Qi Liu

List of Publications by Year
in descending order

160 papers	5,126 citations	61984 43 h-index	118850 62 g-index
165 all docs	165 docs citations	165 times ranked	5790 citing authors

#	Article	IF	Citations
1	Fabrication of ZIF-8@SiO₂ Micro/Nano Hierarchical Superhydrophobic Surface on AZ31 Magnesium Alloy with Impressive Corrosion Resistance and Abrasion Resistance. ACS Applied Materials & Interfaces, 2017, 9, 11106-11115.	8.0	219
2	Preparation of Fe₃O₄@C@Layered Double Hydroxide Composite for Magnetic Separation of Uranium. Industrial & Engineering Chemistry Research, 2013, 52, 10152-10159.	3.7	140
3	A graphene oxide/amidoxime hydrogel for enhanced uranium capture. Scientific Reports, 2016, 6, 19367.	3.3	128
4	Hierarchically structured layered-double-hydroxides derived by ZIF-67 for uranium recovery from simulated seawater. Journal of Hazardous Materials, 2017, 338, 167-176.	12.4	125
5	Hierarchical FeCo₂O₄@polypyrrole Core/Shell Nanowires on Carbon Cloth for High-Performance Flexible All-Solid-State Asymmetric Supercapacitors. ACS Sustainable Chemistry and Engineering, 2018, 6, 14945-14954.	6.7	117
6	Fabrication of urchin-like NiCo₂(CO₃)_{1.5}(OH)₃@NiCo₂S₄ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. Journal of Materials Chemistry A, 2015, 3, 13308-13316.	10.3	101
7	Metallic and superhydrophilic nickel cobalt diselenide nanosheets electrodeposited on carbon cloth as a bifunctional electrocatalyst. Journal of Materials Chemistry A, 2018, 6, 17353-17360.	10.3	100
8	Graphene homogeneously anchored with Ni(OH)2 nanoparticles as advanced supercapacitor electrodes. CrystEngComm, 2013, 15, 10007.	2.6	99
9	Trisodium citrate assisted synthesis of ZnO hollow spheres via a facile precipitation route and their application as gas sensor. Journal of Materials Chemistry, 2011, 21, 10750.	6.7	92
10	Inâ€Situ Fabrication of MOFâ€Derived Coâ^'Co Layered Double Hydroxide Hollow Nanocages/Graphene Composite: A Novel Electrode Material with Superior Electrochemical Performance. Chemistry - A European Journal, 2017, 23, 14839-14847.	3.3	89
11	Highly efficient immobilization of uranium(VI) from aqueous solution by phosphonate-functionalized dendritic fibrous nanosilica (DFNS). Journal of Hazardous Materials, 2019, 363, 248-257.	12.4	88
12	Construction of mass-controllable mesoporous NiCo₂S₄ electrodes for high performance supercapacitors. Journal of Materials Chemistry A, 2014, 2, 19376-19382.	10.3	84
13	Optimizing the charge transfer process by designing Co₃O₄@PPy@MnO₂ ternary coreâ€“shell composite. Journal of Materials Chemistry A, 2014, 2, 12968-12973.	10.3	84
14	The synthesis of a manganese dioxideâ€“iron oxideâ€“graphene magnetic nanocomposite for enhanced uranium(<scp>vi</scp>) removal. New Journal of Chemistry, 2015, 39, 868-876.	2.8	84
15	Niâ€“Mn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium(<scp>vi</scp>) removal. Environmental Science: Nano, 2018, 5, 467-475.	4.3	77
16	Bovine Serum Albumin-Coated Graphene Oxide for Effective Adsorption of Uranium(VI) from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2017, 56, 3588-3598.	3.7	75
17	Tensor-based real-valued subspace approach for angle estimation in bistatic MIMO radar with unknown mutual coupling. Signal Processing, 2015, 116, 152-158.	3.7	74
18	Efficient extraction of uranium from aqueous solution using an amino-functionalized magnetic titanate nanotubes. Journal of Hazardous Materials, 2018, 353, 9-17.	12.4	74

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19	Graphene Oxide and Silver Ions Coassisted Zeolitic Imidazolate Framework for Antifouling and Uranium Enrichment from Seawater. ACS Sustainable Chemistry and Engineering, 2019, 7, 6185-6195.	6.7	73
20	Anti-Biofouling and Waterâ€"Stable Balanced Charged Metal Organic Framework-Based Polyelectrolyte Hydrogels for Extracting Uranium from Seawater. ACS Applied Materials & Interfaces, 2020, 12, 18012-18022.	8.0	73
21	Recovery of uranium(<scp>vi</scp>) from aqueous solutions using a modified honeycomb-like porous carbon material. Dalton Transactions, 2017, 46, 420-429.	3.3	68
22	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. Journal of Hazardous Materials, 2020, 381, 120984.	12.4	67
23	High U(vi) adsorption capacity by mesoporous Mg(OH)2 deriving from MgO hydrolysis. RSC Advances, 2013, 3, 23278.	3.6	66
24	Pâ€"p heterojunction CuO/CuCo₂O₄ nanotubes synthesized via electrospinning technology for detecting n-propanol gas at room temperature. Inorganic Chemistry Frontiers, 2017, 4, 1219-1230.	6.0	63
25	Synthesis of aluminananosheetsvia supercritical fluid technology with high uranyl adsorptive capacity. New Journal of Chemistry, 2013, 37, 366-372.	2.8	61
26	Water-repellent and corrosion-resistance properties of superhydrophobic and lubricant-infused super slippery surfaces. RSC Advances, 2017, 7, 44239-44246.	3.6	56
27	Superaerophobic Quaternary Niâ€"Coâ€"Sâ€"P Nanoparticles for Efficient Overall Water-Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 14639-14646.	6.7	56
28	Anti-bacterial and super-hydrophilic bamboo charcoal with amidoxime modified for efficient and selective uranium extraction from seawater. Journal of Colloid and Interface Science, 2021, 598, 455-463.	9.4	55
29	Rapid and efficient uranium(VI) capture by phytic acid/polyaniline/FeOOH composites. Journal of Colloid and Interface Science, 2018, 511, 1-11.	9.4	54
30	Nano-sized architectural design of multi-activity graphene oxide (GO) by chemical post-decoration for efficient uranium(VI) extraction. Journal of Hazardous Materials, 2019, 375, 320-329.	12.4	53
31	Mussel-inspired antifouling magnetic activated carbon for uranium recovery from simulated seawater. Journal of Colloid and Interface Science, 2019, 534, 172-182.	9.4	52
32	Defect-Induced Method for Preparing Hierarchical Porous Zrâ€"MOF Materials for Ultrafast and Large-Scale Extraction of Uranium from Modified Artificial Seawater. Industrial & Engineering Chemistry Research, 2019, 58, 1159-1166.	3.7	52
33	Facile growth of hollow porous NiO microspheres assembled from nanosheet building blocks and their high performance as a supercapacitor electrode. CrystEngComm, 2014, 16, 10389-10394.	2.6	51
34	Controllable synthesis and enhanced gas sensing properties of a single-crystalline WO₃â€"rGO porous nanocomposite. RSC Advances, 2017, 7, 14192-14199.	3.6	51
35	Efficient removal of uranium(<scp>vi</scp>) from simulated seawater with hyperbranched polyethylenimine (HPEI)-functionalized polyacrylonitrile fibers. New Journal of Chemistry, 2018, 42, 168-176.	2.8	51
36	Off-grid DOA estimation with nonconvex regularization via joint sparse representation. Signal Processing, 2017, 140, 171-176.	3.7	50

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37	Catalytic effect of CuO nanoplates, a graphene (G)/CuO nanocomposite and an Al/G/CuO composite on the thermal decomposition of ammonium perchlorate. RSC Advances, 2016, 6, 74155-74161.	3.6	49
38	Designed synthesis of Ag-functionalized Ni-doped In₂O₃ nanorods with enhanced formaldehyde gas sensing properties. Journal of Materials Chemistry C, 2019, 7, 7219-7229.	5.5	49
39	Surface hybridization of Ï€-conjugate structure cyclized polyacrylonitrile and radial microsphere shaped TiO2 for reducing U(VI) to U(IV). Journal of Hazardous Materials, 2021, 416, 125812.	12.4	49
40	Biosorption characteristics of Uranium (VI) from aqueous solution by pollen pini. Journal of Environmental Radioactivity, 2015, 150, 93-98.	1.7	47
41	DOA Estimation in Impulsive Noise via Low-Rank Matrix Approximation and Weakly Convex Optimization. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3603-3616.	4.7	47
42	Composite of hierarchical interpenetrating 3D hollow carbon skeleton from lotus pollen and hexagonal MnO₂ nanosheets for high-performance supercapacitors. Journal of Materials Chemistry A, 2015, 3, 9754-9762.	10.3	45
43	Hierarchical Niâ€“Al Layered Double Hydroxide In Situ Anchored onto Polyethylenimine-Functionalized Fibers for Efficient U(VI) Capture. ACS Sustainable Chemistry and Engineering, 2018, 6, 13385-13394.	6.7	45
44	The growth and assembly of the multidimensional hierarchical Ni₃S₂ for aqueous asymmetric supercapacitors. CrystEngComm, 2015, 17, 4495-4501.	2.6	44
45	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. Environmental Science: Nano, 2018, 5, 2346-2356.	4.3	44
46	Bioinspired Durable Antibacterial and Antifouling Coatings Based on Borneol Fluorinated Polymers: Demonstrating Direct Evidence of Antiadhesion. ACS Applied Materials & Interfaces, 2021, 13, 33417-33426.	8.0	44
47	Layer-by-layer inkjet printing GO film and Ag nanoparticles supported nickel cobalt layered double hydroxide as a flexible and binder-free electrode for supercapacitors. Journal of Colloid and Interface Science, 2019, 557, 691-699.	9.4	41
48	Efficient removal of U(<scp>vi</scp>) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO₂ coated magnetic microspheres. Inorganic Chemistry Frontiers, 2018, 5, 1321-1328.	6.0	39
49	Target Localization With Jammer Removal Using Frequency Diverse Array. IEEE Transactions on Vehicular Technology, 2020, 69, 11685-11696.	6.3	38
50	Uranium extraction using a magnetic CoFe₂O₄â€“graphene nanocomposite: kinetics and thermodynamics studies. New Journal of Chemistry, 2015, 39, 2832-2838.	2.8	36
51	Melamine modified graphene hydrogels for the removal of uranium(<scp>vi</scp>) from aqueous solution. New Journal of Chemistry, 2017, 41, 10899-10907.	2.8	36
52	A novel U(<scp>vi</scp>)-imprinted graphitic carbon nitride composite for the selective and efficient removal of U(<scp>vi</scp>) from simulated seawater. Inorganic Chemistry Frontiers, 2018, 5, 2218-2226.	6.0	36
53	Deft dipping combined with electrochemical reduction to obtain 3D electrochemical reduction graphene oxide and its applications in supercapacitors. Journal of Materials Chemistry A, 2014, 2, 1137-1143.	10.3	35
54	Multiple sheet-layered super slippery surfaces based on anodic aluminium oxide and its anticorrosion property. RSC Advances, 2015, 5, 70080-70085.	3.6	35

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55	Tube in tube ZnO/ZnCo₂O₄ nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. RSC Advances, 2017, 7, 11428-11438.	3.6	35
56	Polyethyleneimine-functionalized Luffa cylindrica for efficient uranium extraction. Journal of Colloid and Interface Science, 2018, 530, 538-546.	9.4	35
57	Rationally designed CuCo2O4@Ni(OH)2 with 3D hierarchical core-shell structure for flexible energy storage. Journal of Colloid and Interface Science, 2019, 557, 76-83.	9.4	35
58	Facile synthesis of magnetic carboxymethylcellulose nanocarriers for pH-responsive delivery of doxorubicin. New Journal of Chemistry, 2015, 39, 7340-7347.	2.8	34
59	Oneâ€Step Synthesis of Co₃O₄/Graphene Aerogels and Their Allâ€Solidâ€State Asymmetric Supercapacitor. European Journal of Inorganic Chemistry, 2017, 2017, 1143-1152.	2.0	34
60	Three-dimensional flower-like shaped Bi5O7I particles incorporation zwitterionic fluorinated polymers with synergistic hydration-photocatalytic for enhanced marine antifouling performance. Journal of Hazardous Materials, 2020, 389, 121854.	12.4	32
61	Manganese dioxide coreâ€“shell nanowires in situ grown on carbon spheres for supercapacitor application. CrystEngComm, 2014, 16, 4016.	2.6	31
62	Polypyrrole/cobalt ferrite/multiwalled carbon nanotubes as an adsorbent for removing uranium ions from aqueous solutions. Dalton Transactions, 2016, 45, 9166-9173.	3.3	31
63	Gridless One-Bit Direction-of-Arrival Estimation Via Atomic Norm Denoising. IEEE Communications Letters, 2020, 24, 2177-2181.	4.1	31
64	Designed synthesis of Co-doped sponge-like In₂O₃ for highly sensitive detection of acetone gas. CrystEngComm, 2019, 21, 1876-1885.	2.6	30
65	Three-dimensional hierarchical Co₃O₄nano/micro-architecture: synthesis and ethanol sensing properties. CrystEngComm, 2016, 18, 5728-5735.	2.6	29
66	Superhydrophobic nanoporous polymer-modified sponge for in situ oil/water separation. Chemosphere, 2020, 239, 124793.	8.2	29
67	Theoretical Prediction of the Potential Applications of Phenanthroline Derivatives in Separation of Transplutonium Elements. Inorganic Chemistry, 2020, 59, 11469-11480.	4.0	28
68	Mesoporous V₂O₅/Ketjin black nanocomposites for all-solid-state symmetric supercapacitors. CrystEngComm, 2015, 17, 1673-1679.	2.6	27
69	An anti-algae adsorbent for uranium extraction: l-Arginine functionalized graphene hydrogel loaded with Ag nanoparticles. Journal of Colloid and Interface Science, 2019, 543, 192-200.	9.4	27
70	Fast self-replenishing slippery surfaces with a 3D fibrous porous network for the healing of surface properties. Journal of Materials Chemistry A, 2019, 7, 24900-24907.	10.3	26
71	Preparation of magnetic calcium silicate hydrate for the efficient removal of uranium from aqueous systems. RSC Advances, 2015, 5, 5904-5912.	3.6	25
72	Porous tungsten trioxide nanolamellae with uniform structures for high-performance ethanol sensing. CrystEngComm, 2016, 18, 8411-8418.	2.6	25

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73	Constructing an Amino-reinforced amidoxime swelling layer on a Polyacrylonitrile surface for enhanced uranium adsorption from seawater. Journal of Colloid and Interface Science, 2022, 610, 1015-1026.	9.4	25
74	Fabrication of CeO₂/ZnCo₂O₄ nâ€“p heterostructured porous nanotubes via electrospinning technology for enhanced ethanol gas sensing performance. RSC Advances, 2016, 6, 101626-101637.	3.6	24
75	Swollen-layer constructed with polyamine on the surface of nano-polyacrylonitrile cloth used for extract uranium from seawater. Chemosphere, 2021, 271, 129548.	8.2	24
76	Robust sparse recovery via weakly convex optimization in impulsive noise. Signal Processing, 2018, 152, 84-89.	3.7	23
77	Construction of gel-like swollen-layer on Polyacrylonitrile Surface and Its Swelling Behavior and Uranium Adsorption Properties. Journal of Colloid and Interface Science, 2020, 576, 109-118.	9.4	23
78	Rank-One Matrix Approximation With â„“_p-Norm for Image Inpainting. IEEE Signal Processing Letters, 2020, 27, 680-684.	3.6	22
79	Synthesis of ketoxime-functionalized Fe₃O₄@C coreâ€“shell magnetic microspheres for enhanced uranium(<scp>vi</scp>) removal. RSC Advances, 2016, 6, 22179-22186.	3.6	21
80	Hierarchical flower like double-layer superhydrophobic films fabricated on AZ31 for corrosion protection and self-cleaning. New Journal of Chemistry, 2017, 41, 12767-12776.	2.8	21
81	Functionalized Sugarcane Bagasse for U(VI) Adsorption from Acid and Alkaline Conditions. Scientific Reports, 2018, 8, 793.	3.3	21
82	HFIPâ€Functionalized Co₃O₄ Microâ€Nanoâ€Octahedra/rGO as a Doubleâ€Layer Sensing Material for Chemical Warfare Agents. Chemistry - A European Journal, 2019, 25, 11892-11902.	3.3	21
83	Ultra-high mechanical property and multi-layer porous structure of amidoximation ethylene-acrylic acid copolymer balls for efficient and selective uranium adsorption from radioactive wastewater. Chemosphere, 2021, 280, 130722.	8.2	21
84	Design of mass-controllable NiCo₂S₄/Ketjen Black nanocomposite electrodes for high performance supercapacitors. CrystEngComm, 2015, 17, 7583-7591.	2.6	20
85	Sparsity-Aware DOA Estimation Scheme for Noncircular Source in MIMO Radar. Sensors, 2016, 16, 539.	3.8	20
86	Ultra-high flexibility amidoximated ethylene acrylic acid copolymer film synthesized by the mixed melting method for uranium adsorption from simulated seawater. Journal of Hazardous Materials, 2022, 426, 127808.	12.4	20
87	Conversion of Calcined Eggshells into Flowerâ€Like Hydroxyapatite Agglomerates by Solvothermal Method Using Hydrogen Peroxide/<scp><scp>N</scp></scp>,<scp><scp>N</scp></scp>â€Dimethylformamide Mixed Solvents. Journal of the American Ceramic Society, 2012, 95, 3377-3379.	3.8	18
88	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium(vi) capture. Environmental Science: Nano, 2018, 5, 1584-1594.	4.3	18
89	Classification of runnersâ€™ performance levels with concurrent prediction of biomechanical parameters using data from inertial measurement units. Journal of Biomechanics, 2020, 112, 110072.	2.1	18
90	Composites of hierarchical metalâ€“organic framework derived nitrogen-doped porous carbon and interpenetrating 3D hollow carbon spheres from lotus pollen for high-performance supercapacitors. New Journal of Chemistry, 2017, 41, 12835-12842.	2.8	17

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91	Three-dimensional heterostructured polypyrrole/nickel molybdate anchored on carbon cloth for high-performance flexible supercapacitors. Journal of Colloid and Interface Science, 2020, 574, 355-363.	9.4	17
92	Design and Implementation of a FPGA and DSP Based MIMO Radar Imaging System. Radioengineering, 2015, 24, 518-526.	0.6	16
93	Application of Chemical Doping and Architectural Design Principles To Fabricate Nanowire Co₂Ni₃ZnO₈ Arrays for Aqueous Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 20157-20167.	8.0	16
94	Longâ€Term Stability of a Liquidâ€Infused Coating with Antiâ€Corrosion and Antiâ€Icing Potentials on Al Alloy. ChemElectroChem, 2019, 6, 3911-3919.	3.4	16
95	Outstanding cavitation erosion resistance of hydrophobic polydimethylsiloxaneâ€based polyurethane coatings. Journal of Applied Polymer Science, 2019, 136, 47668.	2.6	16
96	In situ growth of ZnO nanorod arrays on cotton cloth for the removal of uranium(<scp>vi</scp>). RSC Advances, 2015, 5, 53433-53440.	3.6	15
97	$$extit{Ex},extit{situ}$$ Ex situ synthesis of G/ $$upalpha $$ Î± -. Bulletin of Materials Science, 2017, 40, 691-698.	1.7	15
98	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. ChemistrySelect, 2019, 4, 5437-5458.	1.5	15
99	Ionic liquid combined with NiCo2O4/rGO enhances electrochemical oxygen sensing. Talanta, 2020, 209, 120515.	5.5	15
100	Carbon Cloth Modified with Metalâ€Organic Framework Derived CC@CoMoO₄â€Co(OH)₂ Nanosheets Array as a Flexible Energyâ€Storage Material. ChemElectroChem, 2019, 6, 3355-3366.	3.4	14
101	Theoretical Insights into Transplutonium Element Separation with Electronically Modulated Phenanthroline-Derived Bis-Triazine Ligands. Inorganic Chemistry, 2021, 60, 10267-10279.	4.0	14
102	From Simulated to Visual Data: A Robust Low-Rank Tensor Completion Approach Using â„“ _p-Regression for Outlier Resistance. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3462-3474.	8.3	13
103	Enhancing adsorption of U(VI) onto EDTA modified L. cylindrica using epichlorohydrin and ethylenediamine as a bridge. Scientific Reports, 2017, 7, 44156.	3.3	12
104	Self-healing liquid-infused surfaces with high transparency for optical devices. MRS Communications, 2019, 9, 92-98.	1.8	12
105	Two-Dimensional Localization: Low-Rank Matrix Completion With Random Sampling in Massive MIMO System. IEEE Systems Journal, 2021, 15, 3628-3631.	4.6	12
106	The mussel-inspired micro-nano structure for antifouling:A flowering tree. Journal of Colloid and Interface Science, 2021, 603, 307-318.	9.4	12
107	The efficient immobilization of uranium(<scp>vi</scp>) by modified dendritic fibrous nanosilica (DFNS) using mussel bioglue. Inorganic Chemistry Frontiers, 2019, 6, 746-755.	6.0	12
108	Mussel-inspired polydopamine microspheres self-adhered on natural hemp fibers for marine uranium harvesting and photothermal-enhanced antifouling properties. Journal of Colloid and Interface Science, 2022, 622, 109-116.	9.4	12

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109	Real-Valued Reweighted <i>l</i>₁ Norm Minimization Method Based on Data Reconstruction in MIMO Radar. IEICE Transactions on Communications, 2015, E98.B, 2307-2313.	0.7	11
110	Direction of arrival estimation via reweighted $$l_1$$ l 1 norm penalty algorithm for monostatic MIMO radar. Multidimensional Systems and Signal Processing, 2018, 29, 733-744.	2.6	11
111	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. Chemistry - A European Journal, 2019, 25, 590-597.	3.3	11
112	Synergistically Improved Antifouling Efficiency of a Bioinspired Self-renewing Interface via a Borneol/Boron Acrylate Polymer. Journal of Colloid and Interface Science, 2022, 612, 459-466.	9.4	11
113	Study of structural transformations and phases formation upon calcination of Znâ€“Niâ€“Al hydrotalcite nanosheets. Bulletin of Materials Science, 2011, 34, 183-189.	1.7	10
114	Synthesis of exfoliated titanium dioxide nanosheets/nickelâ€“aluminum layered double hydroxide as a novel electrode for supercapacitors. RSC Advances, 2015, 5, 49204-49210.	3.6	10
115	Optimum Codesign for Image Denoising Between Type-2 Fuzzy Identifier and Matrix Completion Denoiser. IEEE Transactions on Fuzzy Systems, 2022, 30, 287-292.	9.8	10
116	Efficient Low-Rank Matrix Factorization Based on â„“_{1,Îµ}-Norm for Online Background Subtraction. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4900-4904.	8.3	10
117	Uranium(vi) adsorption on alumina hollow microspheres synthesized via a facile self-templating process. RSC Advances, 2013, 3, 6621.	3.6	9
118	Magnesium carbonate basic coating on cotton cloth as a novel adsorbent for the removal of uranium. RSC Advances, 2015, 5, 23144-23151.	3.6	9
119	Smoothed sparse recovery via locally competitive algorithm and forward Euler discretization method. Signal Processing, 2019, 157, 97-102.	3.7	9
120	Slippery-Liquid-Infused Electrostatic Flocking Surfaces for Marine Antifouling Application. Langmuir, 2021, 37, 10020-10028.	3.5	9
121	Combination therapeutics of doxorubicin with Fe₃O₄@chitosan@phytic acid nanoparticles for multi-responsive drug delivery. RSC Advances, 2016, 6, 88248-88254.	3.6	8
122	Effect of the synthesis method on the performance of Fe3O4â€“inositol hexaphosphate as a drug delivery vehicle for combination therapeutics with doxorubicin. New Journal of Chemistry, 2017, 41, 5305-5312.	2.8	8
123	A high-order control volume finite element method for 3-D transient heat conduction analysis of multilayer functionally graded materials. Numerical Heat Transfer, Part B: Fundamentals, 2018, 73, 363-385.	0.9	8
124	A High Order Control Volume Finite Element Method for Transient Heat Conduction Analysis of Multilayer Functionally Graded Materials with Mixed Grids. Journal of Thermal Science, 2020, 29, 144-158.	1.9	8
125	Development and characterization of size controlled polymeric microcapsules loaded with superparamagnetic nanoparticles. Polymer Composites, 2013, 34, 443-449.	4.6	7
126	Interface chemistry engineering in electrode systems for electrochemical energy storage. RSC Advances, 2014, 4, 37491-37502.	3.6	7

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127	Fabrication and markedly enhanced white up-conversion emission of coreâ€“shell structured NaGdF₄:Tm³⁺/Yb³⁺/Ho³⁺@SiO₂. New Journal of Chemistry, 2014, 38, 611-615.	2.8	7
128	Electrochemical Mixâ€Reduction Process of U and Uâ€Fe Alloys on the Surface of Cathode in LiClâ€KClâ€U₃O₈ at 773â€...K. ChemElectroChem, 2018, 5, 2738-2746.	3.4	7
129	Fully Repairable Slippery Organogel Surfaces with Reconfigurable Paraffin-Based Framework for Universal Antiadhesion. ACS Applied Materials & Interfaces, 2020, 12, 39807-39816.	8.0	7
130	Spike-Event-Driven Deep Spiking Neural Network With Temporal Encoding. IEEE Signal Processing Letters, 2021, 28, 484-488.	3.6	7
131	Secretion mechanism and adhesive mechanism of diatoms: Direct evidence from the quantitative analysis. Micron, 2021, 140, 102951.	2.2	6
132	DOA and Range Estimation for FDA-MIMO Radar with Sparse Bayesian Learning. Remote Sensing, 2021, 13, 2553.	4.0	6
133	A control volume finite element method for the thermoelastic problem in functional graded material with one relaxation time. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 2554-2569.	2.1	6
134	An Efficient Super-Resolution DOA Estimator Based on Grid Learning. Radioengineering, 2019, 28, 785-792.	0.6	5
135	Photocatalytic antifouling coating based on carbon nitride with dynamic acrylate boron fluorinated polymers. New Journal of Chemistry, 2021, 45, 780-787.	2.8	5
136	High-Resolution and Wide-Swath SAR Imaging With Sub-Band Frequency Diverse Array. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 172-183.	4.7	5
137	Hierarchically porous MgAl mixed metal oxide synthesized by sudden decomposition of MgAl layered double hydroxide gel. New Journal of Chemistry, 2013, 37, 2128.	2.8	4
138	Rational design of sandwich-like exfoliated nickel hydroxideâ€“carbon nanotubes as a novel electrode for supercapacitors. RSC Advances, 2016, 6, 70999-71005.	3.6	4
139	Self-Adjusting Lubricant-Infused Porous Hydrophobic Sticky Surfaces: Programmable Time Delay Switch for Smart Control of the Dropâ€™s Slide. ACS Applied Materials & Interfaces, 2019, 11, 43681-43688.	8.0	4
140	The tactics of ship collision avoidance based on Quantumâ€behaved Wolf Pack Algorithm. Concurrency Computation Practice and Experience, 2020, 32, e5196.	2.2	4
141	A UWB 3D Localization Algorithm Based on Residual Weighting. , 2020, , .		4
142	HuRAI: A brain-inspired computational model for human-robot auditory interface. Neurocomputing, 2021, 465, 103-113.	5.9	4
143	Impact of addition sheet-like cobalt in ionic liquids mixture to detect oxygen. Talanta, 2017, 172, 182-185.	5.5	3
144	A high-order control volume finite element method for thermoelastic analysis of functionally graded solids with mixed grids. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3994-4013.	2.1	3

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145	Construction of Bi/Bi₅O₇I anchored on a polymer with boosted interfacial charge transfer for biofouling resistance and photocatalytic H₂ evolution. Catalysis Science and Technology, 2021, 11, 1330-1336.	4.1	3
146	Three-Dimensional Speaker Localization: Audio-Refined Visual Scaling Factor Estimation. IEEE Signal Processing Letters, 2021, 28, 1405-1409.	3.6	3
147	A Neural-Inspired Architecture for EEG-Based Auditory Attention Detection. IEEE Transactions on Human-Machine Systems, 2022, 52, 668-676.	3.5	3
148	DOA Estimation by Two-Dimensional Interpolation in the Presence of Mutual Coupling. , 2020, , .		2
149	An Accurate Sparse Recovery Algorithm for Range-Angle Localization of Targets via Double-Pulse FDA-MIMO Radar. Wireless Communications and Mobile Computing, 2020, 2020, 1-12.	1.2	2
150	Fast Rank-Revealing QR Factorization for Two-Dimensional Frequency Estimation. IEEE Communications Letters, 2020, 24, 1240-1243.	4.1	2
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152	Parameter Tuning-Free Missing-Feature Reconstruction for Robust Sound Recognition. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 78-89.	10.8	2
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