

Qi Liu

List of Publications by Year in descending order

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160
papers

5,126
citations

61984

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all docs

165
docs citations

165
times ranked

5790
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	From Simulated to Visual Data: A Robust Low-Rank Tensor Completion Approach Using $\hat{\mu}$ -Regression for Outlier Resistance. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3462-3474.	8.3	13
4	Constructing three-dimensional network C, O Co-doped nitrogen-deficient carbon nitride regulated by acrylic fluoroboron overall marine antifouling. Journal of Colloid and Interface Science, 2022, 608, 1802-1812.	9.4	1
5	Efficient Low-Rank Matrix Factorization Based on $\hat{\mu}$ -Norm for Online Background Subtraction. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4900-4904.	8.3	10
6	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
7	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
8	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
9	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
10	A Neural-Inspired Architecture for EEG-Based Auditory Attention Detection. IEEE Transactions on Human-Machine Systems, 2022, 52, 668-676.	3.5	3
11	Secretion mechanism and adhesive mechanism of diatoms: Direct evidence from the quantitative analysis. Micron, 2021, 140, 102951.	2.2	6
12	Photocatalytic antifouling coating based on carbon nitride with dynamic acrylate boron fluorinated polymers. New Journal of Chemistry, 2021, 45, 780-787.	2.8	5
13	Two-Dimensional Localization: Low-Rank Matrix Completion With Random Sampling in Massive MIMO System. IEEE Systems Journal, 2021, 15, 3628-3631.	4.6	12
14	Construction of Bi/Bi ₅ O ₇ I anchored on a polymer with boosted interfacial charge transfer for biofouling resistance and photocatalytic H ₂ evolution. Catalysis Science and Technology, 2021, 11, 1330-1336.	4.1	3
15	Three-Dimensional Speaker Localization: Audio-Refined Visual Scaling Factor Estimation. IEEE Signal Processing Letters, 2021, 28, 1405-1409.	3.6	3
16	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
17	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
18	DOA and Range Estimation for FDA-MIMO Radar with Sparse Bayesian Learning. Remote Sensing, 2021, 13, 2553.	4.0	6

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19	Theoretical Insights into Transplutonium Element Separation with Electronically Modulated Phenanthroline-Derived Bis-Triazine Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 10267-10279.	4.0	14
20	Bioinspired Durable Antibacterial and Antifouling Coatings Based on Borneol Fluorinated Polymers: Demonstrating Direct Evidence of Antiadhesion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33417-33426.	8.0	44
21	Slippery-Liquid-Infused Electrostatic Flocking Surfaces for Marine Antifouling Application. <i>Langmuir</i> , 2021, 37, 10020-10028.	3.5	9
22	Surface hybridization of β -conjugate structure cyclized polyacrylonitrile and radial microsphere shaped TiO ₂ for reducing U(VI) to U(IV). <i>Journal of Hazardous Materials</i> , 2021, 416, 125812.	12.4	49
23	Anti-bacterial and super-hydrophilic bamboo charcoal with amidoxime modified for efficient and selective uranium extraction from seawater. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 455-463.	9.4	55
24	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. <i>Chemosphere</i> , 2021, 280, 130722.	8.2	21
25	HuRAI: A brain-inspired computational model for human-robot auditory interface. <i>Neurocomputing</i> , 2021, 465, 103-113.	5.9	4
26	The mussel-inspired micro-nano structure for antifouling:A flowering tree. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 307-318.	9.4	12
27	Spike-Event-Driven Deep Spiking Neural Network With Temporal Encoding. <i>IEEE Signal Processing Letters</i> , 2021, 28, 484-488.	3.6	7
28	Interstitial lung abnormalities: What do we know and how do we manage?. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1551-1561.	2.5	0
29	A control volume finite element method for the thermoelastic problem in functional graded material with one relaxation time. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 2554-2569.	2.1	6
30	Crawling and adhesion behavior of <i>Halamphora</i> sp. based on different parts of Folium Sennae-like film: Evaluation of analytical methods for anti-diatom experimental results. <i>Micron</i> , 2021, 152, 103178.	2.2	0
31	The tactics of ship collision avoidance based on Quantum-behaved Wolf Pack Algorithm. <i>Concurrency Computation Practice and Experience</i> , 2020, 32, e5196.	2.2	4
32	A High Order Control Volume Finite Element Method for Transient Heat Conduction Analysis of Multilayer Functionally Graded Materials with Mixed Grids. <i>Journal of Thermal Science</i> , 2020, 29, 144-158.	1.9	8
33	Mussel-inspired anti-biofouling and robust hybrid nanocomposite hydrogel for uranium extraction from seawater. <i>Journal of Hazardous Materials</i> , 2020, 381, 120984.	12.4	67
34	Ionic liquid combined with NiCo ₂ O ₄ /rGO enhances electrochemical oxygen sensing. <i>Talanta</i> , 2020, 209, 120515.	5.5	15
35	Superhydrophobic nanoporous polymer-modified sponge for in situ oil/water separation. <i>Chemosphere</i> , 2020, 239, 124793.	8.2	29
36	Three-dimensional flower-like shaped Bi ₅ O ₇ I particles incorporation zwitterionic fluorinated polymers with synergistic hydration-photocatalytic for enhanced marine antifouling performance. <i>Journal of Hazardous Materials</i> , 2020, 389, 121854.	12.4	32

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37	Classification of runners'™ performance levels with concurrent prediction of biomechanical parameters using data from inertial measurement units. <i>Journal of Biomechanics</i> , 2020, 112, 110072.	2.1	18
38	Theoretical Prediction of the Potential Applications of Phenanthroline Derivatives in Separation of Transplutonium Elements. <i>Inorganic Chemistry</i> , 2020, 59, 11469-11480.	4.0	28
39	Fully Repairable Slippery Organogel Surfaces with Reconfigurable Paraffin-Based Framework for Universal Antiadhesion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39807-39816.	8.0	7
40	DOA Estimation by Two-Dimensional Interpolation in the Presence of Mutual Coupling. , 2020, , .		2
41	Target Localization With Jammer Removal Using Frequency Diverse Array. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 11685-11696.	6.3	38
42	An Accurate Sparse Recovery Algorithm for Range-Angle Localization of Targets via Double-Pulse FDA-MIMO Radar. <i>Wireless Communications and Mobile Computing</i> , 2020, 2020, 1-12.	1.2	2
43	A UWB 3D Localization Algorithm Based on Residual Weighting. , 2020, , .		4
44	Rank-One Matrix Approximation With $\ell_{2,1}$ -Norm for Image Inpainting. <i>IEEE Signal Processing Letters</i> , 2020, 27, 680-684.	3.6	22
45	Three-dimensional heterostructured polypyrrole/nickel molybdate anchored on carbon cloth for high-performance flexible supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 355-363.	9.4	17
46	Gridless One-Bit Direction-of-Arrival Estimation Via Atomic Norm Denoising. <i>IEEE Communications Letters</i> , 2020, 24, 2177-2181.	4.1	31
47	Fast Rank-Revealing QR Factorization for Two-Dimensional Frequency Estimation. <i>IEEE Communications Letters</i> , 2020, 24, 1240-1243.	4.1	2
48	Anti-Biofouling and Water-Resistant Stable Balanced Charged Metal Organic Framework-Based Polyelectrolyte Hydrogels for Extracting Uranium from Seawater. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18012-18022.	8.0	73
49	Construction of gel-like swollen-layer on Polyacrylonitrile Surface and Its Swelling Behavior and Uranium Adsorption Properties. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 109-118.	9.4	23
50	Transform Domain: Design of Closed-Form Joint 2-D DOA Estimation Based on QR Decomposition. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 5318-5329.	2.0	2
51	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. <i>Chemistry - A European Journal</i> , 2019, 25, 590-597.	3.3	11
52	Superaerophobic Quaternary Ni-Co-S-P Nanoparticles for Efficient Overall Water-Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14639-14646.	6.7	56
53	HFIP-Functionalized Co ₃ O ₄ Micro-Nano-Octahedra/rGO as a Double-Layer Sensing Material for Chemical Warfare Agents. <i>Chemistry - A European Journal</i> , 2019, 25, 11892-11902.	3.3	21
54	DOA Estimation in Impulsive Noise via Low-Rank Matrix Approximation and Weakly Convex Optimization. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 3603-3616.	4.7	47

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55	Multidimensional Single-Tone Frequency Estimation Based on QR Decomposition. IEEE Access, 2019, 7, 68153-68159.	4.2	1
56	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
57	Self-Adjusting Lubricant-Infused Porous Hydrophobic Sticky Surfaces: Programmable Time Delay Switch for Smart Control of the Drop's Slide. ACS Applied Materials & Interfaces, 2019, 11, 43681-43688.	8.0	4
58	Rationally designed CuCo ₂ O ₄ @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
59	Designed synthesis of Co-doped sponge-like In ₂ O ₃ for highly sensitive detection of acetone gas. CrystEngComm, 2019, 21, 1876-1885.	2.6	30
60	Long-Term Stability of a Liquid-Infused Coating with Anti-Corrosion and Anti-Icing Potentials on Al Alloy. ChemElectroChem, 2019, 6, 3911-3919.	3.4	16
61	Carbon Cloth Modified with Metal-Organic Framework Derived CC@CoMoO ₄ @Co(OH) ₂ Nanosheets Array as a Flexible Energy Storage Material. ChemElectroChem, 2019, 6, 3355-3366.	3.4	14
62	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
63	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
64	Designed synthesis of Ag-functionalized Ni-doped In ₂ O ₃ nanorods with enhanced formaldehyde gas sensing properties. Journal of Materials Chemistry C, 2019, 7, 7219-7229.	5.5	49
65	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
66	Self-healing liquid-infused surfaces with high transparency for optical devices. MRS Communications, 2019, 9, 92-98.	1.8	12
67	Outstanding cavitation erosion resistance of hydrophobic polydimethylsiloxane-based polyurethane coatings. Journal of Applied Polymer Science, 2019, 136, 47668.	2.6	16
68	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
69	Accurate DOA Estimation Based on Real-Valued Singular Value Decomposition. , 2019, , .		0
70	An Efficient Super-Resolution DOA Estimator Based on Grid Learning. Radioengineering, 2019, 28, 785-792.	0.6	5
71	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
72	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

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73	Defect-Induced Method for Preparing Hierarchical Porous Zr ⁴⁺ -MOF Materials for Ultrafast and Large-Scale Extraction of Uranium from Modified Artificial Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 1159-1166.	3.7	52
74	A high-order control volume finite element method for thermoelastic analysis of functionally graded solids with mixed grids. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 3994-4013.	2.1	3
75	Smoothed sparse recovery via locally competitive algorithm and forward Euler discretization method. <i>Signal Processing</i> , 2019, 157, 97-102.	3.7	9
76	Highly efficient immobilization of uranium(VI) from aqueous solution by phosphonate-functionalized dendritic fibrous nanosilica (DFNS). <i>Journal of Hazardous Materials</i> , 2019, 363, 248-257.	12.4	88
77	The efficient immobilization of uranium(VI) by modified dendritic fibrous nanosilica (DFNS) using mussel biogel. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 746-755.	6.0	12
78	Direction of arrival estimation via reweighted $\ \cdot \ _1$ norm penalty algorithm for monostatic MIMO radar. <i>Multidimensional Systems and Signal Processing</i> , 2018, 29, 733-744.	2.6	11
79	Efficient removal of U(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO ₂ coated magnetic microspheres. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1321-1328.	6.0	39
80	Functionalized Sugarcane Bagasse for U(VI) Adsorption from Acid and Alkaline Conditions. <i>Scientific Reports</i> , 2018, 8, 793.	3.3	21
81	Ni ²⁺ /Mn LDH-decorated 3D Fe-inserted and N-doped carbon framework composites for efficient uranium(VI) removal. <i>Environmental Science: Nano</i> , 2018, 5, 467-475.	4.3	77
82	Polyethylenimine-functionalized <i>Luffa cylindrica</i> for efficient uranium extraction. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 538-546.	9.4	35
83	Efficient extraction of uranium from aqueous solution using an amino-functionalized magnetic titanate nanotubes. <i>Journal of Hazardous Materials</i> , 2018, 353, 9-17.	12.4	74
84	Rapid and efficient uranium(VI) capture by phytic acid/polyaniline/FeOOH composites. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 1-11.	9.4	54
85	Efficient removal of uranium(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI)-functionalized polyacrylonitrile fibers. <i>New Journal of Chemistry</i> , 2018, 42, 168-176.	2.8	51
86	Electrochemical Mix-Reduction Process of U and U-Fe Alloys on the Surface of Cathode in LiCl-KCl-U ₃ O ₈ at 773 K. <i>ChemElectroChem</i> , 2018, 5, 2697-2697.	3.4	1
87	A high-order control volume finite element method for 3-D transient heat conduction analysis of multilayer functionally graded materials. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2018, 73, 363-385.	0.9	8
88	Hierarchical FeCo ₂ O ₄ @polypyrrole Core/Shell Nanowires on Carbon Cloth for High-Performance Flexible All-Solid-State Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14945-14954.	6.7	117
89	Hierarchical Ni ²⁺ /Al Layered Double Hydroxide In Situ Anchored onto Polyethylenimine-Functionalized Fibers for Efficient U(VI) Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13385-13394.	6.7	45
90	Robust sparse recovery via weakly convex optimization in impulsive noise. <i>Signal Processing</i> , 2018, 152, 84-89.	3.7	23

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91	Phosphatidyl-assisted fabrication of graphene oxide nanosheets with multiple active sites for uranium(vi) capture. <i>Environmental Science: Nano</i> , 2018, 5, 1584-1594.	4.3	18
92	Electrochemical Mixâ€Reduction Process of U and Uâ€Fe Alloys on the Surface of Cathode in LiClâ€KClâ€U₃O₈ at 773â€K. <i>ChemElectroChem</i> , 2018, 5, 2738-2746.	3.4	7
93	Metallic and superhydrophilic nickel cobalt diselenide nanosheets electrodeposited on carbon cloth as a bifunctional electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17353-17360.	10.3	100
94	A novel U(^{vi})-imprinted graphitic carbon nitride composite for the selective and efficient removal of U(^{vi}) from simulated seawater. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2218-2226.	6.0	36
95	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. <i>Environmental Science: Nano</i> , 2018, 5, 2346-2356.	4.3	44
96	Tube in tube ZnO/ZnCo₂O₄ nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. <i>RSC Advances</i> , 2017, 7, 11428-11438.	3.6	35
97	Fabrication of ZIF-8@SiO₂ Micro/Nano Hierarchical Superhydrophobic Surface on AZ31 Magnesium Alloy with Impressive Corrosion Resistance and Abrasion Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11106-11115.	8.0	219
98	Bovine Serum Albumin-Coated Graphene Oxide for Effective Adsorption of Uranium(VI) from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 3588-3598.	3.7	75
99	Controllable synthesis and enhanced gas sensing properties of a single-crystalline WO₃â€rGO porous nanocomposite. <i>RSC Advances</i> , 2017, 7, 14192-14199.	3.6	51
100	Hierarchically structured layered-double-hydroxides derived by ZIF-67 for uranium recovery from simulated seawater. <i>Journal of Hazardous Materials</i> , 2017, 338, 167-176.	12.4	125
101	Impact of addition sheet-like cobalt in ionic liquids mixture to detect oxygen. <i>Talanta</i> , 2017, 172, 182-185.	5.5	3
102	Pâ€p heterojunction CuO/CuCo₂O₄ nanotubes synthesized via electrospinning technology for detecting n-propanol gas at room temperature. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1219-1230.	6.0	63
103	Effect of the synthesis method on the performance of Fe3O4â€inositol hexaphosphate as a drug delivery vehicle for combination therapeutics with doxorubicin. <i>New Journal of Chemistry</i> , 2017, 41, 5305-5312.	2.8	8
104	Off-grid DOA estimation with nonconvex regularization via joint sparse representation. <i>Signal Processing</i> , 2017, 140, 171-176.	3.7	50
105	Enhancing adsorption of U(VI) onto EDTA modified <i>L. cylindrica</i> using epichlorohydrin and ethylenediamine as a bridge. <i>Scientific Reports</i> , 2017, 7, 44156.	3.3	12
106	Oneâ€Step Synthesis of Co₃O₄/Graphene Aerogels and Their Allâ€Solidâ€State Asymmetric Supercapacitor. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1143-1152.	2.0	34
107	Hierarchical flower like double-layer superhydrophobic films fabricated on AZ31 for corrosion protection and self-cleaning. <i>New Journal of Chemistry</i> , 2017, 41, 12767-12776.	2.8	21
108	Composites of hierarchical metalâ€organic framework derived nitrogen-doped porous carbon and interpenetrating 3D hollow carbon spheres from lotus pollen for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2017, 41, 12835-12842.	2.8	17

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109	Water-repellent and corrosion-resistance properties of superhydrophobic and lubricant-infused super slippery surfaces. RSC Advances, 2017, 7, 44239-44246.	3.6	56
110	Ex situ synthesis of G/α - . Bulletin of Materials Science, 2017, 40, 691-698.	1.7	15
111	In situ Fabrication of MOF-Derived Co ²⁺ /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
112	Melamine modified graphene hydrogels for the removal of uranium(^{VI}) from aqueous solution. New Journal of Chemistry, 2017, 41, 10899-10907.	2.8	36
113	Design of multifunctional phytate coated magnetic composites for combined therapy with antitumor drugs. New Journal of Chemistry, 2017, 41, 14898-14905.	2.8	0
114	Recovery of uranium(^{VI}) from aqueous solutions using a modified honeycomb-like porous carbon material. Dalton Transactions, 2017, 46, 420-429.	3.3	68
115	Sparsity-Aware DOA Estimation Scheme for Noncircular Source in MIMO Radar. Sensors, 2016, 16, 539.	3.8	20
116	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
117	Combination therapeutics of doxorubicin with Fe ₃ O ₄ @chitosan@phytic acid nanoparticles for multi-responsive drug delivery. RSC Advances, 2016, 6, 88248-88254.	3.6	8
118	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
119	Application of Chemical Doping and Architectural Design Principles To Fabricate Nanowire Co ₂ Ni ₃ ZnO ₈ Arrays for Aqueous Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 20157-20167.	8.0	16
120	Rational design of sandwich-like exfoliated nickel hydroxide-carbon nanotubes as a novel electrode for supercapacitors. RSC Advances, 2016, 6, 70999-71005.	3.6	4
121	Fabrication of CeO ₂ /ZnCo ₂ O ₄ n-p heterostructured porous nanotubes via electrospinning technology for enhanced ethanol gas sensing performance. RSC Advances, 2016, 6, 101626-101637.	3.6	24
122	Porous tungsten trioxide nanolamellae with uniform structures for high-performance ethanol sensing. CrystEngComm, 2016, 18, 8411-8418.	2.6	25
123	A graphene oxide/amidoxime hydrogel for enhanced uranium capture. Scientific Reports, 2016, 6, 19367.	3.3	128
124	Three-dimensional hierarchical Co ₃ O ₄ nano/micro-architecture: synthesis and ethanol sensing properties. CrystEngComm, 2016, 18, 5728-5735.	2.6	29
125	Synthesis of ketoxime-functionalized Fe ₃ O ₄ @C core-shell magnetic microspheres for enhanced uranium(^{VI}) removal. RSC Advances, 2016, 6, 22179-22186.	3.6	21
126	Real-Valued Reweighted ℓ_1/ℓ_2 Norm Minimization Method Based on Data Reconstruction in MIMO Radar. IEICE Transactions on Communications, 2015, E98.B, 2307-2313.	0.7	11

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127	Design and Implementation of a FPGA and DSP Based MIMO Radar Imaging System. <i>Radioengineering</i> , 2015, 24, 518-526.	0.6	16
128	In situ growth of ZnO nanorod arrays on cotton cloth for the removal of uranium(U^{VI}). <i>RSC Advances</i> , 2015, 5, 53433-53440.	3.6	15
129	Synthesis of exfoliated titanium dioxide nanosheets/nickel–aluminum layered double hydroxide as a novel electrode for supercapacitors. <i>RSC Advances</i> , 2015, 5, 49204-49210.	3.6	10
130	Mesoporous $\text{V}_2\text{O}_5/\text{Ketjin}$ black nanocomposites for all-solid-state symmetric supercapacitors. <i>CrystEngComm</i> , 2015, 17, 1673-1679.	2.6	27
131	Facile synthesis of magnetic carboxymethylcellulose nanocarriers for pH-responsive delivery of doxorubicin. <i>New Journal of Chemistry</i> , 2015, 39, 7340-7347.	2.8	34
132	The growth and assembly of the multidimensional hierarchical Ni_3S_2 for aqueous asymmetric supercapacitors. <i>CrystEngComm</i> , 2015, 17, 4495-4501.	2.6	44
133	Uranium extraction using a magnetic CoFe_2O_4 –graphene nanocomposite: kinetics and thermodynamics studies. <i>New Journal of Chemistry</i> , 2015, 39, 2832-2838.	2.8	36
134	Magnesium carbonate basic coating on cotton cloth as a novel adsorbent for the removal of uranium. <i>RSC Advances</i> , 2015, 5, 23144-23151.	3.6	9
135	Composite of hierarchical interpenetrating 3D hollow carbon skeleton from lotus pollen and hexagonal MnO_2 nanosheets for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9754-9762.	10.3	45
136	Fabrication of urchin-like $\text{NiCo}_2(\text{CO}_3)_{1.5}(\text{OH})_3 @ \text{NiCo}_2\text{S}_4$ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13308-13316.	10.3	101
137	Multiple sheet-layered super slippery surfaces based on anodic aluminium oxide and its anticorrosion property. <i>RSC Advances</i> , 2015, 5, 70080-70085.	3.6	35
138	Tensor-based real-valued subspace approach for angle estimation in bistatic MIMO radar with unknown mutual coupling. <i>Signal Processing</i> , 2015, 116, 152-158.	3.7	74
139	Design of mass-controllable $\text{NiCo}_2\text{S}_4/\text{Ketjen}$ Black nanocomposite electrodes for high performance supercapacitors. <i>CrystEngComm</i> , 2015, 17, 7583-7591.	2.6	20
140	Biosorption characteristics of Uranium (VI) from aqueous solution by pollen pini. <i>Journal of Environmental Radioactivity</i> , 2015, 150, 93-98.	1.7	47
141	Preparation of magnetic calcium silicate hydrate for the efficient removal of uranium from aqueous systems. <i>RSC Advances</i> , 2015, 5, 5904-5912.	3.6	25
142	The synthesis of a manganese dioxide–iron oxide–graphene magnetic nanocomposite for enhanced uranium(U^{VI}) removal. <i>New Journal of Chemistry</i> , 2015, 39, 868-876.	2.8	84
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