of inorganic mercury. <i>Toxicology Letters</i> , 2004 , 152, 223-34	4.4	24
32	Influences of Structural Properties on Stability of Fullerenols. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 11473-11479	3.4	130
31	Regional distribution of organochlorinated pesticides in pine needles and its indication for socioeconomic development. <i>Chemosphere</i> , 2004 , 54, 743-52	8.4	39
30	Organohalogenated compounds in pine needles from Beijing city, China. <i>Chemosphere</i> , 2004 , 57, 1343-53	3.4	41
29	2001 survey of organochlorine pesticides in retail milk from Beijing, P R China. <i>Food Additives and Contaminants</i> , 2003 , 20, 254-8		23
28	Study of chromium-containing proteins in subcellular fractions of rat liver by enriched stable isotopic tracer technique and gel filtration chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 375, 363-8	4.4	15
27	Detection of metalloproteins in human liver cytosol by synchrotron radiation X-ray fluorescence after sodium dodecyl sulphate polyacrylamide gel electrophoresis. <i>Analytica Chimica Acta</i> , 2003 , 485, 131-137	6.6	42
26	Levels of extractable organohalogens in pine needles in China. <i>Environmental Science & Technology</i> , 2003 , 37, 1-6	10.3	37
25	Activable Enriched Stable Isotope Iron-58 for Monitoring Absorption Rate of Juvenile Athletes for Iron: A Case Study. <i>Food and Nutrition Bulletin</i> , 2002 , 23, 57-60	1.8	11
24	Speciation and subcellular location of se-containing proteins in human liver studied by sodium dodecyl sulfate-polyacrylamide gel electrophoresis and hydride generation-atomic fluorescence spectrometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 372, 426-30	4.4	21
23	Overview of the methodology of nuclear analytical techniques for speciation studies of trace elements in the biological and environmental sciences. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 372, 407-11	4.4	18
22	Distribution of samarium and ytterbium in rats measured by enriched stable isotope tracer technique and INAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2002 , 251, 437-441	1.5	9
21	Variations of elemental distribution in brain regions of neonatal rats at different iodine intakes. <i>Biological Trace Element Research</i> , 2002 , 90, 227-37	4.5	3
20	Detection of metalloproteins in human liver cytosol by synchrotron radiation X-ray fluorescence combined with gel filtration chromatography and isoelectric focusing separation. <i>Analyst, The</i> , 2002 , 127, 1700-4	5	28
19	Distribution of some rare earth elements and their binding species with proteins in human liver studied by instrumental neutron activation analysis combined with biochemical techniques. <i>Analytica Chimica Acta</i> , 2001 , 439, 19-27	6.6	63
18	A study on the relationship between iridium concentration in hen eggshell and iridium-enriched feed by NAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001 , 247, 567-570	1.5	9

17	Determination of Platinum-Group Elements and Forty Two Other Elements in Two Candidate Danish Cretaceous-Tertiary Boundary Clay Reference Materials by INAA, ENAA and RNAA. <i>Geostandards and Geoanalytical Research</i> , 2001 , 25, 167-171	3.6	7
16	Tissue contents and subcellular distribution of chromium and other trace metals in experimental diabetic rats after intravenous injection of Cr 50-enriched stable isotopic tracer solution. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 1168-74	12.7	14
15	Coulometric titration study of the redox behavior and precise determination of hexachloroiridate(IV) ion and its monoquo-chloro complex with electrogenerated bi-intermediates. <i>Analytica Chimica Acta</i> , 2000 , 415, 185-191	6.6	8
14	An ̢-amino pyridine resin preconcentration method for iridium in environmental and geological samples. <i>Analytica Chimica Acta</i> , 2000 , 403, 243-247	6.6	12
13	Determination of Iridium in Environmental and Geological Samples by NAA with ̢-Amino Pyridine Resin Preconcentration. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000 , 245, 47-49	1.5	2
12	Determination of rare earth elements in plant protoplasts by MAA. <i>Science Bulletin</i> , 2000 , 45, 1497-1499		8
11	In situ analysis of trace elements in metalloproteins of human liver by synchrotron radiation X-ray fluorescence. <i>Science in China Series A: Mathematics</i> , 2000 , 43, 88-92		3
10	Sorption and desorption of iridium by coastal sediment: effects of iridium speciation and sediment components. <i>Chemical Geology</i> , 2000 , 166, 15-22	4.2	8
9	Modern Nuclear Analytical Techniques and Their Applications in China. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2000 , 1, 19-22	0.7	2
8	Subcellular distribution of Al, Cu, Mg, Mn and other elements in the human liver. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 363, 512-516		9
7	Comparison of the chromium distribution in organs and subcellular fractions of normal and diabetic rats by using enriched stable isotope Cr-50 tracer technique. <i>Biological Trace Element Research</i> , 1999 , 71-72, 121-9	4.5	11
6	Investigation of selenium distribution in subcellular fractions of human liver by neutron activation analysis. <i>Biological Trace Element Research</i> , 1999 , 71-72, 131-8	4.5	10
5	Subcellular distribution of selenium and Se-containing proteins in human liver. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999 , 1427, 205-15	4	33
4	Correlation of mercury with selenium in human hair at a typical mercury-polluted area in China. <i>Biological Trace Element Research</i> , 1998 , 63, 95-104	4.5	6
3	Use of the enriched stable isotope Cr-50 as a tracer to study the metabolism of chromium (III) in normal and diabetic rats. <i>Biological Trace Element Research</i> , 1998 , 63, 129-38	4.5	19
2	Serum and urine chromium concentrations in elderly diabetics. <i>Biological Trace Element Research</i> , 1998 , 63, 231-7	4.5	35
1	Study of interfering nuclear reactions in determination of platinum group elements by neutron activation analysis. <i>Science in China Series A: Mathematics</i> , 1998 , 41, 551-556		