

Dan Xiao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/141079/dan-xiao-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

277
papers

8,378
citations

45
h-index

79
g-index

293
ext. papers

9,777
ext. citations

6.3
avg, IF

6.43
L-index

#	Paper	IF	Citations
277	An improved sensitivity non-enzymatic glucose sensor based on a CuO nanowire modified Cu electrode. <i>Analyst, The</i> , 2008 , 133, 126-32	5	408
276	Rapid microwave-assisted green synthesis of 3D hierarchical flower-shaped NiCo ₂ O ₄ microspheres for high-performance supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 1773-80	9.5	405
275	Stretchable All-Gel-State Fiber-Shaped Supercapacitors Enabled by Macromolecularly Interconnected 3D Graphene/Nanostructured Conductive Polymer Hydrogels. <i>Advanced Materials</i> , 2018 , 30, e1800124	24	304
274	Direct growth of NiCo ₂ O ₄ nanostructures on conductive substrates with enhanced electrocatalytic activity and stability for methanol oxidation. <i>Nanoscale</i> , 2013 , 5, 7388-96	7.7	257
273	Nitrogen-rich porous carbon derived from biomass as a high performance anode material for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 6534-6541	13	240
272	Metallic Co ₂ P ultrathin nanowires distinguished from CoP as robust electrocatalysts for overall water-splitting. <i>Green Chemistry</i> , 2016 , 18, 1459-1464	10	199
271	Simultaneous determination of L-ascorbic acid, dopamine and uric acid with gold nanoparticles- β -cyclodextrin-graphene-modified electrode by square wave voltammetry. <i>Talanta</i> , 2012 , 93, 79-85	6.2	189
270	An Organ-Like Titanium Carbide Material (MXene) with Multilayer Structure Encapsulating Hemoglobin for a Mediator-Free Biosensor. <i>Journal of the Electrochemical Society</i> , 2015 , 162, B16-B21	3.9	187
269	Hierarchically porous nitrogen-rich carbon derived from wheat straw as an ultra-high-rate anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 9684-9690	13	186
268	Influence of pH on the fluorescence properties of graphene quantum dots using ozonation pre-oxide hydrothermal synthesis. <i>Journal of Materials Chemistry</i> , 2012 , 22, 25471		166
267	Microwave-assisted synthesis of BSA-stabilized and HSA-protected gold nanoclusters with red emission. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1000-1005		130
266	Rapid synthesis of three-dimensional flower-like cobalt sulfide hierarchitectures by microwave assisted heating method for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2014 , 123, 183-189	6.7	120
265	Microwave-assisted synthesis of nanosphere-like NiCo ₂ O ₄ consisting of porous nanosheets and its application in electro-catalytic oxidation of methanol. <i>Journal of Power Sources</i> , 2014 , 261, 317-323	8.9	109
264	Homocysteine-protected gold-coated magnetic nanoparticles: synthesis and characterisation. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2418		108
263	Microwave-assisted non-aqueous homogenous precipitation of nanoball-like mesoporous Ni(OH) ₂ as a precursor for NiOx and its application as a pseudocapacitor. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8029		102
262	High specific capacitance of CuS nanotubes in redox active polysulfide electrolyte. <i>RSC Advances</i> , 2013 , 3, 1703-1708	3.7	102
261	A trimetallic VCoFe oxide nanoparticle as an efficient and stable electrocatalyst for oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 17763-17770	13	99

260	Three-dimensional coral-like cobalt selenide as an advanced electrocatalyst for highly efficient oxygen evolution reaction. <i>Electrochimica Acta</i> , 2016 , 194, 59-66	6.7	98
259	Three-dimensional amorphous tungsten-doped nickel phosphide microsphere as an efficient electrocatalyst for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18593-18599	13	90
258	Rapid microwave-assisted fabrication of 3D cauliflower-like NiCo ₂ S ₄ architectures for asymmetric supercapacitors. <i>RSC Advances</i> , 2015 , 5, 21604-21613	3.7	82
257	A one-step synthesis of CoBB/rGO at room temperature with synergistically enhanced electrocatalytic activity in neutral solution. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18420-18427	13	75
256	Facile Fabrication of Mn ₂ O ₃ Nanoparticle-Assembled Hierarchical Hollow Spheres and Their Sensing for Hydrogen Peroxide. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9526-33	9.5	74
255	Preparation of Silver Nanoparticle and Its Application to the Determination of ct-DNA. <i>Sensors</i> , 2007 , 7, 708-718	3.8	73
254	Lithium and sodium storage in highly ordered mesoporous nitrogen-doped carbons derived from honey. <i>Journal of Power Sources</i> , 2016 , 335, 20-30	8.9	71
253	A time-dependent DFT study of the absorption and fluorescence properties of graphene quantum dots. <i>ChemPhysChem</i> , 2014 , 15, 950-7	3.2	69
252	A Sensitive Chemiluminescence Method for Determination of Hydroquinone and Catechol. <i>Sensors</i> , 2007 , 7, 578-588	3.8	66
251	Understanding the inter-site distance effect in single-atom catalysts for oxygen electroreduction. <i>Nature Catalysis</i> ,	36.5	66
250	Phytic acid derived LiFePO ₄ beyond theoretical capacity as high-energy density cathode for lithium ion battery. <i>Nano Energy</i> , 2017 , 34, 408-420	17.1	64
249	Three-Dimensional Co ₃ O ₄ Nanowires@Amorphous Ni(OH) ₂ Ultrathin Nanosheets Hierarchical Structure for Electrochemical Energy Storage. <i>Electrochimica Acta</i> , 2016 , 191, 758-766	6.7	63
248	A facile large-scale microwave synthesis of highly fluorescent carbon dots from benzenediol isomers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5028-5035	7.1	63
247	A Strategy for the Construction of Controlled, Three-Dimensional, Multilayered, Tissue-Like Structures. <i>Advanced Functional Materials</i> , 2013 , 23, 42-46	15.6	63
246	Highly Active 3D-Nanoarray-Supported Oxygen-Evolving Electrode Generated From Cobalt-Phytate Nanoplates. <i>Chemistry of Materials</i> , 2016 , 28, 153-161	9.6	60
245	Facile Fabrication of Porous CuS Nanotubes Using Well-Aligned [Cu(tu)]Cl ₂ /2H ₂ O Nanowire Precursors as Self-Sacrificial Templates. <i>Crystal Growth and Design</i> , 2009 , 9, 2546-2548	3.5	58
244	One pot selective synthesis of water and organic soluble carbon dots with green fluorescence emission. <i>RSC Advances</i> , 2015 , 5, 11667-11675	3.7	57
243	Probing Enhanced Site Activity of CoBe Bimetallic Subnanoclusters Derived from Dual Cross-Linked Hydrogels for Oxygen Electrocatalysis. <i>ACS Energy Letters</i> , 2019 , 4, 1793-1802	20.1	57

242	Development of a fast and sensitive glucose biosensor using iridium complex-doped electrospun optical fibrous membrane. <i>Analytical Chemistry</i> , 2013 , 85, 1171-6	7.8	57
241	Cation/Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence. <i>Advanced Functional Materials</i> , 2014 , 24, 747-753	15.6	56
240	Porous NiCoP in situ grown on Ni foam using molten-salt electrodeposition for asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 23746-23756	13	55
239	CE detector based on light-emitting diodes. <i>Electrophoresis</i> , 2007 , 28, 233-42	3.6	52
238	Microwave-assisted chemical-vapor-induced in situ polymerization of polyaniline nanofibers on graphite electrode for high-performance supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 19978-89	9.5	51
237	Self-assembled hollow urchin-like NiCo ₂ O ₄ microspheres for aqueous asymmetric supercapacitors. <i>RSC Advances</i> , 2015 , 5, 7575-7583	3.7	50
236	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	4.9	49
235	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	19.4	49
234	Enhancing catalytic formaldehyde oxidation on CuO/Ag ₂ O nanowires for gas sensing and hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 14736	13	48
233	Fast microwave synthesis of Fe ₃ O ₄ and Fe ₃ O ₄ /Ag magnetic nanoparticles using Fe ²⁺ as precursor. <i>Inorganic Materials</i> , 2010 , 46, 1106-1111	0.9	48
232	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	3.6	45
231	Supramolecular confinement of single Cu atoms in hydrogel frameworks for oxygen reduction electrocatalysis with high atom utilization. <i>Materials Today</i> , 2020 , 35, 78-86	21.8	45
230	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	6.7	44
229	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	3.7	44
228	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	11.8	43
227	Self-Replicating Catalyzed Hairpin Assembly for Rapid Signal Amplification. <i>Analytical Chemistry</i> , 2017 , 89, 11971-11975	7.8	42
226	A facile approach to synthesis coral-like nanoporous γ -Ni(OH) ₂ and its supercapacitor application. <i>Journal of Power Sources</i> , 2013 , 243, 721-727	8.9	42
225	Sulfide sensor based on room-temperature phosphorescence of PbO/SiO ₂ nanocomposite. <i>Analytical Chemistry</i> , 2010 , 82, 1705-11	7.8	42

224	Optical fiber light-emitting diode-induced fluorescence detection for capillary electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 461-7	3.6	42
223	Fabrication of microporous and mesoporous carbon spheres for high-performance supercapacitor electrode materials. <i>International Journal of Energy Research</i> , 2015 , 39, 805-811	4.5	41
222	Hydrogen peroxide assisted synthesis of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ as high-performance cathode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2015 , 280, 263-271	8.9	41
221	Pumpkin-Derived Porous Carbon for Supercapacitors with High Performance. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1828-36	4.5	40
220	In-situ synthesis of fluorescent gold nanoclusters with electrospun fibrous membrane and application on Hg (II) sensing. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 875-9	11.8	40
219	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	8.5	39
218	All Solid-State pH Electrode Based on Titanium Nitride Sensitive Film. <i>Electroanalysis</i> , 2006 , 18, 1493-1498	3.8	38
217	Superficial-defect engineered nickel/iron oxide nanocrystals enable high-efficient flexible fiber battery. <i>Energy Storage Materials</i> , 2018 , 13, 160-167	19.4	37
216	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, 1579-85	4.5	37
215	A FRET chemsensor based on graphene quantum dots for detecting and intracellular imaging of Hg ²⁺ . <i>Talanta</i> , 2015 , 143, 442-449	6.2	36
214	Coprecipitation fabrication and electrochemical performances of coral-like mesoporous NiO nanobars. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4690-4697	13	36
213	CE with LED-based detection: an update. <i>Electrophoresis</i> , 2009 , 30, 189-202	3.6	35
212	Flow injection amperometric determination of acetaminophen at a gold nanoparticle modified carbon paste electrode. <i>Mikrochimica Acta</i> , 2009 , 164, 387-393	5.8	35
211	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	13	33
210	Fabrication of N, P-codoped reduced graphene oxide and its application for organic dye removal. <i>Applied Surface Science</i> , 2018 , 435, 281-289	6.7	33
209	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	7.3	31
208	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	11.8	31
207	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	13	31

206	The role of ozone in the ozonation process of graphene oxide: oxidation or decomposition?. <i>RSC Advances</i> , 2014 , 4, 58325-58328	3.7	30
205	A highly sensitive visual sensor for tetracycline in food samples by a double-signal response fluorescent nanohybrid. <i>Food Control</i> , 2020 , 108, 106832	6.2	30
204	Iron and nickel co-doped cobalt hydroxide nanosheets with enhanced activity for oxygen evolution reaction. <i>RSC Advances</i> , 2016 , 6, 42255-42262	3.7	30
203	In situ formation of high performance Ni-phytate on Ni-foam for efficient electrochemical water oxidation. <i>Electrochemistry Communications</i> , 2017 , 74, 42-47	5.1	29
202	Improving the performance of a LiFePO ₄ cathode based on electrochemically cleaved graphite oxides with high hydrophilicity and good conductivity. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7933	13	29
201	Separation of tyrosine enantiomer derivatives by capillary electrophoresis with light-emitting diode-induced fluorescence detection. <i>Talanta</i> , 2009 , 78, 1167-72	6.2	29
200	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		29
199	One-Step Electrodeposition of S-Doped Cobalt-Nickel Layered Double Hydroxides on Conductive Substrates and their Electrocatalytic Activity in Alkaline Media. <i>ChemElectroChem</i> , 2016 , 3, 950-958	4.3	29
198	A selective fluorescent probe based on bis-Schiff base for turn-on detection of Al ³⁺ and cysteine by different mechanisms. <i>RSC Advances</i> , 2016 , 6, 25420-25426	3.7	29
197	Ultrasensitive Visual Detection of HIV DNA Biomarkers via a Multi-amplification Nanoplatfom. <i>Scientific Reports</i> , 2016 , 6, 23949	4.9	28
196	Novel light-emitting polymers derived from fluorene and maleimide. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1570		28
195	A selective and sensitive fluorescent probe for the determination of HSA and trypsin. <i>Talanta</i> , 2017 , 170, 562-568	6.2	27
194	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, 1279-84	6.2	27
193	Microwave-assisted synthesis of the cobalt-iron phosphates nanosheets as an efficient electrocatalyst for water oxidation. <i>Electrochimica Acta</i> , 2018 , 260, 420-429	6.7	27
192	Cobalt-Iron Pyrophosphate Porous Nanosheets as Highly Active Electrocatalysts for the Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2018 , 5, 36-43	4.3	26
191	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	7.3	26
190	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	7.3	26
189	A new luminol derivative as a fluorescent probe for trace analysis of copper(II). <i>Mikrochimica Acta</i> , 2009 , 164, 411-417	5.8	26

188	Kinetics and Thermodynamics of Lead (II) Adsorption on Vermiculite. <i>Separation Science and Technology</i> , 2007 , 42, 185-202	2.5	26
187	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	6.8	25
186	Template-free fabrication of hollow N-doped carbon sphere (h-NCS) to synthesize h-NCS@PANI positive material for MoO ₃ //h-NCS@PANI asymmetric supercapacitor. <i>Applied Surface Science</i> , 2018 , 442, 476-486	6.7	25
185	A robust water oxidation electrocatalyst from amorphous cobalt-iron bimetallic phytate nanostructures. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15888-15895	13	25
184	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	11	25
183	Highly selective and sensitive fluorescence probe based on thymine-modified carbon dots for Hg ²⁺ and L-cysteine detection. <i>RSC Advances</i> , 2015 , 5, 89121-89127	3.7	24
182	Direct growth of NiCo ₂ S _x nanostructures on stainless steel with enhanced electrocatalytic activity for methanol oxidation. <i>RSC Advances</i> , 2015 , 5, 4092-4098	3.7	24
181	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	13	24
180	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	3.2	24
179	Highly Selective, Naked-Eye, and Trace Discrimination between Perfect-Match and Mismatch Sequences Using a Plasmonic Nanoplatfrom. <i>Analytical Chemistry</i> , 2018 , 90, 7371-7376	7.8	24
178	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	4.9	23
177	Capillary column coated with graphene quantum dots for gas chromatographic separation of alkanes and aromatic isomers. <i>Analytical Methods</i> , 2015 , 7, 3229-3237	3.2	23
176	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		23
175	A sensitive and selective chemosensor for ascorbic acid based on a fluorescent nitroxide switch. <i>Talanta</i> , 2015 , 132, 191-6	6.2	22
174	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	6.2	22
173	Building nanoparticle-stacking MoO ₂ -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	6.7	22
172	Three-Dimensional NiMoO ₄ 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, 1745-52	4.5	22
171	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	22

170	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	13	22
169	Self-assembly of DNA nanoparticles through multiple catalyzed hairpin assembly for enzyme-free nucleic acid amplified detection. <i>Talanta</i> , 2018 , 179, 641-645	6.2	22
168	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	6.7	21
167	Adsorption of HCN on reduced graphene oxides: a first-principles study. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2214	2	21
166	Aqueous synthesis of Ag ⁺ doped CdS quantum dots and its application in H ₂ O ₂ sensing. <i>Analytical Methods</i> , 2013 , 5, 457-464	3.2	21
165	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	9.3	21
164	CdS nanotubes thin film for electrochemiluminescence analysis of phenolic compounds. <i>Analytical Methods</i> , 2012 , 4, 1053	3.2	21
163	Preparation of quinone modified graphene-based fiber electrodes and its application in flexible asymmetrical supercapacitor. <i>Electrochimica Acta</i> , 2020 , 336, 135628	6.7	21
162	Self-enhanced electrogenerated chemiluminescence of ruthenium(II) complexes conjugated with Schiff bases. <i>Dalton Transactions</i> , 2015 , 44, 2208-16	4.3	20
161	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	13	20
160	Voltammetric determination of TBHQ at a glassy carbon electrode surface activated by in situ chemical oxidation. <i>Analyst, The</i> , 2014 , 139, 3622-8	5	20
159	Recent progress in conductive polymers for advanced fiber-shaped electrochemical energy storage devices. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1140-1163	7.8	20
158	Sensitive determination of sulfonamides in environmental water by capillary electrophoresis coupled with both silvering detection window and in-capillary optical fiber light-emitting diode-induced fluorescence detector. <i>Electrophoresis</i> , 2017 , 38, 452-459	3.6	19
157	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	4.1	19
156	A Hydrogen-Evolving Hybrid-Electrolyte Battery with Electrochemical/Photoelectrochemical Charging from Water Oxidation. <i>ChemSusChem</i> , 2017 , 10, 483-488	8.3	19
155	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	4.9	19
154	Separation of carbon quantum dots on a C18 column by binary gradient elution via HPLC. <i>Analytical Methods</i> , 2014 , 6, 8124-8128	3.2	18
153	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	13	18

152	Liesegang rings of dendritic silver crystals emerging from galvanic displacement reaction in a liquid-phase solution. <i>RSC Advances</i> , 2012 , 2, 4627	3.7	18
151	Enhanced electrochemical performance of C-NiO/NiCo ₂ O ₄ //AC asymmetric supercapacitor based on material design and device exploration. <i>Electrochimica Acta</i> , 2019 , 296, 335-344	6.7	18
150	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	5.7	17
149	Facile synthesis of functionalized carbon nanospheres for determination of Cu ²⁺ . <i>Analyst, The</i> , 2013 , 138, 2073-9	5	17
148	Facile fabrication of reduced graphene oxide covered ZnCo ₂ O 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	3.7	16
147	X-ray diffraction study of LiFePO ₄ synthesized by hydrothermal method. <i>RSC Advances</i> , 2013 , 3, 14652	3.7	16
146	Boron- and Iron-Incorporated Ni(OH) ₂ Ultrathin Nanosheets as an Efficient Oxygen Evolution Catalyst. <i>ChemElectroChem</i> , 2018 , 5, 593-597	4.3	16
145	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	3.2	15
144	Synthesis of "amphiphilic" carbon dots and their application for the analysis of iodine species (I ₂ , I ⁻) and IO ₃ ⁻) in highly saline water. <i>Analyst, The</i> , 2016 , 141, 2508-14	5	15
143	[Ru(dpp)(3)][(4-Clph)(4)B](2) nanoislands directly assembled on an ITO electrode surface and its electrogenerated chemiluminescence. <i>Langmuir</i> , 2009 , 25, 1253-8	4	15
142	A Simple Fluorometric Method Using Chlorophyll a for Determination of Hg ²⁺ Ion. <i>Mikrochimica Acta</i> , 2006 , 153, 159-162	5.8	15
141	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	3.7	15
140	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, 182-7	11.8	14
139	One-step sensitive thrombin detection based on a nanofibrous sensing platform. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5161-5169	7.3	14
138	CuO/Ag ₂ 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	3.2	14
137	A fluorescent dosimeter for formaldehyde determination using the Nash reagent in silica gel beads. <i>Mikrochimica Acta</i> , 2007 , 159, 305-310	5.8	14
136	Self-Replication-Assisted Rapid Preparation of DNA Nanowires at Room Temperature and Its Biosensing Application. <i>Analytical Chemistry</i> , 2019 , 91, 3043-3047	7.8	13
135	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	3.2	13

134	Modification of Corroded Metal (Ni or Fe) Foam for High-Performance Rechargeable Alkaline Ni/Fe Batteries. <i>ChemElectroChem</i> , 2020 , 7, 3098-3105	4.3	13
133	An electrochemiluminescence amplification strategy: a synergistic effect of electrospun Ru(bpy) ₃ ²⁺ /CNT/ionic liquid composite nanofibers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9949-9956	7.1	13
132	A Hg ²⁺ selective fluorescent chemosensor based on rhodamine B thiohydrazide and its application in bioimaging. <i>Analytical Methods</i> , 2012 , 4, 2369	3.2	13
131	Fluorescent sensing of nitrite at nanomolar level using functionalized mesoporous silica. <i>Mikrochimica Acta</i> , 2011 , 173, 73-78	5.8	13
130	Integration of Functionalized Polyelectrolytes onto Carbon Dots for Synergistically Improving the Tribological Properties of Polyethylene Glycol. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8794-8807	9.5	13
129	Preparation of manganese oxides coated porous carbon and its application for lead ion removal. <i>Carbohydrate Polymers</i> , 2019 , 219, 306-315	10.3	12
128	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	2.7	12
127	Crystalline nickel boride nanoparticle agglomerates for enhanced electrocatalytic methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 23074-23080	6.7	12
126	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	6.2	12
125	Effects of edge oxidation on the stability and half-metallicity of graphene quantum dots. <i>ChemPhysChem</i> , 2014 , 15, 157-64	3.2	12
124	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	6.7	12
123	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	12.8	12
122	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	4.3	12
121	Synthesis of water-soluble fluorescent carbon dots from <i>Setcreasea purpurea</i> boom and its application for Br ₂ detection. <i>Analytical Methods</i> , 2018 , 10, 151-157	3.2	12
120	The application of trans-1,4-diaminocyclohexane as a bicarbonate formation rate promoter in CO ₂ capture. <i>Fuel</i> , 2018 , 226, 479-489	7.1	12
119	Surface and interface engineering of CoNi layered double hydroxides for efficient methanol oxidation reaction. <i>RSC Advances</i> , 2017 , 7, 45294-45303	3.7	11
118	Sodium Carboxymethylcellulose Derived Oxygen-Rich Porous Carbon Anodes for High-Performance Lithium/Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 500-507	4.3	11
117	Plasmonic nanoplatfom for point-of-care testing trace HCV core protein. <i>Biosensors and Bioelectronics</i> , 2020 , 147, 111488	11.8	11

116	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	6.7	10
115	A phytic acid derived LiMnFePO/Carbon composite of high energy density for lithium rechargeable batteries. <i>Scientific Reports</i> , 2019 , 9, 6665	4.9	10
114	A highly sensitive luminescent probe based on Ru(II)-bipyridine complex for Cu, l-Histidine detection and cellular imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 201, 161-169	4.4	10
113	Electrogenerated chemiluminescence of magnesium chlorophyllin a aqueous solution and its sensitive response to the carcinogen aflatoxin B1. <i>Biosensors and Bioelectronics</i> , 2014 , 55, 350-4	11.8	10
112	Facile fabrication of Cu(OH) ₂ and CuO nanoribbon arrays by silver-mediated oxidation. <i>CrystEngComm</i> , 2009 , 11, 2285	3.3	10
111	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	6.2	9
110	Obtaining P2-Na _{0.56} [Ni _{0.1} Co _{0.1} Mn _{0.8}]O ₂ Cathode Materials for Sodium-Ion Batteries by using a Co-precipitation Method. <i>ChemElectroChem</i> , 2018 , 5, 3229-3235	4.3	9
109	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	7.1	9
108	Sorption of Cadmium from Aqueous Solution with a Highly Effective Sorbent [B-Doped g-C ₃ N ₄ . <i>Separation Science and Technology</i> , 2014 , 49, 1566-1573	2.5	9
107	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	3.2	9
106	HPLC with In-Capillary Optical Fiber Laser-Induced Fluorescence Detection of Picomolar Amounts of Amino Acids by Precolumn Fluorescence Derivatization with Fluorescein Isothiocyanate. <i>Chromatographia</i> , 2011 , 74, 541-547	2.1	9
105	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	3.2	9
104	An enhanced chemiluminescence bioplatform by confining glucose oxidase in hollow calcium carbonate particles. <i>Scientific Reports</i> , 2016 , 6, 24490	4.9	9
103	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	3.7	9
102	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 ^{14.7}	14.7	9
101	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	9.3	8
100	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	5.8	8
99	Design and evaluation of capillary coupled with optical fiber light-emitting diode induced fluorescence detection for capillary electrophoresis. <i>Electrophoresis</i> , 2013 , 34, 2546-52	3.6	8

98	Iron-Cobalt Phosphomolybdate with High Electrocatalytic Activity for Oxygen Evolution Reaction. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2694-2702	4.5	8
97	Integrated multi-ISE arrays with improved sensitivity, accuracy and precision. <i>Scientific Reports</i> , 2017 , 7, 44771	4.9	8
96	Chemical Modification and XPS Study for Lead(II) Binding by Wheat Stems Biomass. <i>Separation Science and Technology</i> , 2008 , 43, 2196-2207	2.5	8
95	Glucose photoelectrochemical enzyme sensor based on competitive reaction of ascorbic acid. <i>Biosensors and Bioelectronics</i> , 2020 , 166, 112466	11.8	8
94	A long-persistent phosphorescent chemosensor for the detection of TNP based on CaTiO:Pr@SiO photoluminescence materials.. <i>RSC Advances</i> , 2018 , 8, 16603-16610	3.7	7
93	Magnetic-field-induced growth of silver dendrite-crystalline Liesegang rings. <i>CrystEngComm</i> , 2014 , 16, 6542-6546	3.3	7
92	The self-assembled Ru(bpy) ₃ (PF ₆) ₂ nanoparticle on polystyrene microfibers and its application for ECL sensing. <i>Analyst, The</i> , 2013 , 138, 6171-6	5	7
91	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	2.3	7
90	Removal of Cadmium from Aqueous Solution using Wheat Stem, Corncob, and Rice Husk. <i>Separation Science and Technology</i> , 2011 , 46, 2049-2055	2.5	7
89	Fabrication of gold nanoparticles using luminol as a reductive and protective reagent. <i>Inorganic Materials</i> , 2008 , 44, 813-817	0.9	7
88	Surface in situ 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	13	7
87	The application of microwave digestion in decomposing some refractory ore samples with solid fusion agent. <i>Talanta</i> , 2018 , 186, 538-544	6.2	7
86	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	3.5	6
85	Enhancement of Electrochemiluminescence of Porous Silicon with Tri-n-propylamine as Co-reactant. <i>Electroanalysis</i> , 2012 , 24, 1887-1894	3	6
84	Flow injection analysis of resorcinol using inhibited Rhodamine B/Cerium(IV) chemiluminescence system. <i>Journal of Analytical Chemistry</i> , 2009 , 64, 410-415	1.1	6
83	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	3.1	6
82	An iron foam acts as a substrate and iron source for the in situ construction of a robust transition metal phytate electrocatalyst for overall water splitting. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 331-336	5.8	6
81	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	7.7	6

80	High-crystallinity and high-rate Prussian Blue analogues synthesized at the oil/water interface. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2008-2016	6.8	6
79	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	6.8	5
78	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	4.3	5
77	Insight into How Telomeric G-Quadruplexes Enhance the Peroxidase Activity of Cellular Hemin. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1805	4.5	5
76	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	3.6	5
75	Determination of uric acid in human plasma and urine by microemulsion electrokinetic chromatography. <i>Analytical Methods</i> , 2013 , 5, 5201	3.2	5
74	Hierarchical graphite oxide fabricated from graphite via electrochemical cleavage as an anode material for lithium ion batteries. <i>RSC Advances</i> , 2013 , 3, 12758	3.7	5
73	Biosensor for determination of hydrogen peroxide based on Yucca filamentosa membrane. <i>Analytical Methods</i> , 2013 , 5, 5437	3.2	5
72	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	2.6	5
71	Double input capacitively coupled contactless conductivity detector with phase shift. <i>Analytical Chemistry</i> , 2014 , 86, 10065-70	7.8	5
70	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	3	5
69	High electrochemiluminescence intensity of the Ru(bpy) ₃ ²⁺ /oxalate system on a platinum net electrode. <i>Mikrochimica Acta</i> , 2007 , 157, 127-131	5.8	5
68	A study of designer amine 4-amino-1-propyl-piperidine against the corrosion of carbon steel for application in CO ₂ capture. <i>International Journal of Greenhouse Gas Control</i> , 2020 , 94, 102929	4.2	5
67	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	7	5
66	First-Principles Study on the Adsorption of HF on Reduced Graphene Oxide. <i>ChemistrySelect</i> , 2018 , 3, 6979-6984	1.8	5
65	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	4.3	4
64	A Novel Pyrene Fluorescent Sensor Based on the Interaction Between Pyrene and Graphene of Graphene/Cadmium Telluride Quantum Dot Nanocomposites. <i>Spectroscopy Letters</i> , 2015 , 48, 748-756	1.1	4
63	The synthesis of highly active carbon dot-coated gold nanoparticles the room-temperature carbonization of organic ligands for 4-nitrophenol reduction.. <i>RSC Advances</i> , 2020 , 10, 19419-19424	3.7	4

62	Simultaneous Discrimination of Single-Base Mismatch and Full Match Using a Label-Free Single-Molecule Strategy. <i>Analytical Chemistry</i> , 2018 , 90, 8102-8107	7.8	4
61	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	3.7	4
60	Cadmium sulfide nanotubes thin films: Characterization and photoelectrochemical behavior. <i>Thin Solid Films</i> , 2012 , 520, 2520-2525	2.2	4
59	Electrogenerated Chemiluminescence Sensor Based on Tris(2,2'-bipyridine)ruthenium(II)-Immobilized Natural Clay and Ionic Liquid. <i>Electroanalysis</i> , 2010 , 22, 204-208	3	4
58	Application of the Ru(bipy) ₂ (dpp) ₂ ²⁺ / C ₂ O ₄ ²⁻ Electrochemiluminescence reaction to the determination of phenol. <i>Mikrochimica Acta</i> , 2008 , 161, 163-167	5.8	4
57	Spectrophotometric Method with Silica-Gel Beads for Determination of Trace Formaldehyde in Air. <i>Spectroscopy Letters</i> , 2005 , 38, 121-130	1.1	4
56	S-doped Co-Fe-Pi nanosheets as highly efficient oxygen evolution electrocatalysts in alkaline media. <i>Electrochimica Acta</i> , 2020 , 362, 137123	6.7	4
55	Trifunctional Electrolyte Additive Hexadecyltrioctylammonium Iodide for Lithium-Sulfur Batteries with Extended Cycle Life. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16545-16557	9.5	4
54	Silicon nanoparticles-based ratiometric fluorescence platform: Real-time visual sensing to ciprofloxacin and Cu. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 253, 119599	4.4	4
53	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	5.8	4
52	Influence of different pyrolysis methods on the sorption property of rice straw biochar. <i>Separation Science and Technology</i> , 2019 , 54, 2773-2782	2.5	4
51	Highly Selective and Sensitive Luminescent Turn-On Probe for Pyrophosphate Detection in Aqueous Solution. <i>ChemistrySelect</i> , 2018 , 3, 10057-10063	1.8	4
50	One-step fast and label-free imaging array for multiplexed detection of trace avian influenza viruses. <i>Analytica Chimica Acta</i> , 2021 , 1171, 338645	6.6	4
49	Confining intermediates within a catalytic nanoreactor facilitates nitrate-to-ammonia electrosynthesis. <i>Applied Catalysis B: Environmental</i> , 2022 , 315, 121548	21.8	4
48	An electrospun fibrous platform for visualizing the critical pH point inducing tooth demineralization. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4292-4298	7.3	3
47	Adsorption of methylene blue onto porous carbon materials prepared from Na ₂ EDTA. <i>New Journal of Chemistry</i> , 2020 , 44, 4071-4080	3.6	3
46	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	2.1	3
45	Direct Determination of Gas pH and Carbon Dioxide Concentration with pH Electrodes. <i>Journal of Chemical Education</i> , 2014 , 91, 593-596	2.4	3

44	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	2.5	3
43	An amperometric ethanol sensor based on foam nickel electrode. <i>Russian Journal of Electrochemistry</i> , 2011 , 47, 96-101	1.2	3
42	A novel droplet sensor based on liquid-phase microextraction for on-line aluminum analysis. <i>Analytical Methods</i> , 2011 , 3, 2273	3.2	3
41	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	2.5	3
40	A Simple Fluorophotometer for Airborne Formaldehyde Determination. <i>Spectroscopy Letters</i> , 2005 , 38, 185-193	1.1	3
39	An enzyme-free and label-free visual sensing strategy for the detection of thrombin using a plasmonic nanoplatform. <i>Analyst, The</i> , 2020 , 145, 2219-2225	5	3
38	Rapid synthesis of fluorescent bovine serum albumin-gold nanoclusters complex for glutathione determination. <i>Mikrochimica Acta</i> , 2021 , 188, 193	5.8	3
37	Donor-Acceptor Compensated ZnO Semiconductor for Photoelectrochemical Biosensors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 33006-33014	9.5	3
36	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	5.8	3
35	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	3.2	3
34	Sodium Carboxymethylcellulose Derived Oxygen-Rich Porous Carbon Anodes for High-Performance Lithium/Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 458-458	4.3	2
33	Early Monitoring Drug Resistant Mutation T790M with a Two-Dimensional Simultaneous Discrimination Nanopore Strategy. <i>Analytical Chemistry</i> , 2020 , 92, 8867-8873	7.8	2
32	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	3.2	2
31	X-ray powder diffraction data for deoxyschisandrin. <i>Powder Diffraction</i> , 2013 , 28, 231-233	1.8	2
30	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	3	2
29	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	1.2	2
28	Interconnecting 3D Conductive Networks with Nanostructured Iron/Iron Oxide Enables a High-Performance Flexible Battery. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 57411-57421	9.5	2
27	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> ,	8.3	2

26	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	6.7	2
25	Designing a high-performance anode composed of carbon nanotubes and Fe ₃ C nanoparticles for quasi-solid-state fibrous Ni/Fe batteries. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3636-3645	7.8	2
24	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	9.3	2
23	Improved Electrochemiluminescence Behavior of Glassy Carbon Electrode Through In Situ Chemical Bonding Modification. <i>ChemElectroChem</i> , 2019 , 6, 1878-1883	4.3	1
22	Simulation and Experimental Study on Doubled-Input Capacitively Coupled Contactless Conductivity Detection of Capillary Electrophoresis. <i>Scientific Reports</i> , 2020 , 10, 7944	4.9	1
21	Intercalation Lithium Cobalt Oxide for the Facile Fabrication of a Sensitive Dopamine Sensor. <i>ChemElectroChem</i> , 2020 , 7, 1193-1200	4.3	1
20	Room temperature phosphorescence of the biocompatible B ₂ O ₃ /SiO ₂ nanocomposite and its application for cellular imaging. <i>Analytical Methods</i> , 2014 , 6, 7640-7645	3.2	1
19	Self-driven mercury motor via redox reaction in acid solution. <i>RSC Advances</i> , 2017 , 7, 32552-32558	3.7	1
18	X-ray powder diffraction data for peiminine. <i>Powder Diffraction</i> , 2013 , 28, 312-314	1.8	1
17	Dual Fiber-In-capillary Annular Column with Ternary Stationary Phase for Gas Chromatographic Separation. <i>Analytical Letters</i> , 2011 , 44, 2721-2731	2.2	1
16	Flash-assisted doping graphene for ultrafast potassium transport. <i>Nano Research</i> , 2011 , 4, 1001-1004	10	1
15	Ultrastrong Chemiluminescence Activity of Nanocarbon Materials after Ozonation and Their Effects on Different Chemiluminescent Systems. <i>Chemistry - A European Journal</i> , 2016 , 22, 8966-71	4.8	1
14	A designed locked nucleic acid-based nanopore for discriminating ctDNA and its coexisting analogue ncDNA. <i>Chinese Chemical Letters</i> , 2020 , 31, 172-176	8.1	1
13	LiFePO ₄ -covered silicon composite cathode with additional Li storage for lithium-ion batteries. <i>Ionics</i> , 2021 , 27, 4983	2.7	1
12	Ultrafast fabrication of robust electrocatalyst having Fe/FeC and CuNC for enhanced oxygen reduction reaction activity. <i>Journal of Colloid and Interface Science</i> , 2022 , 605, 906-915	9.3	1
11	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	9.3	1
10	A New Insight to the Color Change Phenomenon of TATB: Structural Color. <i>Propellants, Explosives, Pyrotechnics</i> , 2017 , 42, 1247-1251	1.7	0
9	A facile photochemical route for the synthesis of gold nanoparticles. <i>Inorganic Materials</i> , 2011 , 47, 121-123	1.7	0

8	Investigation of the LiBH ₄ Modification Effect on Cycling Stability and High-Rate Capacity of LiCoO ₂ Cathodes. <i>ACS Applied Energy Materials</i> , 2021 , 4, 6933-6941	6.1	o
7	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	2.8	o
6	Dual-readout performance of Eu-doped nanoceria as a phosphatase mimic for degradation and detection of organophosphate. <i>Analytical Methods</i> , 2021 , 13, 4747-4755	3.2	o
5	Front Cover: Cyclometalated Rhodium(III) Complexes Based on Substituted 2-Phenylpyridine Ligands: Synthesis, Structures, Photophysics, Electrochemistry, and DNA-Binding Properties (Eur. J. Inorg. Chem. 36/2017). <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4147-4147	2.3	
4	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, 4148-4148	2.3	
3	X-ray powder diffraction data for schisanhenol. <i>Powder Diffraction</i> , 2014 , 29, 48-50	1.8	
2	Luminescent Materials: Cation/Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence (Adv. Funct. Mater. 6/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 876-876	15.6	
1	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). <i>Small</i> , 2019 , 15, 1970007 ¹¹		