

# Dan Xiao

## List of Publications by Year in descending order

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287  
papers

11,198  
citations

34016

52  
h-index

43802

91  
g-index

293  
all docs

293  
docs citations

293  
times ranked

14900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Microwave-Assisted Green Synthesis of 3D Hierarchical Flower-Shaped NiCo <sub>2</sub> O <sub>4</sub> Microsphere for High-Performance Supercapacitor. ACS Applied Materials & Interfaces, 2014, 6, 1773-1780.	4.0	477
2	An improved sensitivity non-enzymatic glucose sensor based on a CuO nanowire modified Cu electrode. Analyst, The, 2008, 133, 126-132.	1.7	449
3	Stretchable All-Gel-State Fiber-Shaped Supercapacitors Enabled by Macromolecularly Interconnected 3D Graphene/Nanostructured Conductive Polymer Hydrogels. Advanced Materials, 2018, 30, e1800124.	11.1	396
4	Understanding the inter-site distance effect in single-atom catalysts for oxygen electroreduction. Nature Catalysis, 2021, 4, 615-622.	16.1	336
5	Nitrogen-rich porous carbon derived from biomass as a high performance anode material for lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 6534-6541.	5.2	305
6	Direct growth of NiCo <sub>2</sub> O <sub>4</sub> nanostructures on conductive substrates with enhanced electrocatalytic activity and stability for methanol oxidation. Nanoscale, 2013, 5, 7388.	2.8	290
7	Metallic Co <sub>2</sub> P ultrathin nanowires distinguished from CoP as robust electrocatalysts for overall water-splitting. Green Chemistry, 2016, 18, 1459-1464.	4.6	254
8	An Organ-Like Titanium Carbide Material (MXene) with Multilayer Structure Encapsulating Hemoglobin for a Mediator-Free Biosensor. Journal of the Electrochemical Society, 2015, 162, B16-B21.	1.3	240
9	Simultaneous determination of l-ascorbic acid, dopamine and uric acid with gold nanoparticles@ $\beta$ -cyclodextrin@graphene-modified electrode by square wave voltammetry. Talanta, 2012, 93, 79-85.	2.9	227
10	Hierarchically porous nitrogen-rich carbon derived from wheat straw as an ultra-high-rate anode for lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 9684-9690.	5.2	216
11	Influence of pH on the fluorescence properties of graphene quantum dots using ozonation pre-oxide hydrothermal synthesis. Journal of Materials Chemistry, 2012, 22, 25471.	6.7	196
12	Microwave-assisted synthesis of BSA-stabilized and HSA-protected gold nanoclusters with red emission. Journal of Materials Chemistry, 2012, 22, 1000-1005.	6.7	146
13	Rapid synthesis of three-dimensional flower-like cobalt sulfide hierarchitectures by microwave assisted heating method for high-performance supercapacitors. Electrochimica Acta, 2014, 123, 183-189.	2.6	143
14	Microwave-assisted synthesis of nanosphere-like NiCo <sub>2</sub> O <sub>4</sub> consisting of porous nanosheets and its application in electro-catalytic oxidation of methanol. Journal of Power Sources, 2014, 261, 317-323.	4.0	129
15	Three-dimensional coral-like cobalt selenide as an advanced electrocatalyst for highly efficient oxygen evolution reaction. Electrochimica Acta, 2016, 194, 59-66.	2.6	128
16	Homocysteine-protected gold-coated magnetic nanoparticles: synthesis and characterisation. Journal of Materials Chemistry, 2007, 17, 2418.	6.7	123
17	A trimetallic V@Co@Fe oxide nanoparticle as an efficient and stable electrocatalyst for oxygen evolution reaction. Journal of Materials Chemistry A, 2015, 3, 17763-17770.	5.2	121
18	Microwave-assisted non-aqueous homogenous precipitation of nanoball-like mesoporous $\gamma$ -Ni(OH) <sub>2</sub> as a precursor for NiOx and its application as a pseudocapacitor. Journal of Materials Chemistry, 2012, 22, 8029.	6.7	117

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19	High specific capacitance of CuS nanotubes in redox active polysulfide electrolyte. RSC Advances, 2013, 3, 1703-1708.	1.7	112
20	Three-dimensional amorphous tungsten-doped nickel phosphide microsphere as an efficient electrocatalyst for hydrogen evolution. Journal of Materials Chemistry A, 2014, 2, 18593-18599.	5.2	109
21	Probing Enhanced Site Activity of Co-Fe Bimetallic Subnanoclusters Derived from Dual Cross-Linked Hydrogels for Oxygen Electrocatalysis. ACS Energy Letters, 2019, 4, 1793-1802.	8.8	99
22	A one-step synthesis of Co-B/rGO at room temperature with synergistically enhanced electrocatalytic activity in neutral solution. Journal of Materials Chemistry A, 2014, 2, 18420-18427.	5.2	96
23	Phytic acid derived LiFePO <sub>4</sub> beyond theoretical capacity as high-energy density cathode for lithium ion battery. Nano Energy, 2017, 34, 408-420.	8.2	93
24	A Time-Dependent DFT Study of the Absorption and Fluorescence Properties of Graphene Quantum Dots. ChemPhysChem, 2014, 15, 950-957.	1.0	92
25	Rapid microwave-assisted fabrication of 3D cauliflower-like NiCo <sub>2</sub> S <sub>4</sub> architectures for asymmetric supercapacitors. RSC Advances, 2015, 5, 21604-21613.	1.7	91
26	Lithium and sodium storage in highly ordered mesoporous nitrogen-doped carbons derived from honey. Journal of Power Sources, 2016, 335, 20-30.	4.0	90
27	Facile Fabrication of Mn <sub>2</sub> O <sub>3</sub> Nanoparticle-Assembled Hierarchical Hollow Spheres and Their Sensing for Hydrogen Peroxide. ACS Applied Materials & Interfaces, 2015, 7, 9526-9533.	4.0	88
28	Supramolecular confinement of single Cu atoms in hydrogel frameworks for oxygen reduction electrocatalysis with high atom utilization. Materials Today, 2020, 35, 78-86.	8.3	88
29	A Sensitive Chemiluminescence Method for Determination of Hydroquinone and Catechol. Sensors, 2007, 7, 578-588.	2.1	85
30	Preparation of Silver Nanoparticle and Its Application to the Determination of ct-DNA. Sensors, 2007, 7, 708-718.	2.1	85
31	Three-Dimensional Co <sub>3</sub> O <sub>4</sub> Nanowires@Amorphous Ni(OH) <sub>2</sub> Ultrathin Nanosheets Hierarchical Structure for Electrochemical Energy Storage. Electrochimica Acta, 2016, 191, 758-766.	2.6	82
32	A facile large-scale microwave synthesis of highly fluorescent carbon dots from benzenediol isomers. Journal of Materials Chemistry C, 2014, 2, 5028-5035.	2.7	80
33	Porous NiCoP <i>in situ</i> grown on Ni foam using molten-salt electrodeposition for asymmetric supercapacitors. Journal of Materials Chemistry A, 2018, 6, 23746-23756.	5.2	74
34	A Strategy for the Construction of Controlled, Three-Dimensional, Multilayered, Tissue-Like Structures. Advanced Functional Materials, 2013, 23, 42-46.	7.8	71
35	Microwave-Assisted Chemical-Vapor-Induced <i>In Situ</i> Polymerization of Polyaniline Nanofibers on Graphite Electrode for High-Performance Supercapacitor. ACS Applied Materials & Interfaces, 2014, 6, 19978-19989.	4.0	69
36	Highly Active 3D-Nanoarray-Supported Oxygen-Evolving Electrode Generated From Cobalt-Phytate Nanoplates. Chemistry of Materials, 2016, 28, 153-161.	3.2	69

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37	Cation-Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence. <i>Advanced Functional Materials</i> , 2014, 24, 747-753.	7.8	68
38	One pot selective synthesis of water and organic soluble carbon dots with green fluorescence emission. <i>RSC Advances</i> , 2015, 5, 11667-11675.	1.7	68
39	Self-Replicating Catalyzed Hairpin Assembly for Rapid Signal Amplification. <i>Analytical Chemistry</i> , 2017, 89, 11971-11975.	3.2	68
40	Three-dimensional nanotube-array anode enables a flexible Ni/Zn fibrous battery to ultrafast charge and discharge in seconds. <i>Energy Storage Materials</i> , 2018, 12, 232-240.	9.5	66
41	Facile Fabrication of Porous CuS Nanotubes Using Well-Aligned [Cu(tu)Cl] $\frac{1}{2}$ H $\frac{2}{O}$ Nanowire Precursors as Self-Sacrificial Templates. <i>Crystal Growth and Design</i> , 2009, 9, 2546-2548.	1.4	63
42	N-Doped carbon dots: green and efficient synthesis on a large-scale and their application in fluorescent pH sensing. <i>New Journal of Chemistry</i> , 2017, 41, 10607-10612.	1.4	63
43	Development of a Fast and Sensitive Glucose Biosensor Using Iridium Complex-Doped Electrospun Optical Fibrous Membrane. <i>Analytical Chemistry</i> , 2013, 85, 1171-1176.	3.2	62
44	CE detector based on light-emitting diodes. <i>Electrophoresis</i> , 2007, 28, 233-242.	1.3	61
45	Coupling cobalt-iron bimetallic nitrides and N-doped multi-walled carbon nanotubes as high-performance bifunctional catalysts for oxygen evolution and reduction reaction. <i>Electrochimica Acta</i> , 2017, 258, 51-60.	2.6	61
46	A facile approach to synthesis coral-like nanoporous $\text{Ni}(\text{OH})_2$ and its supercapacitor application. <i>Journal of Power Sources</i> , 2013, 243, 721-727.	4.0	59
47	Enhanced Electrocatalytic Performance for Oxygen Reduction via Active Interfaces of Layer-By-Layered Titanium Nitride/Titanium Carbonitride Structures. <i>Scientific Reports</i> , 2014, 4, 6712.	1.6	59
48	Hydrogen peroxide assisted synthesis of $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ as high-performance cathode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2015, 280, 263-271.	4.0	57
49	Self-assembled hollow urchin-like $\text{NiCo}_2\text{O}_4$ microspheres for aqueous asymmetric supercapacitors. <i>RSC Advances</i> , 2015, 5, 7575-7583.	1.7	56
50	Pumpkin-Derived Porous Carbon for Supercapacitors with High Performance. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1828-1836.	1.7	56
51	A highly sensitive visual sensor for tetracycline in food samples by a double-signal response fluorescent nanohybrid. <i>Food Control</i> , 2020, 108, 106832.	2.8	54
52	Fast microwave synthesis of $\text{Fe}_3\text{O}_4$ and $\text{Fe}_3\text{O}_4/\text{Ag}$ magnetic nanoparticles using $\text{Fe}^{2+}$ as precursor. <i>Inorganic Materials</i> , 2010, 46, 1106-1111.	0.2	53
53	Heteroatom doped porous carbon derived from hair as an anode with high performance for lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 63784-63791.	1.7	53
54	Enhancing catalytic formaldehyde oxidation on $\text{CuO}/\text{Ag}_2\text{O}$ nanowires for gas sensing and hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14736.	5.2	52

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55	Target-catalyzed autonomous assembly of dendrimer-like DNA nanostructures for enzyme-free and signal amplified colorimetric nucleic acids detection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 985-989.	5.3	51
56	Recent progress in conductive polymers for advanced fiber-shaped electrochemical energy storage devices. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1140-1163.	3.2	51
57	Ultra-fast pyrolysis of ferrocene to form Fe/C heterostructures as robust oxygen evolution electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21577-21584.	5.2	50
58	A phytic acid etched Ni/Fe nanostructure based flexible network as a high-performance wearable hybrid energy storage device. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3274-3283.	5.2	48
59	Superficial-defect engineered nickel/iron oxide nanocrystals enable high-efficient flexible fiber battery. <i>Energy Storage Materials</i> , 2018, 13, 160-167.	9.5	48
60	Optical fiber light-emitting diode-induced fluorescence detection for capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 461-467.	1.3	47
61	Sulfide Sensor Based on Room-Temperature Phosphorescence of PbO/SiO <sub>2</sub> Nanocomposite. <i>Analytical Chemistry</i> , 2010, 82, 1705-1711.	3.2	47
62	Preparation of quinone modified graphene-based fiber electrodes and its application in flexible asymmetrical supercapacitor. <i>Electrochimica Acta</i> , 2020, 336, 135628.	2.6	47
63	Fast microwave-assisted synthesis of AuAg bimetallic nanoclusters with strong yellow emission and their response to mercury(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 386-392.	4.0	46
64	In-situ synthesis of fluorescent gold nanoclusters with electrospun fibrous membrane and application on Hg (II) sensing. <i>Biosensors and Bioelectronics</i> , 2013, 41, 875-879.	5.3	44
65	Confining intermediates within a catalytic nanoreactor facilitates nitrate-to-ammonia electrosynthesis. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121548.	10.8	44
66	Flow injection amperometric determination of acetaminophen at a gold nanoparticle modified carbon paste electrode. <i>Mikrochimica Acta</i> , 2009, 164, 387-393.	2.5	43
67	Fabrication of microporous and mesoporous carbon spheres for high-performance supercapacitor electrode materials. <i>International Journal of Energy Research</i> , 2015, 39, 805-811.	2.2	43
68	Integration of Functionalized Polyelectrolytes onto Carbon Dots for Synergistically Improving the Tribological Properties of Polyethylene Glycol. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 8794-8807.	4.0	43
69	Ultra-fast preparing carbon nanotube-supported trimetallic Ni, Ru, Fe heterostructures as robust bifunctional electrocatalysts for overall water splitting. <i>Chemical Engineering Journal</i> , 2021, 424, 130416.	6.6	43
70	All Solid-State pH Electrode Based on Titanium Nitride Sensitive Film. <i>Electroanalysis</i> , 2006, 18, 1493-1498.	1.5	42
71	Fabrication of N, P-codoped reduced graphene oxide and its application for organic dye removal. <i>Applied Surface Science</i> , 2018, 435, 281-289.	3.1	42
72	A FRET chemsensor based on graphene quantum dots for detecting and intracellular imaging of Hg <sup>2+</sup> . <i>Talanta</i> , 2015, 143, 442-449.	2.9	41

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73	A specific and biocompatible fluorescent sensor based on the hybrid of GFP chromophore and peptide for HSA detection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 489-495.	5.3	40
74	Coprecipitation fabrication and electrochemical performances of coral-like mesoporous NiO nanobars. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4690-4697.	5.2	39
75	Hierarchically Porous Nickel Oxide Nanosheets Grown on Nickel Foam Prepared by One-Step In Situ Anodization for High-Performance Supercapacitors. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1579-1585.	1.7	39
76	In situ formation of high performance Ni-phytate on Ni-foam for efficient electrochemical water oxidation. <i>Electrochemistry Communications</i> , 2017, 74, 42-47.	2.3	39
77	Synthesis of P-Doped and NiCo-Hybridized Graphene-Based Fibers for Flexible Asymmetrical Solid-State Micro-Energy Storage Device. <i>Small</i> , 2019, 15, e1803469.	5.2	39
78	A polyaniline microtube platform for direct electron transfer of glucose oxidase and biosensing applications. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1116-1124.	2.9	38
79	A Hydrogen-Evolving Hybrid-Electrolyte Battery with Electrochemical/Photoelectrochemical Charging from Water Oxidation. <i>ChemSusChem</i> , 2017, 10, 483-488.	3.6	38
80	CE with LED-based detection: An update. <i>Electrophoresis</i> , 2009, 30, 189-202.	1.3	37
81	The role of ozone in the ozonation process of graphene oxide: oxidation or decomposition?. <i>RSC Advances</i> , 2014, 4, 58325-58328.	1.7	37
82	A selective fluorescent probe based on bis-Schiff base for $\alpha$ -turn-on-detection of $Al^{3+}$ and cysteine by different mechanisms. <i>RSC Advances</i> , 2016, 6, 25420-25426.	1.7	37
83	Iron and nickel co-doped cobalt hydroxide nanosheets with enhanced activity for oxygen evolution reaction. <i>RSC Advances</i> , 2016, 6, 42255-42262.	1.7	37
84	Cobalt <sup>II</sup> /Iron Pyrophosphate Porous Nanosheets as Highly Active Electrocatalysts for the Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2018, 5, 36-43.	1.7	36
85	One-Step Electrodeposition of P-Doped Cobalt-Nickel Layered Double Hydroxides on Conductive Substrates and their Electrocatalytic Activity in Alkaline Media. <i>ChemElectroChem</i> , 2016, 3, 950-958.	1.7	35
86	A selective and sensitive fluorescent probe for the determination of HSA and trypsin. <i>Talanta</i> , 2017, 170, 562-568.	2.9	35
87	Fluorescence assay for alkaline phosphatase activity based on energy transfer from terbium to europium in lanthanide coordination polymer nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6008-6015.	2.9	35
88	Building nanoparticle-stacking MoO <sub>2</sub> -CDs via in-situ carbon dots reduction as high-performance anode material for lithium ion and sodium ion batteries. <i>Electrochimica Acta</i> , 2019, 319, 740-752.	2.6	35
89	A robust water oxidation electrocatalyst from amorphous cobalt-iron bimetallic phytate nanostructures. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15888-15895.	5.2	34
90	Ultrasensitive Visual Detection of HIV DNA Biomarkers via a Multi-amplification Nanoplatfrom. <i>Scientific Reports</i> , 2016, 6, 23949.	1.6	34

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91	Microwave-assisted synthesis of the cobalt-iron phosphates nanosheets as an efficient electrocatalyst for water oxidation. <i>Electrochimica Acta</i> , 2018, 260, 420-429.	2.6	34
92	Core-shell copper oxide @ nickel/nickel-iron hydroxides nanoarrays enabled efficient bifunctional electrode for overall water splitting. <i>Electrochimica Acta</i> , 2019, 318, 695-702.	2.6	34
93	Donor-Acceptor Compensated ZnO Semiconductor for Photoelectrochemical Biosensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 33006-33014.	4.0	33
94	Target-triggered autonomous assembly of DNA polymer chains and its application in colorimetric nucleic acid detection. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3191-3194.	2.9	32
95	Conjugated alternating copolymers of fluorene and 2-pyridine-4-ylidenemalononitrile: synthesis, characterization and electroluminescent properties. <i>Journal of Materials Chemistry</i> , 2006, 16, 376-383.	6.7	31
96	Separation of tyrosine enantiomer derivatives by capillary electrophoresis with light-emitting diode-induced fluorescence detection. <i>Talanta</i> , 2009, 78, 1167-1172.	2.9	31
97	Improving the performance of a LiFePO <sub>4</sub> cathode based on electrochemically cleaved graphite oxides with high hydrophilicity and good conductivity. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7933.	5.2	31
98	N-doped carbon dots with high sensitivity and selectivity for hypochlorous acid detection and its application in water. <i>Analytical Methods</i> , 2015, 7, 5311-5317.	1.3	31
99	Unusual sequence length-dependent gold nanoparticles aggregation of the ssDNA sticky end and its application for enzyme-free and signal amplified colorimetric DNA detection. <i>Scientific Reports</i> , 2016, 6, 30878.	1.6	31
100	Novel light-emitting polymers derived from fluorene and maleimide. <i>Journal of Materials Chemistry</i> , 2003, 13, 1570.	6.7	30
101	A sensitive and selective chemosensor for ascorbic acid based on a fluorescent nitroxide switch. <i>Talanta</i> , 2015, 132, 191-196.	2.9	30
102	Surfactant-free gold nanoparticles: rapid and green synthesis and their greatly improved catalytic activities for 4-nitrophenol reduction. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1268-1272.	3.0	30
103	Template-free fabrication of hollow N-doped carbon sphere (h-NCS) to synthesize h-NCS@PANI positive material for MoO <sub>3</sub> /h-NCS@PANI asymmetric supercapacitor. <i>Applied Surface Science</i> , 2018, 442, 476-486.	3.1	30
104	A rapid and colorimetric biosensor based on GR-5 DNAzyme and self-replicating catalyzed hairpin assembly for lead detection. <i>Analytical Methods</i> , 2020, 12, 2215-2220.	1.3	30
105	Kinetics and Thermodynamics of Lead (II) Adsorption on Vermiculite. <i>Separation Science and Technology</i> , 2007, 42, 185-202.	1.3	29
106	Capillary column coated with graphene quantum dots for gas chromatographic separation of alkanes and aromatic isomers. <i>Analytical Methods</i> , 2015, 7, 3229-3237.	1.3	29
107	Direct growth of NiCo <sub>2</sub> S <sub>x</sub> nanostructures on stainless steel with enhanced electrocatalytic activity for methanol oxidation. <i>RSC Advances</i> , 2015, 5, 4092-4098.	1.7	29
108	A new luminol derivative as a fluorescent probe for trace analysis of copper(II). <i>Mikrochimica Acta</i> , 2009, 164, 411-417.	2.5	28

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109	A simple and sensitive CE method for the simultaneous determination of catecholamines in urine with in-column optical fiber light-emitting diode-induced fluorescence detection. <i>Talanta</i> , 2011, 85, 1279-1284.	2.9	28
110	Separation of carbon quantum dots on a C18 column by binary gradient elution via HPLC. <i>Analytical Methods</i> , 2014, 6, 8124-8128.	1.3	28
111	Self-enhanced electrogenerated chemiluminescence of ruthenium(II) complexes conjugated with Schiff bases. <i>Dalton Transactions</i> , 2015, 44, 2208-2216.	1.6	28
112	Three-dimensional flexible electrode derived from low-cost nickel phytate with improved electrochemical performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9486-9495.	5.2	28
113	Self-assembly of DNA nanoparticles through multiple catalyzed hairpin assembly for enzyme-free nucleic acid amplified detection. <i>Talanta</i> , 2018, 179, 641-645.	2.9	28
114	High lithium and sodium anodic performance of nitrogen-rich ordered mesoporous carbon derived from alfalfa leaves by a ball-milling assisted template method. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17491-17502.	5.2	27
115	A fluorescent "on-off-on" probe for sensitive detection of ATP based on ATP displacing DNA from nanoceria. <i>Talanta</i> , 2018, 179, 285-291.	2.9	27
116	Highly Selective, Naked-Eye, and Trace Discrimination between Perfect-Match and Mismatch Sequences Using a Plasmonic Nanoplatform. <i>Analytical Chemistry</i> , 2018, 90, 7371-7376.	3.2	27
117	Enhanced electrochemical performance of C-NiO/NiCo <sub>2</sub> O <sub>4</sub> /AC asymmetric supercapacitor based on material design and device exploration. <i>Electrochimica Acta</i> , 2019, 296, 335-344.	2.6	27
118	Scalable and Sustainable Synthesis of Carbon Dots from Biomass as Efficient Friction Modifiers for Polyethylene Glycol Synthetic Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14997-15007.	3.2	27
119	CdS nanotubes thin film for electrochemiluminescence analysis of phenolic compounds. <i>Analytical Methods</i> , 2012, 4, 1053.	1.3	26
120	Novel efficient green electroluminescent conjugated polymers based on fluorene and triarylpyrazoline for light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2004, 14, 396-401.	6.7	25
121	Voltammetric determination of TBHQ at a glassy carbon electrode surface activated by in situ chemical oxidation. <i>Analyst</i> , 2014, 139, 3622-3628.	1.7	25
122	Adsorption of HCN on reduced graphene oxides: a first-principles study. <i>Journal of Molecular Modeling</i> , 2014, 20, 2214.	0.8	25
123	Highly selective and sensitive fluorescence probe based on thymine-modified carbon dots for Hg <sup>2+</sup> and l-cysteine detection. <i>RSC Advances</i> , 2015, 5, 89121-89127.	1.7	25
124	Ozone treatment of graphitic carbon nitride with enhanced photocatalytic activity under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 919-928.	5.0	25
125	Aqueous synthesis of Ag <sup>+</sup> -doped CdS quantum dots and its application in H <sub>2</sub> O <sub>2</sub> sensing. <i>Analytical Methods</i> , 2013, 5, 457-464.	1.3	24
126	Three-dimensional NiMoO <sub>4</sub> Nanosheets Supported on a Carbon Fibers@Pre-treated Ni Foam (CF@PNF) Substrate as Advanced Electrodes for Asymmetric Supercapacitors. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1745-1752.	1.7	24

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127	Photoanode-immobilized molecular cobalt-based oxygen-evolving complexes with enhanced solar-to-fuel efficiency. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11228-11233.	5.2	24
128	Tri-metallic phytate in situ electrodeposited on 3D Ni foam as a highly efficient electrocatalyst for enhanced overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18786-18792.	5.2	24
129	Sulfur and nitrogen dual-doped porous carbon nanosheet anode for sodium ion storage with a self-template and self-porogen method. <i>Applied Surface Science</i> , 2019, 481, 473-483.	3.1	24
130	One-step green synthesis of oil-dispersible carbonized polymer dots as eco-friendly lubricant additives with superior dispersibility, lubricity, and durability. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 762-774.	5.0	24
131	New series of highly phenyl-substituted polyfluorene derivatives for polymer light-emitting diodes. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2985-2993.	2.5	23
132	One-step sensitive thrombin detection based on a nanofibrous sensing platform. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5161-5169.	2.9	23
133	Self-Replication-Assisted Rapid Preparation of DNA Nanowires at Room Temperature and Its Biosensing Application. <i>Analytical Chemistry</i> , 2019, 91, 3043-3047.	3.2	23
134	Glucose photoelectrochemical enzyme sensor based on competitive reaction of ascorbic acid. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112466.	5.3	23
135	Surface <i>in situ</i> self-reconstructing hierarchical structures derived from ferrous carbonate as efficient bifunctional iron-based catalysts for oxygen and hydrogen evolution reactions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18367-18375.	5.2	23
136	Crystalline nickel boride nanoparticle agglomerates for enhanced electrocatalytic methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23074-23080.	3.8	22
137	Construction of hydrophobic interface on natural biomaterials for higher efficient and reversible radioactive iodine adsorption in water. <i>Journal of Hazardous Materials</i> , 2019, 368, 81-89.	6.5	22
138	High-crystallinity and high-rate Prussian Blue analogues synthesized at the oil/water interface. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2008-2016.	3.0	22
139	Fabrication of Porous Nitrogen-Doped Carbon Materials as Anodes for High-Performance Lithium Ion Batteries. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1293-1302.	2.6	21
140	Sensitive determination of sulfonamides in environmental water by capillary electrophoresis coupled with both silvering detection window and <i>in situ</i> capillary optical fiber light-emitting diode-induced fluorescence detector. <i>Electrophoresis</i> , 2017, 38, 452-459.	1.3	21
141	Boron- and Iron-incorporated $\text{Co(OH)}_2$ Ultrathin Nanosheets as an Efficient Oxygen Evolution Catalyst. <i>ChemElectroChem</i> , 2018, 5, 593-597.	1.7	21
142	Plasmonic nanoplatfom for point-of-care testing trace HCV core protein. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111488.	5.3	21
143	Phase Transfer-Mediated Degradation of Ether-Based Localized High-Concentration Electrolytes in Alkali Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	21
144	X-ray diffraction study of $\text{LiFePO}_4$ synthesized by hydrothermal method. <i>RSC Advances</i> , 2013, 3, 14652.	1.7	20

#	ARTICLE	IF	CITATIONS
145	Sodium storage in fluorine-rich mesoporous carbon fabricated by low-temperature carbonization of polyvinylidene fluoride with a silica template. <i>RSC Advances</i> , 2016, 6, 110850-110857.	1.7	20
146	Synthesis of amphiphilic carbon dots and their application for the analysis of iodine species ( $I_2$ , $I^{\cdot-}$ and $IO_3^-$ ) in highly saline water. <i>Analyst</i> , The, 2016, 141, 2508-2514.	1.7	20
147	Self-assembled hybrids with xanthate functionalized carbon nanotubes and electro-exfoliating graphene sheets for electrochemical sensing of copper ions. <i>Journal of Electroanalytical Chemistry</i> , 2016, 767, 100-107.	1.9	20
148	Sensitive and selective determination of GSH based on the ECL quenching of Ru(II) 1,10-phenanthroline-5,6-dione complex. <i>Biosensors and Bioelectronics</i> , 2016, 77, 182-187.	5.3	20
149	Preparation of manganese oxides coated porous carbon and its application for lead ion removal. <i>Carbohydrate Polymers</i> , 2019, 219, 306-315.	5.1	20
150	Facile synthesis of phosphorus-doped carbon under tuned temperature with high lithium and sodium anodic performances. <i>Journal of Colloid and Interface Science</i> , 2019, 551, 61-71.	5.0	20
151	Nitrogen/oxygen codoped hierarchical porous Carbons/Selenium cathode with excellent lithium and sodium storage behavior. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 265-274.	5.0	20
152	Liesegang rings of dendritic silver crystals emerging from galvanic displacement reaction in a liquid-phase solution. <i>RSC Advances</i> , 2012, 2, 4627.	1.7	19
153	Facile synthesis of functionalized carbon nanospheres for determination of $Cu^{2+}$ . <i>Analyst</i> , The, 2013, 138, 2073.	1.7	19
154	Molten-salt synthesis of lamellar $Ni(OH)_2/NiOOH$ composite and its application for pseudocapacitor. <i>Journal of Alloys and Compounds</i> , 2014, 610, 549-554.	2.8	19
155	Facile fabrication of reduced graphene oxide covered $ZnCo_2O_4$ porous nanowire array hierarchical structure on Ni-foam as a high performance anode for a lithium-ion battery. <i>RSC Advances</i> , 2016, 6, 547-554.	1.7	19
156	Surface and interface engineering of CoNi layered double hydroxides for efficient methanol oxidation reaction. <i>RSC Advances</i> , 2017, 7, 45294-45303.	1.7	19
157	Sodium Carboxymethylcellulose Derived Oxygen-Rich Porous Carbon Anodes for High-Performance Lithium/Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 500-507.	1.7	19
158	Through a hydrothermal phosphatization method synthesized NiCo and Fe-based electrodes for high-performance battery-supercapacitor hybrid device. <i>Applied Surface Science</i> , 2019, 475, 729-739.	3.1	19
159	Modification of Corroded Metal (Ni or Fe) Foam for High-Performance Rechargeable Alkaline Ni/Fe Batteries. <i>ChemElectroChem</i> , 2020, 7, 3098-3105.	1.7	19
160	Interconnecting 3D Conductive Networks with Nanostructured Iron/Iron Oxide Enables a High-Performance Flexible Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 57411-57421.	4.0	19
161	Synthesis of water-soluble fluorescent carbon dots from <i>Setcreasea purpurea boom</i> and its application for $Br_2$ detection. <i>Analytical Methods</i> , 2018, 10, 151-157.	1.3	18
162	Hydrophobic AgNPs: one-step synthesis in aqueous solution and their greatly enhanced performance for SERS detection. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10465-10470.	2.7	18

#	ARTICLE	IF	CITATIONS
163	A Simple Fluorometric Method Using Chlorophyll a for Determination of Hg <sup>2+</sup> Ion. <i>Mikrochimica Acta</i> , 2006, 153, 159-162.	2.5	17
164	A fluorescent dosimeter for formaldehyde determination using the Nash reagent in silica gel beads. <i>Mikrochimica Acta</i> , 2007, 159, 305-310.	2.5	17
165	Cu@Ag <sub>2</sub> O nanoparticles grown on a AgCuZn alloy substrate in situ for use as a highly sensitive non-enzymatic glucose sensor. <i>Analytical Methods</i> , 2014, 6, 2215.	1.3	17
166	The application of trans-1,4-diaminocyclohexane as a bicarbonate formation rate promoter in CO <sub>2</sub> capture. <i>Fuel</i> , 2018, 226, 479-489.	3.4	17
167	A phytic acid derived LiMn <sub>0.5</sub> Fe <sub>0.5</sub> PO <sub>4</sub> /Carbon composite of high energy density for lithium rechargeable batteries. <i>Scientific Reports</i> , 2019, 9, 6665.	1.6	17
168	Fluorescent sensing of nitrite at nanomolar level using functionalized mesoporous silica. <i>Mikrochimica Acta</i> , 2011, 173, 73-78.	2.5	16
169	Effects of Edge Oxidation on the Stability and Half-Metallicity of Graphene Quantum Dots. <i>ChemPhysChem</i> , 2014, 15, 157-164.	1.0	16
170	An electrochemiluminescence amplification strategy: a synergistic effect of electrospun Ru(bpy) <sub>3</sub> <sup>2+</sup> /CNT/ionic liquid composite nanofibers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9949-9956.	2.7	16
171	Integrated multi-ISE arrays with improved sensitivity, accuracy and precision. <i>Scientific Reports</i> , 2017, 7, 44771.	1.6	16
172	[Ru(dpp) <sub>3</sub> ][(4-Clph) <sub>4</sub> B] <sub>2</sub> Nanoislands Directly Assembled on an ITO Electrode Surface and Its Electrogenerated Chemiluminescence. <i>Langmuir</i> , 2009, 25, 1253-1258.	1.6	15
173	Nucleotide base analog pyrrolo-deoxycytidine as fluorescent probe signal for enzyme-free and signal amplified nucleic acids detection. <i>Talanta</i> , 2017, 164, 34-38.	2.9	15
174	Obtaining P <sub>2</sub> Na <sub>0.56</sub> [Ni <sub>0.1</sub> Co <sub>0.1</sub> Mn <sub>0.8</sub> ]O <sub>2</sub> Cathode Materials for Sodium-Ion Batteries by using a Co-precipitation Method. <i>ChemElectroChem</i> , 2018, 5, 3229-3235.	1.7	15
175	A rapid room-temperature DNA amplification and detection strategy based on nicking endonuclease and catalyzed hairpin assembly. <i>Analytical Methods</i> , 2019, 11, 2537-2541.	1.3	15
176	Sphere-and-Flake-Structured Cu, N Co-Doped Carbon Catalyst Designed by a Template-Free Method for Robust Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2019, 6, 1078-1087.	1.7	15
177	A Hg <sup>2+</sup> selective fluorescent chemosensor based on rhodamine B thiohydrazide and its application in bioimaging. <i>Analytical Methods</i> , 2012, 4, 2369.	1.3	14
178	Hierarchical porous carbons fabricated from silica via flame synthesis as anode materials for high-performance lithium-ion batteries. <i>Ionics</i> , 2015, 21, 1881-1891.	1.2	14
179	A highly sensitive luminescent probe based on Ru(II)-bipyridine complex for Cu <sup>2+</sup> , l-Histidine detection and cellular imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 161-169.	2.0	14
180	Designing a high-performance anode composed of carbon nanotubes and Fe <sub>3</sub> C nanoparticles for quasi-solid-state fibrous Ni/Fe batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3636-3645.	3.2	14

#	ARTICLE	IF	CITATIONS
181	Trifunctional Electrolyte Additive Hexadecyltrioctylammonium Iodide for Lithium Sulfur Batteries with Extended Cycle Life. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 16545-16557.	4.0	14
182	Silicon nanoparticles-based ratiometric fluorescence platform: Real-time visual sensing to ciprofloxacin and Cu <sup>2+</sup> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119599.	2.0	14
183	One-step fast and label-free imaging array for multiplexed detection of trace avian influenza viruses. <i>Analytica Chimica Acta</i> , 2021, 1171, 338645.	2.6	14
184	Rapid DNA detection based on self-replicating catalyzed hairpin assembly using nucleotide base analog pyrrolo-deoxycytidine as fluorophore. <i>Talanta</i> , 2018, 181, 142-146.	2.9	13
185	The application of microwave digestion in decomposing some refractory ore samples with solid fusion agent. <i>Talanta</i> , 2018, 186, 538-544.	2.9	13
186	A study of designer amine 4-amino-1-propyl-piperidine against the corrosion of carbon steel for application in CO <sub>2</sub> capture. <i>International Journal of Greenhouse Gas Control</i> , 2020, 94, 102929.	2.3	13
187	Ligand regulation to prepare an Fe, N, S tri-codoped hollow carbon electrocatalyst for enhanced ORR performance and Zn-air batteries. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4117-4125.	2.5	13
188	Ultrafast fabrication of robust electrocatalyst having Fe/Fe <sub>3</sub> C and CuNC for enhanced oxygen reduction reaction activity. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 906-915.	5.0	13
189	Rapid and colorimetric detection of nucleic acids based on entropy-driven circuit and DNAzyme-mediated autocatalytic reactions. <i>Analytical Methods</i> , 2020, 12, 2779-2784.	1.3	13
190	Porous nitrogen-doped carbon tubes derived from reed catkins as a high-performance anode for lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 98434-98439.	1.7	12
191	HPLC with In-Capillary Optical Fiber Laser-Induced Fluorescence Detection of Picomolar Amounts of Amino Acids by Pre-column Fluorescence Derivatization with Fluorescein Isothiocyanate. <i>Chromatographia</i> , 2011, 74, 541-547.	0.7	11
192	Sorption of Cadmium from Aqueous Solution with a Highly Effective Sorbent B-Doped g-C <sub>3</sub> N <sub>4</sub> . <i>Separation Science and Technology</i> , 2014, 49, 1566-1573.	1.3	11
193	Electrogenerated chemiluminescence of magnesium chlorophyllin a aqueous solution and its sensitive response to the carcinogen aflatoxin B1. <i>Biosensors and Bioelectronics</i> , 2014, 55, 350-354.	5.3	11
194	Iron-Cobalt Phosphomolybdate with High Electrocatalytic Activity for Oxygen Evolution Reaction. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2694-2702.	1.7	11
195	Electrochemical formation of multilayered NiO film/Ni foam as a high-efficient anode for methanol electrolysis. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2301-2311.	1.2	11
196	An iron foam acts as a substrate and iron source for the <i>in situ</i> construction of a robust transition metal phytate electrocatalyst for overall water splitting. <i>Sustainable Energy and Fuels</i> , 2020, 4, 331-336.	2.5	11
197	Rapid synthesis of fluorescent bovine serum albumin-gold nanoclusters complex for glutathione determination. <i>Mikrochimica Acta</i> , 2021, 188, 193.	2.5	11
198	Facile fabrication of Cu(OH) <sub>2</sub> and CuO nanoribbon arrays by silver-mediated oxidation. <i>CrystEngComm</i> , 2009, 11, 2285.	1.3	10

#	ARTICLE	IF	CITATIONS
199	Electroanalytical properties of cytochrome c with direct electron transfer on graphene/gold nanoparticles chitosan modified glass carbon electrode. <i>Analytical Methods</i> , 2012, 4, 3779.	1.3	10
200	An enhanced chemiluminescence bioplatform by confining glucose oxidase in hollow calcium carbonate particles. <i>Scientific Reports</i> , 2016, 6, 24490.	1.6	10
201	Cyclometalated Rhodium(III) Complexes Based on Substituted 2-Phenylpyridine Ligands: Synthesis, Structures, Photophysics, Electrochemistry, and DNA-Binding Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4149-4157.	1.0	10
202	An electrospun fibrous platform for visualizing the critical pH point inducing tooth demineralization. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4292-4298.	2.9	10
203	The synthesis of highly active carbon dot-coated gold nanoparticles <i>via</i> the room-temperature <i>in situ</i> carbonization of organic ligands for 4-nitrophenol reduction. <i>RSC Advances</i> , 2020, 10, 19419-19424.	1.7	10
204	Self-Assembled Fe, N-Doped Chrysanthemum-Like Carbon Microspheres for Efficient Oxygen Reduction Reaction and Zn-Air Battery. <i>Energy Technology</i> , 2020, 8, 2000145.	1.8	10
205	Dual-readout performance of Eu <sup>3+</sup> -doped nanocerium as a phosphatase mimic for degradation and detection of organophosphate. <i>Analytical Methods</i> , 2021, 13, 4747-4755.	1.3	10
206	An efficient way to improve water splitting electrocatalysis by electrodepositing cobalt phosphide nanosheets onto copper nanowires. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 19421-19432.	3.8	10
207	The fluorination-assisted dealloying synthesis of porous reduced graphene oxide-FeF <sub>2</sub> @carbon for high-performance lithium-ion battery and the exploration of its electrochemical mechanism. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3273-3283.	3.0	10
208	High electrochemiluminescence intensity of the Ru(bpy) <sub>3</sub> <sup>2+</sup> /oxalate system on a platinum net electrode. <i>Mikrochimica Acta</i> , 2007, 157, 127-131.	2.5	9
209	Chemical Modification and XPS Study for Lead(II) Binding by Wheat Stems Biomass. <i>Separation Science and Technology</i> , 2008, 43, 2196-2207.	1.3	9
210	Design and evaluation of capillary coupled with optical fiber light-emitting diode induced fluorescence detection for capillary electrophoresis. <i>Electrophoresis</i> , 2013, 34, 2546-2552.	1.3	9
211	Magnetic-field-induced growth of silver dendrite-crystalline Liesegang rings. <i>CrystEngComm</i> , 2014, 16, 6542-6546.	1.3	9
212	Low-temperature coprecipitation synthesis of amorphous nickel cobalt sulfide nanoparticles for high-performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14538-14546.	1.1	9
213	S-doped Co-Fe-Pi nanosheets as highly efficient oxygen evolution electrocatalysts in alkaline media. <i>Electrochimica Acta</i> , 2020, 362, 137123.	2.6	9
214	Phytic acid assisted ultra-fast <i>in situ</i> construction of Ni foam-supported amorphous Ni-Fe phytates to enhance catalytic performance for the oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3598-3608.	3.0	9
215	Removal of Cadmium from Aqueous Solution using Wheat Stem, Corncob, and Rice Husk. <i>Separation Science and Technology</i> , 2011, 46, 2049-2055.	1.3	8
216	Double Input Capacitively Coupled Contactless Conductivity Detector with Phase Shift. <i>Analytical Chemistry</i> , 2014, 86, 10065-10070.	3.2	8

#	ARTICLE	IF	CITATIONS
217	Highly Selective and Sensitive Luminescent Turn-On Probe for Pyrophosphate Detection in Aqueous Solution. <i>ChemistrySelect</i> , 2018, 3, 10057-10063.	0.7	8
218	First-Principles Study on the Adsorption of HF on Reduced Graphene Oxide. <i>ChemistrySelect</i> , 2018, 3, 6979-6984.	0.7	8
219	A long-persistent phosphorescent chemosensor for the detection of TNP based on $\text{CaTiO}_3\text{:Pr}^{3+}/\text{SiO}_2$ photoluminescence materials. <i>RSC Advances</i> , 2018, 8, 16603-16610.	1.7	8
220	Influence of different pyrolysis methods on the sorption property of rice straw biochar. <i>Separation Science and Technology</i> , 2019, 54, 2773-2782.	1.3	8
221	Solvent-controlled NiCoP with diversified morphology generated from a solvent vapour thermal reaction for electrocatalytic hydrogen evolution. <i>Materials Today Energy</i> , 2020, 17, 100477.	2.5	8
222	Adsorption of methylene blue onto porous carbon materials prepared from Na <sub>2</sub> EDTA. <i>New Journal of Chemistry</i> , 2020, 44, 4071-4080.	1.4	8
223	Synthesis of flower-like nickel-iron-chromium nanostructure compound deposited stainless steel foil as an efficient binder-free electrocatalyst for water splitting. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2649-2659.	2.5	8
224	A label-free fluorescent biosensor based on a catalyzed hairpin assembly for HIV DNA and lead detection. <i>Analytical Methods</i> , 2021, 13, 2391-2395.	1.3	8
225	Lithium cobalt phosphate electrode for the simultaneous determination of ascorbic acid, dopamine, and serum uric acid by differential pulse voltammetry. <i>Mikrochimica Acta</i> , 2021, 188, 190.	2.5	8
226	Spectrophotometric Method with Silica-Gel Beads for Determination of Trace Formaldehyde in Air. <i>Spectroscopy Letters</i> , 2005, 38, 121-130.	0.5	7
227	Ferrocene-bridging dinuclear cyclen copper(II) complexes as high efficient artificial nucleases: design, synthesis and interaction with DNA. <i>Applied Organometallic Chemistry</i> , 2008, 22, 243-248.	1.7	7
228	Fabrication of gold nanoparticles using luminol as a reductive and protective reagent. <i>Inorganic Materials</i> , 2008, 44, 813-817.	0.2	7
229	Flow injection analysis of resorcinol using inhibited Rhodamine B/Cerium(IV) chemiluminescence system. <i>Journal of Analytical Chemistry</i> , 2009, 64, 410-415.	0.4	7
230	The self-assembled Ru(bpy) <sub>3</sub> (PF <sub>6</sub> ) <sub>2</sub> nanoparticle on polystyrene microfibers and its application for ECL sensing. <i>Analyst</i> , 2013, 138, 6171.	1.7	7
231	Three-Dimensional Nanocomposite of Iron-Based Fluoride Loaded in N-Doped Porous Carbon as a High-Performance Cathode for Rechargeable Li-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 1856-1862.	1.7	7
232	Construction of a ratiometric phosphorescent assay with long-lived carbon quantum dots and inorganic nanoparticles for its application in environmental and biological systems. <i>New Journal of Chemistry</i> , 2019, 43, 12410-12416.	1.4	7
233	A Trimetallic Cobalt/Iron/Nickel Phytate Catalyst for Overall Water Splitting: Fabrication by Magnetic-Field-Assisted Bipolar Electrodeposition. <i>ChemPlusChem</i> , 2021, 86, 184-190.	1.3	7
234	Investigation of the LiBH <sub>4</sub> Modification Effect on Cycling Stability and High-Rate Capacity of LiCoO <sub>2</sub> Cathodes. <i>ACS Applied Energy Materials</i> , 2021, 4, 6933-6941.	2.5	7

#	ARTICLE	IF	CITATIONS
235	An enzyme-free and label-free visual sensing strategy for the detection of thrombin using a plasmonic nanoplatform. <i>Analyst</i> , The, 2020, 145, 2219-2225.	1.7	7
236	Enhancement of Electrochemiluminescence of Porous Silicon with Triethylamine as Co-reactant. <i>Electroanalysis</i> , 2012, 24, 1887-1894.	1.5	6
237	A self-assembled net structured film for the immobilization of tris(2,2'-bipyridyl)ruthenium(II) and its ultrasensitive electrogenerated chemiluminescent sensing for phenol. <i>RSC Advances</i> , 2014, 4, 467-473.	1.7	6
238	Solvothermal synthesis of oxygen/nitrogen functionalized graphene-like materials with diversified morphology from different carbon sources and their fluorescence properties. <i>Journal of Materials Science</i> , 2015, 50, 1300-1308.	1.7	6
239	Sensitive determination of L-hydroxyproline in dairy products by capillary electrophoresis with in-capillary optical fiber light-emitting diode-induced fluorescence detection. <i>Analytical Methods</i> , 2018, 10, 2211-2216.	1.3	6
240	Insight into How Telomeric G-Quadruplexes Enhance the Peroxidase Activity of Cellular Hemin. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1805-1810.	1.7	6
241	Functional reduced graphene oxide-based membranes with selective ion transport channels for zwitterionic ions separation based on the pH gradient. <i>Nanoscale</i> , 2018, 10, 1119-1128.	2.8	6
242	Simultaneous Discrimination of Single-Base Mismatch and Full Match Using a Label-Free Single-Molecule Strategy. <i>Analytical Chemistry</i> , 2018, 90, 8102-8107.	3.2	6
243	Three-dimensional iron oxyfluoride/N-doped carbon hybrid nanocomposites as high-performance cathodes for rechargeable Li-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 465-472.	3.0	6
244	A designed locked nucleic acid-based nanopore for discriminating ctDNA and its coexisting analogue ncDNA. <i>Chinese Chemical Letters</i> , 2020, 31, 172-176.	4.8	6
245	Simulation and Experimental Study on Doubled-Input Capacitively Coupled Contactless Conductivity Detection of Capillary Electrophoresis. <i>Scientific Reports</i> , 2020, 10, 7944.	1.6	6
246	Early Monitoring Drug Resistant Mutation T790M with a Two-Dimensional Simultaneous Discrimination Nanopore Strategy. <i>Analytical Chemistry</i> , 2020, 92, 8867-8873.	3.2	6
247	Intercalation Lithium Cobalt Oxide for the Facile Fabrication of a Sensitive Dopamine Sensor. <i>ChemElectroChem</i> , 2020, 7, 1193-1200.	1.7	6
248	Flash-assisted doping graphene for ultrafast potassium transport. <i>Nano Research</i> , 2022, 15, 4083-4090.	5.8	6
249	Application of the Ru(bipy)2(dpp)2+ / C2O4 2- electrochemiluminescence reaction to the determination of phenol. <i>Mikrochimica Acta</i> , 2008, 161, 163-167.	2.5	5
250	Enhanced Electrogenerated Chemiluminescence of Tris(2,2'-bipyridyl) Ruthenium(II)/tripropylamine in the Presence of Pyridine and Its Analogues. <i>Electroanalysis</i> , 2009, 21, 1611-1616.	1.5	5
251	A novel droplet sensor based on liquid-phase microextraction for on-line aluminum analysis. <i>Analytical Methods</i> , 2011, 3, 2273.	1.3	5
252	Cadmium sulfide nanotubes thin films: Characterization and photoelectrochemical behavior. <i>Thin Solid Films</i> , 2012, 520, 2520-2525.	0.8	5

#	ARTICLE	IF	CITATIONS
253	Determination of uric acid in human plasma and urine by microemulsion electrokinetic chromatography. <i>Analytical Methods</i> , 2013, 5, 5201.	1.3	5
254	Hierarchical graphite oxide fabricated from graphite via electrochemical cleavage as an anode material for lithium ion batteries. <i>RSC Advances</i> , 2013, 3, 12758.	1.7	5
255	Biosensor for determination of hydrogen peroxide based on <i>Yucca filamentosa</i> membrane. <i>Analytical Methods</i> , 2013, 5, 5437.	1.3	5
256	A Novel Pyrene Fluorescent Sensor Based on the $\pi$ - $\pi$ Interaction Between Pyrene and Graphene of Graphene-Cadmium Telluride Quantum Dot Nanocomposites. <i>Spectroscopy Letters</i> , 2015, 48, 748-756.	0.5	5
257	Electrogenerated Chemiluminescence Sensor Based on Tris(2,2'-bipyridine)ruthenium(II)-Immobilized Natural Clay and Ionic Liquid. <i>Electroanalysis</i> , 2010, 22, 204-208.	1.5	4
258	LiFePO <sub>4</sub> -covered silicon composite cathode with additional Li storage for lithium-ion batteries. <i>Ionics</i> , 2021, 27, 4983-4993.	1.2	4
259	Phase Transfer-Mediated Degradation of Ether-Based Localized High-Concentration Electrolytes in Alkali Metal Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
260	Nano-LiFePO <sub>4</sub> /C Derived from Gaseous-Oxidation Engineering-Synthesized Amorphous Mesoporous nano-FePO <sub>4</sub> for High-Rate Li-Ion Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 9311-9321.	1.8	4
261	A Simple Fluorophotometer for Airborne Formaldehyde Determination. <i>Spectroscopy Letters</i> , 2005, 38, 185-193.	0.5	3
262	In situ coordination of pyridine, quinoline, and quinoxaline with copper(I) iodide at the solid-liquid interface: Formation, characterization, and function of the microcrystal films. <i>Journal of Materials Research</i> , 2008, 23, 1722-1731.	1.2	3
263	Electrochemiluminescence Based on Solid State Tri(4,7-diphenyl-1,10-phenanthroline) Ruthenium(II) Ditetakis(4-chlorophenyl) Borate Immobilized on Carbon Fibers. <i>Electroanalysis</i> , 2010, 22, 1344-1348.	1.5	3
264	An amperometric ethanol sensor based on foam nickel electrode. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 96-101.	0.3	3
265	Sorption of Cu(II) Ions from Aqueous Solution with Synthesized B-Doped Heptazine-Based g-C/N/H Polymers. <i>Separation Science and Technology</i> , 2013, 48, 2150-2158.	1.3	3
266	Direct Determination of Gas pH and Carbon Dioxide Concentration with pH Electrodes. <i>Journal of Chemical Education</i> , 2014, 91, 593-596.	1.1	3
267	Sodium Carboxymethylcellulose Derived Oxygen-Rich Porous Carbon Anodes for High-Performance Lithium/Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 458-458.	1.7	3
268	Exploring the Evolution Process of High-Performance Amethyst Geode-Shaped Hollow Spherical LiFePO <sub>4</sub> . <i>Inorganic Chemistry Frontiers</i> , 0, , .	3.0	3
269	An improved dual-channel capacitively coupled contactless conductivity detector with high detection performance. <i>Analyst</i> , The, 2022, 147, 2106-2114.	1.7	3
270	Electrochemiluminescence of tri(2,2'-bipyridine)ruthenium in aqueous solution on a gold-nanoparticle-modified glassy carbon electrode. <i>Russian Journal of Electrochemistry</i> , 2008, 44, 1047-1051.	0.3	2

#	ARTICLE	IF	CITATIONS
271	X-ray powder diffraction data for peiminine. Powder Diffraction, 2013, 28, 312-314.	0.4	2
272	X-ray powder diffraction data for deoxyschisandrin. Powder Diffraction, 2013, 28, 231-233.	0.4	2
273	X-ray powder diffraction data for schisanhenol. Powder Diffraction, 2014, 29, 48-50.	0.4	2
274	Room temperature phosphorescence of the biocompatible B2O3/SiO2 nanocomposite and its application for cellular imaging. Analytical Methods, 2014, 6, 7640-7645.	1.3	2
275	A New Insight to the Color Change Phenomenon of TATB: Structural Color. Propellants, Explosives, Pyrotechnics, 2017, 42, 1247-1251.	1.0	2
276	Current Simultaneous Discrimination of Mismatched MicroRNAs Using Base-Flipping within the Î±-Hemolysin Latch. ACS Sensors, 2021, 6, 4482-4488.	4.0	2
277	The unique physical shading pattern of Rayleigh scattering for the generally improved detection of scattering particles. Analyst, The, 2022, 147, 2361-2368.	1.7	2
278	A facile photochemical route for the synthesis of gold nanoparticles. Inorganic Materials, 2011, 47, 121-127.	0.2	1
279	Dual Fiber-In-capillary Annular Column with Ternary Stationary Phase for Gas Chromatographic Separation. Analytical Letters, 2011, 44, 2721-2731.	1.0	1
280	Ultrastrong Chemiluminescence Activity of Nanocarbon Materials after Ozonation and Their Effects on Different Chemiluminescent Systems. Chemistry - A European Journal, 2016, 22, 8966-8971.	1.7	1
281	Self-driven mercury motor via redox reaction in acid solution. RSC Advances, 2017, 7, 32552-32558.	1.7	1
282	Improved Electrochemiluminescence Behavior of Glassy Carbon Electrode Through Inâ€¦Situ Chemical Bonding Modification. ChemElectroChem, 2019, 6, 1878-1883.	1.7	1
283	Luminescent Materials: Cation-Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence (Adv. Funct. Mater. 6/2014). Advanced Functional Materials, 2014, 24, 876-876.	7.8	0
284	Front Cover: Cyclometalated Rhodium(III) Complexes Based on Substituted 2-Phenylpyridine Ligands: Synthesis, Structures, Photophysics, Electrochemistry, and DNA-Binding Properties (Eur. J. Inorg. Chem. 2017, 2017, 4148-4148)	0.0	0
285	Cyclometalated Rhodium(III) Complexes Based on Substituted 2-Phenylpyridine Ligands: Synthesis, Structures, Photophysics, Electrochemistry, and DNA-Binding Properties. European Journal of Inorganic Chemistry, 2017, 2017, 4148-4148.	1.0	0
286	Carbon Fiber Substrates: Synthesis of P-Doped and NiCo-Hybridized Graphene-Based Fibers for Flexible Asymmetrical Solid-State Micro-Energy Storage Device (Small 1/2019). Small, 2019, 15, 1970007.	5.2	0
287	A Study on Double Inputs Direct Contact and Single Output Capacitively Coupled Conductivity Detector. Sensors, 2022, 22, 2729.	2.1	0