

Wenkun Zhu

List of Publications by Year in descending order

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133
papers

4,672
citations

76196

40
h-index

123241

61
g-index

133
all docs

133
docs citations

133
times ranked

3624
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Entropy Alloys as a Platform for Catalysis: Progress, Challenges, and Opportunities. <i>ACS Catalysis</i> , 2020, 10, 11280-11306.	5.5	308
2	Calcium-rich biochar from crab shell: An unexpected super adsorbent for dye removal. <i>Bioresource Technology</i> , 2018, 267, 510-516.	4.8	187
3	Advanced photocatalysts for uranium extraction: Elaborate design and future perspectives. <i>Coordination Chemistry Reviews</i> , 2022, 467, 214615.	9.5	170
4	Superhydrophilic and highly elastic monolithic sponge for efficient solar-driven radioactive wastewater treatment under one sun. <i>Journal of Hazardous Materials</i> , 2020, 392, 122350.	6.5	119
5	Tuning oxygenated functional groups on biochar for water pollution control: A critical review. <i>Journal of Hazardous Materials</i> , 2021, 420, 126547.	6.5	101
6	Highly enhanced adsorption performance to uranium(VI) by facile synthesized hydroxyapatite aerogel. <i>Journal of Hazardous Materials</i> , 2022, 423, 127184.	6.5	97
7	Highly selective and efficient removal of fluoride from ground water by layered Al-Zr-La Tri-metal hydroxide. <i>Applied Surface Science</i> , 2018, 435, 920-927.	3.1	94
8	Semiconducting Metal-Organic Frameworks Decorated with Spatially Separated Dual Cocatalysts for Efficient Uranium(VI) Photoreduction. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	94
9	Bioassembly of fungal hypha/graphene oxide aerogel as high performance adsorbents for U(VI) removal. <i>Chemical Engineering Journal</i> , 2018, 347, 407-414.	6.6	92
10	Efficient uranium reduction of bacterial cellulose-MoS ₂ heterojunction via the synergistically effect of Schottky junction and S-vacancies engineering. <i>Chemical Engineering Journal</i> , 2021, 406, 126791.	6.6	91
11	Natural polymer konjac glucomannan mediated assembly of graphene oxide as versatile sponges for water pollution control. <i>Carbohydrate Polymers</i> , 2018, 202, 425-433.	5.1	90
12	Bioassembly of fungal hyphae/carbon nanotubes composite as a versatile adsorbent for water pollution control. <i>Chemical Engineering Journal</i> , 2018, 339, 214-222.	6.6	88
13	Operando Oxygen Vacancies for Enhanced Activity and Stability toward Nitrogen Photofixation. <i>Advanced Energy Materials</i> , 2019, 9, 1902319.	10.2	88
14	Near-infrared light-driven photofixation of nitrogen over Ti ₃ C ₂ T _x /TiO ₂ hybrid structures with superior activity and stability. <i>Applied Catalysis B: Environmental</i> , 2020, 273, 119072.	10.8	86
15	Modulating oxygen coverage of Ti ₃ C ₂ T _x MXenes to boost catalytic activity for HCOOH dehydrogenation. <i>Nature Communications</i> , 2020, 11, 4251.	5.8	81
16	Efficient extraction of uranium in organics-containing wastewater over g-C ₃ N ₄ /GO hybrid nanosheets with type-II band structure. <i>Journal of Hazardous Materials</i> , 2020, 384, 121383.	6.5	79
17	Enhanced photoreduction of U(VI) on WO ₃ nanosheets by oxygen defect engineering. <i>Chemical Engineering Journal</i> , 2021, 416, 129164.	6.6	78
18	Bayberry tannin immobilized bovine serum albumin nanospheres: characterization, irradiation stability and selective removal of uranyl ions from radioactive wastewater. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15359-15370.	5.2	74

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19	Bioconcentration and bioassembly of N/S co-doped carbon with excellent stability for supercapacitors. <i>Applied Surface Science</i> , 2019, 488, 316-325.	3.1	68
20	Bio-Inspired Biomass-Derived Carbon Aerogels with Superior Mechanical Property for Oil/Water Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6458-6465.	3.2	61
21	In-situ biopreparation of biocompatible bacterial cellulose/graphene oxide composites pellets. <i>Applied Surface Science</i> , 2015, 338, 22-26.	3.1	59
22	Procedural growth of fungal hyphae/Fe ₃ O ₄ /graphene oxide as ordered-structure composites for water purification. <i>Chemical Engineering Journal</i> , 2019, 355, 777-783.	6.6	59
23	Cu-based nanocrystals on ZnO for uranium photoreduction: Plasmon-assisted activity and entropy-driven stability. <i>Applied Catalysis B: Environmental</i> , 2021, 288, 119978.	10.8	59
24	Encapsulating carbon-coated nano zero-valent iron particles with biomass-derived carbon aerogel for efficient uranium extraction from uranium-containing wastewater. <i>Journal of Cleaner Production</i> , 2022, 364, 132654.	4.6	58
25	Boosting the oxygen evolution activity over cobalt nitride nanosheets through optimizing the electronic configuration. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119894.	10.8	56
26	Three-dimensional C ₃ N ₅ /RGO aerogels with enhanced visible-light response and electron-hole separation efficiency for photocatalytic uranium reduction. <i>Chemical Engineering Journal</i> , 2022, 427, 131773.	6.6	56
27	Bioconcentration of organic dyes via fungal hyphae and their derived carbon fibers for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10710-10717.	5.2	54
28	Post-engineering of biochar via thermal air treatment for highly efficient promotion of uranium(VI) adsorption. <i>Bioresource Technology</i> , 2020, 298, 122576.	4.8	53
29	<i>Thalia dealbata</i> Inspired Anisotropic Cellular Biomass Derived Carbonaceous Aerogel. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17152-17159.	3.2	51
30	Fe Single-Atom Catalyst for Visible-Light-Driven Photofixation of Nitrogen Sensitized by Triphenylphosphine and Sodium Iodide. <i>ACS Catalysis</i> , 2020, 10, 5502-5510.	5.5	51
31	Metal-free 2D/2D C ₃ N ₅ /GO nanosheets with customized energy-level structure for radioactive nuclear wastewater treatment. <i>Journal of Hazardous Materials</i> , 2022, 422, 126912.	6.5	49
32	Fe-N co-doped SiO ₂ @TiO ₂ yolk-shell hollow nanospheres with enhanced visible light photocatalytic degradation. <i>Applied Surface Science</i> , 2018, 444, 355-363.	3.1	48
33	Introduction of cation vacancies and iron doping into TiO ₂ enabling efficient uranium photoreduction. <i>Journal of Hazardous Materials</i> , 2022, 423, 126935.	6.5	48
34	Biomass-derived composite aerogels with novel structure for removal/recovery of uranium from simulated radioactive wastewater. <i>Nanotechnology</i> , 2019, 30, 455602.	1.3	47
35	Integration of bio-inspired adsorption and photodegradation for the treatment of organics-containing radioactive wastewater. <i>Chemical Engineering Journal</i> , 2019, 364, 139-145.	6.6	47
36	Efficient removal of uranium from wastewater using pig manure biochar: Understanding adsorption and binding mechanisms. <i>Journal of Hazardous Materials</i> , 2022, 423, 127190.	6.5	46

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37	Oxygen-rich biochar from torrefaction: A versatile adsorbent for water pollution control. <i>Bioresource Technology</i> , 2019, 294, 122142.	4.8	44
38	Nano-zero-valent Fe/Ni particles loaded on collagen fibers immobilized by bayberry tannin as an effective reductant for uranyl in aqueous solutions. <i>Applied Surface Science</i> , 2020, 507, 145075.	3.1	43
39	Tellurium nanowires wrapped by surface oxidized tin disulfide nanosheets achieves efficient photocatalytic reduction of U(VI). <i>Chemical Engineering Journal</i> , 2021, 426, 130756.	6.6	42
40	Boosting the Loading of Metal Single Atoms via a Bioconcentration Strategy. <i>Small</i> , 2020, 16, e1905920.	5.2	40
41	Hybridization of Defective Tin Disulfide Nanosheets and Silver Nanowires Enables Efficient Electrochemical Reduction of CO ₂ into Formate and Syngas. <i>Small</i> , 2019, 15, e1904882.	5.2	39
42	Enhanced uranium photoreduction on Ti ₃ C ₂ T _x MXene by modulation of surface functional groups and deposition of plasmonic metal nanoparticles. <i>Journal of Hazardous Materials</i> , 2022, 426, 127823.	6.5	38
43	Large-scale and facile synthesis of a porous high-entropy alloy CrMnFeCoNi as an efficient catalyst. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18318-18326.	5.2	37
44	Atomic-level insights in tuning defective structures for nitrogen photofixation over amorphous SmOCl nanosheets. <i>Nano Energy</i> , 2019, 65, 104003.	8.2	36
45	Ultra-high nitrogen content biomass carbon supercapacitors and nitrogen forms analysis. <i>Journal of Alloys and Compounds</i> , 2019, 809, 151664.	2.8	36
46	Surface Oxygen Injection in Tin Disulfide Nanosheets for Efficient CO ₂ Electroreduction to Formate and Syngas. <i>Nano-Micro Letters</i> , 2021, 13, 189.	14.4	36
47	Natural Chrysotile-Based Nanowires Decorated with Monodispersed Ag Nanoparticles as a Highly Active and Reusable Hydrogenation Catalyst. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21465-21472.	1.5	35
48	Novel collagen waste derived Mn-doped nitrogen-containing carbon for supercapacitors. <i>Electrochimica Acta</i> , 2018, 285, 292-300.	2.6	35
49	A strategy of making waste profitable: Nitrogen doped cigarette butt derived carbon for high performance supercapacitors. <i>Energy</i> , 2019, 189, 116241.	4.5	35
50	Porous CuFe for Plasmon-Assisted N ₂ Photofixation. <i>ACS Energy Letters</i> , 2020, 5, 2444-2451.	8.8	35
51	Silver nanoparticles incorporated konjac glucomannan-montmorillonite nacre-like composite films for antibacterial applications. <i>Carbohydrate Polymers</i> , 2018, 197, 253-259.	5.1	34
52	Porous biochar generated from natural <i>Amorphophallus konjac</i> for high performance supercapacitors. <i>Applied Surface Science</i> , 2018, 448, 16-22.	3.1	33
53	Atomic-level insights into the activation of nitrogen via hydrogen-bond interaction toward nitrogen photofixation. <i>CheM</i> , 2021, 7, 2118-2136.	5.8	33
54	Naturally Dried, Double Nitrogen-Doped 3D Graphene Aerogels Modified by Plant Extracts for Multifunctional Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1172-1181.	3.2	32

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55	Efficient Photocatalytic Extraction of Uranium over Ethylenediamine Capped Cadmium Sulfide Telluride Nanobelts. ACS Applied Materials & Interfaces, 2021, 13, 11968-11976.	4.0	32
56	One-step hydrothermal synthesis of iron and nitrogen co-doped TiO ₂ nanotubes with enhanced visible-light photocatalytic activity. CrystEngComm, 2015, 17, 8368-8376.	1.3	30
57	Biom mineralization of varied calcium carbonate crystals by the synergistic effect of silk fibroin/magnesium ions in a microbial system. CrystEngComm, 2018, 20, 2366-2373.	1.3	30
58	Bioinspired enhancement of chitosan nanocomposite films via Mg-ACC crystallization, their robust, hydrophobic and biocompatible. Applied Surface Science, 2018, 459, 129-137.	3.1	30
59	Decoration of In nanoparticles on In ₂ S ₃ nanosheets enables efficient electrochemical reduction of CO ₂ . Chemical Communications, 2020, 56, 4212-4215.	2.2	30
60	Encapsulating Ag nanoparticles into ZIF-8 as an efficient strategy to boost uranium photoreduction without sacrificial agents. Journal of Materials Chemistry A, 2021, 9, 9809-9814.	5.2	30
61	Sponge-inspired reassembly of 3D hydrolyzed collagen aerogel with polyphenol-functionalization for ultra-capturing iodine from airborne effluents. Chemical Engineering Journal, 2022, 428, 131322.	6.6	28
62	High-Strength Konjac Glucomannan/Silver Nanowires Composite Films with Antibacterial Properties. Materials, 2017, 10, 524.	1.3	27
63	Waste cigarette filters: activated carbon as a novel sorbent for uranium removal. Journal of Radioanalytical and Nuclear Chemistry, 2019, 320, 725-731.	0.7	26
64	Au atoms doped in Ti ₃ C ₂ T _x MXene: Benefiting recovery of oxygen vacancies towards photocatalytic aerobic oxidation. Nano Research, 2022, 15, 2862-2869.	5.8	25
65	<i>Marinobacter</i> sp. Stable Hydrous Titanium Oxide-Functionalized Bovine Serum Albumin Nanospheres for Uranium Capture from Spiked Seawater. ACS Applied Materials & Interfaces, 2019, 11, 40898-40908.	4.0	24
66	One-step synthesis of nitrogen-doped wood derived carbons as advanced electrodes for supercapacitor applications. New Journal of Chemistry, 2019, 43, 3649-3652.	1.4	24
67	Harmonizing the energy band between adsorbent and semiconductor enables efficient uranium extraction. Chemical Engineering Journal, 2021, 420, 127645.	6.6	24
68	Hydrothermal preparation of CS@MnO ₂ with different morphologies for supercapacitor electrode materials. Materials Letters, 2018, 210, 329-332.	1.3	22
69	Achieving efficient photocatalytic uranium extraction within a record short period of 3 min by Up-conversion erbium doped ZnO nanosheets. Chemical Engineering Journal, 2022, 450, 138044.	6.6	22
70	Bioassembly of fungal hyphae/graphene oxide composite as high performance adsorbents for U(VI) removal. Applied Surface Science, 2018, 458, 226-235.	3.1	21
71	Mesoporous gold sponges: electric charge-assisted seed mediated synthesis and application as surface-enhanced Raman scattering substrates. Scientific Reports, 2015, 5, 16137.	1.6	20
72	Synergistically electronic tuning of metalloid CdSe nanorods for enhanced electrochemical CO ₂ reduction. Science China Materials, 2021, 64, 2997-3006.	3.5	20

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73	Design of 3D alumina-doped magnesium oxide aerogels with a high efficiency removal of uranium(U^{VI}) from wastewater. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2561-2574.	3.0	20
74	Efficient removal of uranium (VI) by nano-manganese oxide materials: A synthetic experimental and mechanism studies. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159069.	2.8	19
75	Highly efficient adsorptive extraction of uranium from wastewater by novel kaolin aerogel. <i>Science of the Total Environment</i> , 2022, 842, 156916.	3.9	18
76	High Performances of Artificial Nacre-Like Graphene Oxide-Carrageenan Bio-Nanocomposite Films. <i>Materials</i> , 2017, 10, 536.	1.3	17
77	Supercapacitors with high nitrogen content by cage-like <i>Ganoderma lucidum</i> spore. <i>Applied Surface Science</i> , 2019, 494, 230-238.	3.1	17
78	Space and structure activation of collagen fiber for high efficient capture iodine in off-gas. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 617, 126389.	2.3	17
79	Hydrous titanium oxide and bayberry tannin co-immobilized nano collagen fibrils for uranium extraction from seawater and recovery from nuclear wastewater. <i>Chemosphere</i> , 2022, 286, 131626.	4.2	17
80	Synthesis of Uranium Single Atom from Radioactive Wastewater for Enhanced Water Dissociation and Hydrogen Evolution. <i>Small</i> , 2022, 18, e2107444.	5.2	17
81	One step hydrothermal synthesis of 3D $CoS_2@MoS_2$ -NG for high performance supercapacitors. <i>Nanotechnology</i> , 2018, 29, 29LT01.	1.3	16
82	Interface assembly of specific recognition gripper wrapping on activated collagen fiber for synergistic capture effect of iodine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112216.	2.5	16
83	Sulfur edge in molybdenum disulfide nanosheets achieves efficient uranium binding and electrocatalytic extraction in seawater. <i>Nanoscale</i> , 2022, 14, 6285-6290.	2.8	16
84	Design of a renewable hydroxyapatite-biocalcarbon composite for the removal of uranium(VI) with high-efficiency adsorption performance. <i>Biochar</i> , 2022, 4, .	6.2	16
85	Crystallization of calcium carbonate mineral with hierarchical structures regulated by silk fibroin in microbial mineralization system. <i>Journal of Crystal Growth</i> , 2018, 493, 51-57.	0.7	15
86	Adsorption of Lead (II) from Aqueous Solution with High Efficiency by Hydrothermal Biochar Derived from Honey. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3441.	1.2	15
87	Uranium uptake from wastewater by the novel $Mn_xTi_{1-x}O_y$ composite materials: Performance and mechanism. <i>Environmental Pollution</i> , 2021, 284, 117392.	3.7	14
88	Hydrogen-incorporated vanadium dioxide nanosheets enable efficient uranium confinement and photoreduction. <i>Nano Research</i> , 2022, 15, 2943-2951.	5.8	14
89	Highly efficient uranium capture from wastewater by hydroxyapatite aerogels prepared with konjac gum as template. <i>Journal of Water Process Engineering</i> , 2022, 48, 102919.	2.6	14
90	Environment-friendly bio-materials based on cotton-carbon aerogel for strontium removal from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 553-560.	0.7	13

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91	Valorization of oxytetracycline fermentation residue through torrefaction into a versatile and recyclable adsorbent for water pollution control. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105397.	3.3	13
92	High efficiency adsorption of uranium in solution with magnesium oxide embedded horse manure-derived biochar. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106897.	3.3	13
93	3D hierarchical walnut-like CuO nanostructures: Preparation, characterization and their efficient catalytic activity for CO oxidation. <i>Physica B: Condensed Matter</i> , 2016, 493, 7-13.	1.3	12
94	A biomass carbon mass coated with modified TiO ₂ nanotube/graphene for photocatalysis. <i>New Journal of Chemistry</i> , 2017, 41, 4212-4219.	1.4	12
95	Mesoporous MnO ₂ /SBA-15 as a synergetic adsorbent for enhanced uranium adsorption. <i>New Journal of Chemistry</i> , 2020, 44, 13707-13715.	1.4	12
96	Elemental Doping Induced Sulfur Vacancies Enable Efficient Electrochemical Reduction of CO ₂ over CdS Nanorods. <i>Journal of Physical Chemistry C</i> , 2022, 126, 102-109.	1.5	12
97	Preparation and Performance of an Aging-Resistant Nanocomposite Film of Binary Natural Polymer-Graphene Oxide. <i>ACS Omega</i> , 2016, 1, 1173-1181.	1.6	11
98	Heavy metal fixation of lead-contaminated soil using <i>Morchella</i> mycelium. <i>Environmental Pollution</i> , 2021, 289, 117829.	3.7	11
99	In-situ oxidized tungsten disulfide nanosheets achieve ultrafast photocatalytic extraction of uranium through hydroxyl-mediated binding and reduction. <i>Nano Research</i> , 2022, 15, 8810-8818.	5.8	11
100	Fabricating a graphene oxide-bayberry tannin sponge for effective radionuclide removal. <i>Materials Research Express</i> , 2016, 3, 055002.	0.8	10
101	Bio-inspired and assembled fungal hyphae/carbon nanotubes aerogel for water-oil separation. <i>Nanotechnology</i> , 2019, 30, 275601.	1.3	10
102	Effect of phase evolution and acidity on the chemical stability of Zr1-Nd SiO ₄ /2 ceramics. <i>Ceramics International</i> , 2019, 45, 3052-3058.	2.3	10
103	<i>In situ</i> synthesis of oxidized MXene-based metal cobalt spinel nanocomposites for an excellent promotion in thermal decomposition of ammonium perchlorate. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4864-4877.	3.0	10
104	Effects of Montmorillonite on the Mineralization and Cementing Properties of Microbiologically Induced Calcium Carbonate. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-13.	1.0	9
105	Understanding the interfacial interactions of bioinspired chitosan-calcite nanocomposites by first principles molecular dynamics simulations and experimental FT-IR spectroscopy. <i>Carbohydrate Polymers</i> , 2019, 223, 115054.	5.1	9
106	In situ preparation of mycelium/bayberry tannin for the removal of strontium from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 495-504.	0.7	8
107	Nano-Montmorillonite Regulated Crystallization of Hierarchical Strontium Carbonate in a Microbial Mineralization System. <i>Materials</i> , 2019, 12, 1392.	1.3	8
108	Construction of novel magnesium oxide aerogel for highly efficient separation of uranium(VI) from wastewater. <i>Separation and Purification Technology</i> , 2022, 295, 121296.	3.9	8

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109	Synergistic metallogenesis of simulated radionuclide strontium by carbonate-mineralization bacteria/nano-montmorillonite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 333-341.	0.7	7
110	Konjac glucomannan-derived nitrogen-containing layered microporous carbon for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2020, 44, 1400-1406.	1.4	7
111	Coating of microbially produced calcium carbonate onto stone materials. <i>Science China Technological Sciences</i> , 2015, 58, 266-272.	2.0	6
112	Capture of Cs ⁺ and Sr ²⁺ from Aqueous Solutions by Using Cr Doped TiO ₂ Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3943-3950.	0.9	6
113	Photocatalysis: Operando Oxygen Vacancies for Enhanced Activity and Stability toward Nitrogen Photofixation (<i>Adv. Energy Mater.</i> 43/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970170.	10.2	6
114	Konjac Glucomannan Derived Carbon Aerogels for Multifunctional Applications. <i>Nano</i> , 2018, 13, 1850113.	0.5	5
115	Ternary Ag nanoparticles/natural-magnetic SiO ₂ -nanowires/reduced graphene oxide nanocomposites with highly visible photocatalytic activity for 4-nitrophenol reduction. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	5
116	Mineralization Mechanism of Mineralization Bacteria on Strontium Crystallization of Simulated Radionuclides. <i>Crystal Research and Technology</i> , 2020, 55, 1900133.	0.6	5
117	Beaded segments like bi-metallic nano-zero-valent iron-titanium for the fast and efficient adsorption and reduction of U(VI) in aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 613, 126080.	2.3	5
118	Making Waste Profitable: Yak Dung Derived Carbon for High-Performance Supercapacitors. <i>Nano</i> , 2021, 16, 2150087.	0.5	4
119	Electrochemical Oxidation of EDTA in Nuclear Wastewater Using Platinum Supported on Activated Carbon Fibers. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 819.	1.2	3
120	Rheological Properties of Graphene Oxide/Konjac Glucomannan Sol. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3592-3598.	0.9	3
121	Pressure-induced variation of structural, elastic, vibrational, thermodynamic properties and hardness of C11N4 polymorphs. <i>Results in Physics</i> , 2019, 14, 102453.	2.0	3
122	Communication—Porous Activated Carbon from Amorphophallus Konjac by One Step Method for High Performance Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2019, 166, A623-A625.	1.3	3
123	Preparation and properties of cotton stalk carbon/gold nanoparticles composite. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 471-479.	1.3	2
124	Connection of Ru nanoparticles with rich defects enables the enhanced electrochemical reduction of nitrogen. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 11491-11495.	1.3	2
125	A novel effect of combining microorganisms and graphene oxide for solidifying simulated nuclides strontium. <i>Journal of Environmental Radioactivity</i> , 2021, 227, 106507.	0.9	1
126	Large-scale synthesis of metal nanosheets as highly active catalysts: Combining accumulative roll-bonding and etching process. <i>Frontiers of Materials Science</i> , 2021, 15, 456-464.	1.1	1

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127	Preparation of novel porous Al ₂ O ₃ –SiO ₂ nanocomposites via solution-freeze-drying-calcination method for the efficient removal of uranium in solution. Nanotechnology, 2022, 33, 095705.	1.3	1
128	Constructing hotspots through star-shaped gold-copper alloy nanocrystals for laser initiation of explosives. Optics and Laser Technology, 2022, 152, 108120.	2.2	1
129	Design and preparation of core–shell AP@HNS composites with high safety and excellent thermal decomposition performance. RSC Advances, 2022, 12, 15329-15336.	1.7	1
130	Microbiological precipitation of strontium carbonate. , 2011, , .		0
131	Interaction between Graphene Oxide and the Mycelia ofMorchella sextelata. Nano, 2020, 15, 2050035.	0.5	0
132	Regulation of Active Oxygen Species by Grain Boundaries to Optimize Reaction Paths toward Aerobic Oxidations. Energy and Environmental Materials, 2021, 4, 444-450.	7.3	0
133	Synthesis of Uranium Single Atom from Radioactive Wastewater for Enhanced Water Dissociation and Hydrogen Evolution (Small 11/2022). Small, 2022, 18, .	5.2	0