

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2048174/li-niu-publications-by-citations.pdf>

Version: 2024-04-25

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.

234
papers

10,312
citations

52
h-index

94
g-index

257
ext. papers

12,064
ext. citations

8.2
avg, IF

6.5
L-index

#	Paper	IF	Citations
234	Graphene/AuNPs/chitosan nanocomposites film for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1070-4	11.8	666
233	Covalent functionalization of chemically converted graphene sheets via silane and its reinforcement. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4632		633
232	Non-covalent doping of graphitic carbon nitride polymer with graphene: controlled electronic structure and enhanced optoelectronic conversion. <i>Energy and Environmental Science</i> , 2011 , 4, 4517	35.4	371
231	Convenient recycling of 3D AgX/graphene aerogels (X = Br, Cl) for efficient photocatalytic degradation of water pollutants. <i>Advanced Materials</i> , 2015 , 27, 3767-73	24	299
230	Flexible All-Solid-State Supercapacitors with High Volumetric Capacitances Boosted by Solution Processable MXene and Electrochemically Exfoliated Graphene. <i>Advanced Energy Materials</i> , 2017 , 7, 1601847	21.8	298
229	Simultaneous Determination of Ascorbic Acid, Dopamine and Uric Acid with Chitosan-Graphene Modified Electrode. <i>Electroanalysis</i> , 2010 , 22, 2001-2008	3	286
228	Electrochemical determination of NADH and ethanol based on ionic liquid-functionalized graphene. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1504-8	11.8	262
227	Wet chemical synthesis of nitrogen-doped graphene towards oxygen reduction electrocatalysts without high-temperature pyrolysis. <i>Journal of Materials Chemistry</i> , 2012 , 22, 6575		257
226	Intercorrelated Superhybrid of AgBr Supported on Graphitic-C3N4-Decorated Nitrogen-Doped Graphene: High Engineering Photocatalytic Activities for Water Purification and CO2 Reduction. <i>Advanced Materials</i> , 2015 , 27, 6906-13	24	249
225	Label-free, electrochemical detection of methicillin-resistant <i>Staphylococcus aureus</i> DNA with reduced graphene oxide-modified electrodes. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3881-6	11.8	180
224	Efficient one-pot synthesis of molecularly imprinted silica nanospheres embedded carbon dots for fluorescent dopamine optosensing. <i>Biosensors and Bioelectronics</i> , 2012 , 38, 55-60	11.8	175
223	The synthesis of ionic-liquid-functionalized multiwalled carbon nanotubes decorated with highly dispersed Au nanoparticles and their use in oxygen reduction by electrocatalysis. <i>Carbon</i> , 2008 , 46, 1687-1692	10.4	151
222	Convenient preparation of tunably loaded chemically converted graphene oxide/epoxy resin nanocomposites from graphene oxide sheets through two-phase extraction. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8856		150
221	In Situ Binding Sb Nanospheres on Graphene via Oxygen Bonds as Superior Anode for Ultrafast Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 7790-9	9.5	145
220	Growth Control of MoS2 Nanosheets on Carbon Cloth for Maximum Active Edges Exposed: An Excellent Hydrogen Evolution 3D Cathode. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12193-202	9.5	139
219	Synthesis of Pt/ionic liquid/graphene nanocomposite and its simultaneous determination of ascorbic acid and dopamine. <i>Talanta</i> , 2010 , 81, 1063-8	6.2	139
218	The synthesis of perylene-coated graphene sheets decorated with Au nanoparticles and its electrocatalysis toward oxygen reduction. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4022		137

217	Electrochemical functionalization of single-walled carbon nanotubes in large quantities at a room-temperature ionic liquid supported three-dimensional network electrode. <i>Langmuir</i> , 2005 , 21, 4797-800	136
216	Design and synthesis of multifunctional materials based on an ionic-liquid backbone. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5867-70	16.4 132
215	Carbon nanotube/gold nanoparticles/polyethylenimine-functionalized ionic liquid thin film composites for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2008 , 24, 951-6	11.8 130
214	Ultrathin g-C ₃ N ₄ /TiO ₂ composites as photoelectrochemical elements for the real-time evaluation of global antioxidant capacity. <i>Chemical Science</i> , 2014 , 5, 3946-3951	9.4 122
213	Decorated graphene sheets for label-free DNA impedance biosensing. <i>Biomaterials</i> , 2012 , 33, 1097-106	15.6 116
212	Green synthesis of 10 nm gold nanoparticles stabilized by amine-terminated ionic liquid and their electrocatalytic activity in oxygen reduction. <i>Green Chemistry</i> , 2008 , 10, 907	10 116
211	Hollow flower-like AuPd alloy nanoparticles: One step synthesis, self-assembly on ionic liquid-functionalized graphene, and electrooxidation of formic acid. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17922	98
210	Green-synthesized gold nanoparticles decorated graphene sheets for label-free electrochemical impedance DNA hybridization biosensing. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4355-61	11.8 91
209	Preparation of highly conductive, self-assembled gold/polyaniline nanocables and polyaniline nanotubes. <i>Chemistry - A European Journal</i> , 2006 , 12, 5314-9	4.8 91
208	Hierarchical bi-continuous Pt decorated nanoporous Au-Sn alloy on carbon fiber paper for ascorbic acid, dopamine and uric acid simultaneous sensing. <i>Biosensors and Bioelectronics</i> , 2019 , 124-125, 191-198	11.8 85
207	Novel blue light emitting graphene oxide nanosheets fabricated by surface functionalization. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2929-2934	83
206	Graphene Oxide-Templated Polyaniline Microsheets toward Simultaneous Electrochemical Determination of AA/DA/UA. <i>Electroanalysis</i> , 2011 , 23, 878-884	3 83
205	Simple and rapid voltammetric determination of morphine at electrochemically pretreated glassy carbon electrodes. <i>Talanta</i> , 2009 , 79, 845-50	6.2 81
204	Self-assembled large-area Co(OH) ₂ nanosheets/ionic liquid modified graphene heterostructures toward enhanced energy storage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3404	78
203	Immobilization of ionic liquid with polyelectrolyte as carrier. <i>Chemical Communications</i> , 2005 , 4193-5	5.8 76
202	Hierarchical Nickel-Cobalt-Based Transition Metal Oxide Catalysts for the Electrochemical Conversion of Biomass into Valuable Chemicals. <i>ChemSusChem</i> , 2018 , 11, 2547-2553	8.3 74
201	Ferrocene functionalized graphene: preparation, characterization and efficient electron transfer toward sensors of H ₂ O ₂ . <i>Journal of Materials Chemistry</i> , 2012 , 22, 6165	73
200	Functionalization of graphene with electrodeposited Prussian blue towards amperometric sensing application. <i>Talanta</i> , 2011 , 85, 76-81	6.2 72

199	Electropolymerization and catalysis of well-dispersed polyaniline/carbon nanotube/gold composite. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 599, 121-126	4.1	70
198	Electrochemical determination of morphine at ordered mesoporous carbon modified glassy carbon electrode. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1408-13	11.8	68
197	A distinctive red Ag/AgCl photocatalyst with efficient photocatalytic oxidative and reductive activities. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5280-5286	13	63
196	Engineered photoelectrochemical platform for rational global antioxidant capacity evaluation based on ultrasensitive sulfonated graphene-TiO ₂ nanohybrid. <i>Analytical Chemistry</i> , 2014 , 86, 10171-8	7.8	63
195	Nanoengineering Construction of Cu ₂ O Nanowire Arrays Encapsulated with g-C ₃ N ₄ as 3D Spatial Reticulation All-Solid-State Direct Z-Scheme Photocatalysts for Photocatalytic Reduction of Carbon Dioxide. <i>ACS Catalysis</i> , 2020 , 10, 6367-6376	13.1	61
194	CoO nanostructures on flexible carbon cloth for crystal plane effect of nonenzymatic electrocatalysis for glucose. <i>Biosensors and Bioelectronics</i> , 2019 , 123, 25-29	11.8	60
193	A novel method to decorate Au clusters onto graphene via a mild co-reduction process for ultrahigh catalytic activity. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 230-239	13	58
192	Spontaneous and fast growth of large-area graphene nanofilms facilitated by oil/water interfaces. <i>Advanced Materials</i> , 2012 , 24, 3958-64	24	58
191	Reinforcement of silica with single-walled carbon nanotubes through covalent functionalization. <i>Journal of Materials Chemistry</i> , 2006 , 16, 4592		58
190	MoS ₂ /ZnO-Heterostructures-Based Label-Free, Visible-Light-Excited Photoelectrochemical Sensor for Sensitive and Selective Determination of Synthetic Antioxidant Propyl Gallate. <i>Analytical Chemistry</i> , 2019 , 91, 10657-10662	7.8	57
189	High-yield fabrication of TiCT MXene quantum dots and their electrochemiluminescence behavior. <i>Nanoscale</i> , 2018 , 10, 14000-14004	7.7	56
188	Single-Molecule Conductance of Viologen-Cucurbit[8]uril Host-Guest Complexes. <i>ACS Nano</i> , 2016 , 10, 5212-20	16.7	55
187	Biomolecule-free, selective detection of o-diphenol and its derivatives with WS ₂ /TiO ₂ -based photoelectrochemical platform. <i>Analytical Chemistry</i> , 2015 , 87, 4844-50	7.8	54
186	Electrochemically Driven Surface-Confined Acid/Base Reaction for an Ultrafast H(+) Supercapacitor. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1490-3	16.4	54
185	Advanced Anode Materials of Potassium Ion Batteries: from Zero Dimension to Three Dimensions. <i>Nano-Micro Letters</i> , 2020 , 13, 12	19.5	54
184	Facile synthesis of reduced graphene oxide-porous silicon composite as superior anode material for lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2016 , 315, 9-15	8.9	53
183	Compactly Coupled Nitrogen-Doped Carbon Nanosheets/Molybdenum Phosphide Nanocrystal Hollow Nanospheres as Polysulfide Reservoirs for High-Performance Lithium-Sulfur Chemistry. <i>Small</i> , 2019 , 15, e1902491	11	53
182	A carbon-based photocatalyst efficiently converts CO ₂ to CH ₄ and C ₂ H ₂ under visible light. <i>Green Chemistry</i> , 2014 , 16, 2142-2146	10	52

181	Regioregular Narrow-Bandgap n-Type Polymers with High Electron Mobility Enabling Highly Efficient All-Polymer Solar Cells. <i>Advanced Materials</i> , 2021 , 33, e2102635	24	51
180	A multichannel electrochemical all-solid-state wearable potentiometric sensor for real-time sweat ion monitoring. <i>Electrochemistry Communications</i> , 2019 , 107, 106553	5.1	50
179	Effective solid contact for ion-selective electrodes: tetrakis(4-chlorophenyl)borate (TB ⁻) anions doped nanocluster films. <i>Analytical Chemistry</i> , 2012 , 84, 3480-3	7.8	50
178	Morphology of electrodeposited poly(3,4-ethylenedioxythiophene)/poly(4-styrene sulfonate) films. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 602, 24-28	4.1	50
177	Direct electron transfer of horseradish peroxidase and its electrocatalysis based on carbon nanotube/thionine/gold composites. <i>Electrochemistry Communications</i> , 2008 , 10, 306-310	5.1	50
176	Monolithically integrated CoP nanowire array: An on/off switch for effective on-demand hydrogen generation via hydrolysis of NaBH ₄ and NH ₃ BH ₃ . <i>Nano Research</i> , 2017 , 10, 595-604	10	48
175	Perylenetetracarboxylic acid and carbon quantum dots assembled synergistic electrochemiluminescence nanomaterial for ultra-sensitive carcinoembryonic antigen detection. <i>Biosensors and Bioelectronics</i> , 2018 , 103, 6-11	11.8	46
174	Flexible solid state lithium batteries based on graphene inks. <i>Journal of Materials Chemistry</i> , 2011 , 21, 9762		46
173	Effect of permafrost degradation on hydrological processes in typical basins with various permafrost coverage in Western China. <i>Science China Earth Sciences</i> , 2011 , 54, 615-624	4.6	46
172	Structure and electronic properties of C ₂ N/graphene predicted by first-principles calculations. <i>RSC Advances</i> , 2016 , 6, 28484-28488	3.7	45
171	A new route to tailor high mass loading all-solid-state supercapacitor with ultra-high volumetric energy density. <i>Carbon</i> , 2018 , 136, 46-53	10.4	44
170	Bioinspired Microstructured Pressure Sensor Based on a Janus Graphene Film for Monitoring Vital Signs and Cardiovascular Assessment. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800252	6.4	44
169	Size-controllable synthesis of ultrafine PtNi nanoparticles uniformly deposited on reduced graphene oxide as advanced anode catalysts for methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 9303-9311	6.7	44
168	Construction of Bimetallic Selenides Encapsulated in Nitrogen/Sulfur Co-Doped Hollow Carbon Nanospheres for High-Performance Sodium/Potassium-Ion Half/Full Batteries. <i>Small</i> , 2020 , 16, e1907670 ¹		43
167	Exploration in materials, electrolytes and performance towards metal ion (Li, Na, K, Zn and Mg)-based hybrid capacitors: A review. <i>Nano Energy</i> , 2021 , 86, 106070	17.1	41
166	High performance Pd nanocrystals supported on SnO ₂ -decorated graphene for aromatic nitro compound reduction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3461-3467	13	39
165	Micelle-assisted synthesis of polyaniline/magnetite nanorods by in situ self-assembly process. <i>Journal of Colloid and Interface Science</i> , 2008 , 320, 341-5	9.3	39
164	MXenes: Advanced materials in potassium ion batteries. <i>Chemical Engineering Journal</i> , 2021 , 404, 126565	4.7	39

163	Photoelectrochemical device based on Mo-doped BiVO enables smart analysis of the global antioxidant capacity in food. <i>Chemical Science</i> , 2015 , 6, 6632-6638	9.4	38
162	Electrochemical Detection of Methimazole by Capillary Electrophoresis at a Carbon Fiber Microdisk Electrode. <i>Electroanalysis</i> , 2005 , 17, 1675-1680	3	37
161	Enhanced Peroxidase-Like Properties of Graphene-Hemin-Composite Decorated with Au Nanoflowers as Electrochemical Aptamer Biosensor for the Detection of K562 Leukemia Cancer Cells. <i>Chemistry - A European Journal</i> , 2016 , 22, 18001-18008	4.8	36
160	Amorphous Cobalt Boride Nanosheets Directly Grown on Nickel Foam: Controllable Alternately Dipping Deposition for Efficient Oxygen Evolution. <i>ChemElectroChem</i> , 2019 , 6, 3684-3689	4.3	36
159	Recent advances in potassium-ion hybrid capacitors: Electrode materials, storage mechanisms and performance evaluation. <i>Energy Storage Materials</i> , 2021 , 41, 108-132	19.4	36
158	Selective photocatalytic oxidation of methane by quantum-sized bismuth vanadate. <i>Nature Sustainability</i> , 2021 , 4, 509-515	22.1	35
157	Breathable and Skin-Mountable Strain Sensor with Tunable Stretchability, Sensitivity, and Linearity via Surface Strain Delocalization for Versatile Skin ActivitiesPRecognition. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42826-42836	9.5	34
156	A nanocomposite prepared from magnetite nanoparticles, polyaniline and carboxy-modified graphene oxide for non-enzymatic sensing of glucose. <i>Mikrochimica Acta</i> , 2019 , 186, 267	5.8	32
155	Simple azo derivatization on 4-aminothiophenol/Au monolayer. <i>Electrochemistry Communications</i> , 2005 , 7, 219-222	5.1	32
154	Tailoring heterostructured BiMoO/BiS nanobelts for highly selective photoelectrochemical analysis of gallic acid at drug level. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 107-114	11.8	31
153	Solid-Contact Ion-Selective Electrodes: Response Mechanisms, Transducer Materials and Wearable Sensors. <i>Membranes</i> , 2020 , 10,	3.8	31
152	pH-switched luminescence and sensing properties of a carbon dot-polyaniline composite. <i>RSC Advances</i> , 2013 , 3, 5475	3.7	31
151	New ionic liquid crystals based on azobenzene moiety with two symmetric imidazolium ion group substituents. <i>Liquid Crystals</i> , 2008 , 35, 1299-1305	2.3	31
150	Polyelectrolyte-functionalized ionic liquid for electrochemistry in supporting electrolyte-free aqueous solutions and application in amperometric flow injection analysis. <i>Green Chemistry</i> , 2007 , 9, 746	10	31
149	Grafting Benzenediazonium Tetrafluoroborate onto LiNixCoyMnzO2 Materials Achieves Subzero-Temperature High-Capacity Lithium-Ion Storage via a Diazonium Soft-Chemistry Method. <i>Advanced Energy Materials</i> , 2019 , 9, 1802946	21.8	31
148	The fluorescence detection of glutathione by OH radicalsElimination with catalyst of MoS2/rGO under full spectrum visible light irradiation. <i>Talanta</i> , 2015 , 144, 551-8	6.2	30
147	Using sp ² -C dominant porous carbon sub-micrometer spheres as solid transducers in ion-selective electrodes. <i>Electrochemistry Communications</i> , 2015 , 50, 60-63	5.1	30
146	Achieving highly efficient all-polymer solar cells by green-solvent-processing under ambient atmosphere. <i>Energy and Environmental Science</i> ,	35.4	30

145	Uniform PtIr catalysts supported on carbon nanotubes prepared with assistance from phosphomolybdic acid, and their enhanced performance in the oxidation of methanol. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19658		29
144	Large scale load of phosphotungstic acid on multiwalled carbon nanotubes with a grafted poly(4-vinylpyridine) linker. <i>Electrochimica Acta</i> , 2011 , 56, 10069-10076	6.7	29
143	A new strategy for integrating superior mechanical performance and high volumetric energy density into a Janus graphene film for wearable solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20797-20807	13	28
142	Hierarchical architecture of polyaniline nanoneedle arrays on electrochemically exfoliated graphene for supercapacitors and sodium batteries cathode. <i>Materials and Design</i> , 2020 , 188, 108440	8.1	28
141	In situ electrochemical SERS studies on electrodeposition of aniline on 4-ATP/Au surface. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 886-893	2.6	27
140	Surface-Initiated-Reversible-Addition-Fragmentation-Chain-Transfer Polymerization for Electrochemical DNA Biosensing. <i>Analytical Chemistry</i> , 2018 , 90, 12207-12213	7.8	27
139	Ce-/S-codoped TiO ₂ /Sulfonated graphene for photocatalytic degradation of organic dyes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13565-13570	13	26
138	Synthesis and characterisation of novel imidazolium-based ionic liquid crystals with a p-nitroazobenzene moiety. <i>Liquid Crystals</i> , 2008 , 35, 765-772	2.3	26
137	Enhanced response induced by polyelectrolyte-functionalized ionic liquid in glucose biosensor based on sol-gel organic/inorganic hybrid material. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 608, 78-83	4.1	26
136	Design and Synthesis of Multifunctional Materials Based on an Ionic-Liquid Backbone. <i>Angewandte Chemie</i> , 2006 , 118, 5999-6002	3.6	26
135	Electrochemical DNA Biosensing via Electrochemically Controlled Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>ACS Sensors</i> , 2019 , 4, 235-241	9.2	26
134	Electrochemically Controlled RAFT Polymerization for Highly Sensitive Electrochemical Biosensing of Protein Kinase Activity. <i>Analytical Chemistry</i> , 2019 , 91, 1936-1943	7.8	25
133	In site formation and growth of Prussian blue nanoparticles anchored to multiwalled carbon nanotubes with poly(4-vinylpyridine) linker by layer-by-layer assembly. <i>Materials Chemistry and Physics</i> , 2012 , 133, 726-734	4.4	25
132	Graphene-Based Nanohybrids for Advanced Electrochemical Sensing. <i>Electroanalysis</i> , 2015 , 27, 2098-2115		25
131	Interface for Online Coupling of Surface Plasmon Resonance to Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Chemistry</i> , 2015 , 87, 6505-9	7.8	24
130	Highly selective aerobic oxidation of methane to methanol over gold decorated zinc oxide via photocatalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 13277-13284	13	23
129	Electrostatic layer-by-layer assembly of platinum-loaded multiwall carbon nanotube multilayer: A tunable catalyst film for anodic methanol oxidation. <i>Thin Solid Films</i> , 2008 , 516, 6531-6535	2.2	23
128	Ag supported Z-scheme WO _{2.9} /g-C ₃ N ₄ composite photocatalyst for photocatalytic degradation under visible light. <i>Applied Surface Science</i> , 2020 , 501, 144258	6.7	23

127	High-strength and pH-responsive self-healing polyvinyl alcohol/poly 6-acrylamidohexanoic acid hydrogel based on dual physically cross-linked network. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 571, 64-71	5.1	22
126	Functionalized Graphene Oxide Bridging between Enzyme and Au-Sputtered Screen-Printed Interface for Glucose Detection. <i>ACS Applied Nano Materials</i> , 2019 , 2, 1589-1596	5.6	22
125	Sub-stoichiometric WO _{2.9} for formaldehyde sensing and treatment: a first-principles study. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14416-14422	13	22
124	Controlled/"living" radical polymerization-based signal amplification strategies for biosensing. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3327-3340	7.3	22
123	CdS/TiO Nanocomposite-Based Photoelectrochemical Sensor for a Sensitive Determination of Nitrite in Principle of Etching Reaction. <i>Analytical Chemistry</i> , 2021 , 93, 820-827	7.8	22
122	Oxygen Containing Functional Groups Dominate the Electrochemiluminescence of Pristine Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 27546-27554	3.8	21
121	Electrochemical exfoliation of graphene as an anode material for ultra-long cycle lithium ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 139, 109301	3.9	21
120	Simple and Efficient Synthesis of Gold Nanoclusters and Their Performance as Solid Contact of Ion Selective Electrode. <i>Electrochimica Acta</i> , 2016 , 222, 1007-1012	6.7	21
119	High Capacity and Fast Kinetics of Potassium-Ion Batteries Boosted by Nitrogen-Doped Mesoporous Carbon Spheres. <i>Nano-Micro Letters</i> , 2021 , 13, 174	19.5	21
118	Nickel hexacyanoferrate nanoparticles anchored to multiwalled carbon nanotubes with a grafted poly(4-vinylpyridine) linker for electrically switched ion exchange. <i>Electrochimica Acta</i> , 2012 , 72, 150-156	6.7	20
117	Ion-responsive behavior of ionic-liquid surfactant aggregates with applications in controlled release and emulsification. <i>ChemPhysChem</i> , 2008 , 9, 2198-202	3.2	20
116	Synthesis, characterization and mechanism of cetyltrimethylammonium bromide bilayer-encapsulated gold nanosheets and nanocrystals. <i>Applied Surface Science</i> , 2008 , 254, 6289-6293	6.7	20
115	Electrochemically Controlled ATRP for Cleavage-Based Electrochemical Detection of the Prostate-Specific Antigen at Femtomolar Level Concentrations. <i>Analytical Chemistry</i> , 2020 , 92, 15982-15988	7.8	20
114	Highly Stretchable Fiber-Based Potentiometric Ion Sensors for Multichannel Real-Time Analysis of Human Sweat. <i>ACS Sensors</i> , 2020 , 5, 2834-2842	9.2	20
113	DNA-spheres decorated with magnetic nanocomposites based on terminal transfer reactions for versatile target detection and cellular targeted drug delivery. <i>Chemical Communications</i> , 2017 , 53, 4826-4829	5.8	19
112	Probing Bio-Nano Interactions between Blood Proteins and Monolayer-Stabilized Graphene Sheets. <i>Small</i> , 2015 , 11, 5814-25	11	19
111	Fabrication and electrochemical characterization of electrostatic assembly of polyelectrolyte-functionalized ionic liquid and Prussian blue ultrathin films. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 616, 1-6	4.1	19
110	An advanced lithium ion battery based on a high quality graphitic graphene anode and a Li[Ni _{0.6} Co _{0.2} Mn _{0.2}]O ₂ cathode. <i>Electrochimica Acta</i> , 2018 , 259, 48-55	6.7	18

109	Tunable activity in electrochemical reduction of oxygen by gold/polyaniline porous nanocomposites. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1915-1922	2.6	18
108	Rationally designed nitrogen-doped yolk-shell Fe ₇ Se ₈ /Carbon nanoboxes with enhanced sodium storage in half/full cells. <i>Carbon</i> , 2020 , 166, 175-182	10.4	17
107	Amplified Electrochemical Biosensing of Thrombin Activity by RAFT Polymerization. <i>Analytical Chemistry</i> , 2020 , 92, 3470-3476	7.8	17
106	Regulations of silver halide nanostructure and composites on photocatalysis. <i>Advanced Composites and Hybrid Materials</i> , 2018 , 1, 269-299	8.7	17
105	Disposable graphene sensor with an internal reference electrode for stripping analysis of heavy metals. <i>Analytical Methods</i> , 2018 , 10, 1986-1992	3.2	16
104	High quality graphitized graphene as an anode material for lithium ion batteries. <i>Chemical Communications</i> , 2015 , 51, 15979-81	5.8	15
103	Perylene ligand wrapping G-quadruplex DNA for label-free fluorescence potassium recognition. <i>Biosensors and Bioelectronics</i> , 2012 , 38, 396-401	11.8	15
102	Electrochemical fabrication of multiplicate palladium hierarchical architectures and their electrocatalysis toward oxidation of formic acid. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 1203-1210	12.6	15
101	Carbon Hollow Tube-Confined Sb/SbS Nanorod Fragments as Highly Stable Anodes for Potassium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 51066-51077	9.5	15
100	Oxidized titanium carbide MXene-enabled photoelectrochemical sensor for quantifying synergistic interaction of ascorbic acid based antioxidants system. <i>Biosensors and Bioelectronics</i> , 2021 , 177, 112978	11.8	15
99	SERS detection of proteins on micropatterned protein-mediated sandwich substrates. <i>Journal of Raman Spectroscopy</i> , 2011 , 42, 1492-1496	2.3	14
98	Electrochemical preparation of self-doped poly(o-aminobenzenesulfonic acid-co-aniline) microflowers. <i>Electrochemistry Communications</i> , 2005 , 7, 875-878	5.1	14
97	Ultralong cycle life and high rate potassium ion batteries enabled by multi-level porous carbon. <i>Journal of Power Sources</i> , 2021 , 492, 229614	8.9	14
96	Design advanced porous Polyaniline-PEDOT:PSS composite as high performance cathode for sodium ion batteries. <i>Composites Communications</i> , 2021 , 24, 100674	6.7	14
95	Improved performances of a LiNi _{0.6} Co _{0.15} Mn _{0.25} O ₂ cathode material with full concentration-gradient for lithium ion batteries. <i>RSC Advances</i> , 2016 , 6, 103747-103753	3.7	14
94	Exploring MXene-based materials for next-generation rechargeable batteries. <i>JPhys Energy</i> , 2021 , 3, 032009	4.9	13
93	Highly selective conversion of CO to CH on graphene modified chlorophyll Cu through multi-electron process for artificial photosynthesis. <i>Nanoscale</i> , 2019 , 11, 22980-22988	7.7	13
92	Electrochemically controlled grafting of polymers for ultrasensitive electrochemical assay of trypsin activity. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112358	11.8	12

91	Fabrication and characterization of self-doped poly(aniline-co-anthranilic acid) nanorods in bundles. <i>Materials Chemistry and Physics</i> , 2007 , 105, 380-384	4.4	12
90	Untraditional Deformation-Driven Pressure Sensor with High Sensitivity and Ultra-Large Sensing Range up to MPa Enables Versatile Applications. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000677	6.8	12
89	A Practical Li-Ion Full Cell with a High-Capacity Cathode and Electrochemically Exfoliated Graphene Anode: Superior Electrochemical and Low-Temperature Performance. <i>ACS Applied Energy Materials</i> , 2019 , 2, 486-492	6.1	12
88	Ultrasensitive peptide-based electrochemical detection of protein kinase activity amplified by RAFT polymerization. <i>Talanta</i> , 2020 , 206, 120173	6.2	12
87	Space-Confined Graphene Films for Pressure-Sensing Applications. <i>ACS Applied Nano Materials</i> , 2020 , 3, 1731-1740	5.6	11
86	Robust single-piece all-solid-state potassium-selective electrode with monolayer-protected Au clusters. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 781, 272-277	4.1	11
85	Lipids Promote Glycated Phospholipid Formation by Inducing Hydroxyl Radicals in a Maillard Reaction Model System. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 7961-7967	5.7	11
84	Skin-Inspired Hair-Epidermis-Dermis Hierarchical Structures for Electronic Skin Sensors with High Sensitivity over a Wide Linear Range. <i>ACS Nano</i> , 2021 , 15, 16218-16227	16.7	11
83	A dielectric barrier discharge ionization based interface for online coupling surface plasmon resonance with mass spectrometry. <i>Analyst, The</i> , 2016 , 141, 3343-8	5	11
82	Design of two electrode system for detection of antioxidant capacity with photoelectrochemical platform. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 458-64	11.8	10
81	Spatial Variation in Biomass and Its Relationships to Soil Properties in the Permafrost Regions Along the Qinghai-Tibet Railway. <i>Environmental Engineering Science</i> , 2017 , 34, 130-137	2	10
80	Carbon Nitride Quantum Dots Enhancing the Anodic Electrochemiluminescence of Ruthenium(II) Tris(2,2-Pbipyridyl) via Inhibiting the Oxygen Evolution Reaction. <i>Analytical Chemistry</i> , 2020 , 92, 15352-15360	7.8	10
79	Selective transfer of target heavy metal ions with a simple water-droplet modified approach. <i>Electrochemistry Communications</i> , 2011 , 13, 221-224	5.1	10
78	Synthesis and properties of new ionic liquid crystals based on para-nitroazobenzene with substitution vinylimidazolium ion group. <i>Liquid Crystals</i> , 2011 , 38, 1349-1355	2.3	10
77	Fast and facile preparation of superhigh aspect-ratio Cu ₂ thiourea nanowires in large quantity. <i>Materials Letters</i> , 2007 , 61, 3632-3634	3.3	10
76	Self-assembled perylene-tetracarboxylic acid/multi-walled carbon nanotube adducts based modification of screen-printed interface for efficient enzyme immobilization towards glucose biosensing. <i>Microchemical Journal</i> , 2021 , 165, 106109	4.8	10
75	Phosphotungstic acid-assisted preparation of carbon nanotubes-supported uniform Pt and Pt bimetallic nanoparticles, and their enhanced catalytic activity on methanol electro-oxidation. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	9
74	Synthesis and properties of ferrocene-functionalised polythiophene derivatives. <i>Synthetic Metals</i> , 2009 , 159, 1422-1426	3.6	9

73	Synergistically enhanced electrochemical performance using nitrogen, phosphorus and sulfur tri-doped hollow carbon for advanced potassium ion storage device. <i>Chemical Engineering Journal</i> , 2022 , 431, 133986	14.7	9
72	Investigation of the binding sites and orientation of Norfloxacin on bovine serum albumin by surface enhanced Raman scattering and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 207, 307-312	4.4	9
71	Molecularly imprinted photo-electrochemical sensor for hemoglobin detection based on titanium dioxide nanotube arrays loaded with CdS quantum dots. <i>Talanta</i> , 2021 , 224, 121924	6.2	9
70	Nanoparticles: Intercorrelated Superhybrid of AgBr Supported on Graphitic-C3N4-Decorated Nitrogen-Doped Graphene: High Engineering Photocatalytic Activities for Water Purification and CO2 Reduction (Adv. Mater. 43/2015). <i>Advanced Materials</i> , 2015 , 27, 7011-7011	24	8
69	Flowerlike submicrometer gold particles: Size- and surface roughness-controlled synthesis and electrochemical characterization. <i>Journal of Materials Research</i> , 2010 , 25, 1755-1760	2.5	8
68	Electrochemistry of Hydroquinone Derivatives at Metal and Iodine-modified Metal Electrodes1. <i>Chemical Research in Chinese Universities</i> , 2006 , 22, 493-499	2.2	8
67	Lattice Proton Intercalation to Regulate WO3-Based Solid-Contact Wearable pH Sensor for Sweat Analysis. <i>Advanced Functional Materials</i> , 2107653	15.6	8
66	Construction of three-dimensional nitrogen doped porous carbon flake electrodes for advanced potassium-ion hybrid capacitors. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 1940-1949	9.3	8
65	2D Nitrogen-Containing Carbon Material C5N as Potential Host Material for Lithium Polysulfides: A First-Principles Study. <i>Advanced Theory and Simulations</i> , 2019 , 2, 1800165	3.5	8
64	Bimetallic oxide coupled with B-doped graphene as highly efficient electrocatalyst for oxygen evolution reaction. <i>Science China Materials</i> , 2020 , 63, 1247-1256	7.1	8
63	Palladium-modified cuprous(i) oxide with {100} facets for photocatalytic CO reduction. <i>Nanoscale</i> , 2021 , 13, 2883-2890	7.7	8
62	Two-dimensional Fe2O3/TiO2 Composite Nanoplates with Improved Lithium Storage Properties as Anodic Materials for Lithium-Ion Full Cells. <i>ChemElectroChem</i> , 2020 , 7, 4963-4970	4.3	7
61	Rational Construction of 2D Fe O @Carbon Core-Shell Nanosheets as Advanced Anode Materials for High-Performance Lithium-Ion Half/Full Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 8121-8128	4.8	7
60	Electrochemically induced grafting of ferrocenyl polymers for ultrasensitive cleavage-based interrogation of matrix metalloproteinase activity. <i>Biosensors and Bioelectronics</i> , 2021 , 178, 113010	11.8	7
59	Industrialization of tailoring spherical cathode material towards high-capacity, cycling-stable and superior low temperature performance for lithium-ion batteries. <i>RSC Advances</i> , 2016 , 6, 97818-97824	3.7	7
58	Enhanced photocatalytic CO2 reduction by constructing an In2O3/CuO heterojunction with CuO as a cocatalyst. <i>Catalysis Science and Technology</i> , 2021 , 11, 2713-2717	5.5	7
57	Collector and binder-free high quality graphene film as a high performance anode for lithium-ion batteries. <i>RSC Advances</i> , 2017 , 7, 1818-1821	3.7	6
56	Unraveling the Impact of Electrochemically Created Oxygen Vacancies on the Performance of ZnO Nanowire Photoanodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 18165-18173	8.3	6

55	Titanium Oxide-Confined Manganese Oxide for One-Step Electrocatalytic Preparation of 2,5-Furandicarboxylic Acid in Acidic Media. <i>ChemElectroChem</i> , 2020 , 7, 4251-4258	4.3	6
54	Nanostructured Lateral Boron Substitution Conjugated Donor-Acceptor Oligomers for Visible-Light-Driven Hydrogen Production. <i>Small</i> , 2021 , 17, e2100132	11	6
53	Aggregation-induced delayed fluorescence luminogens: the innovation of purely organic emitters for aqueous electrochemiluminescence. <i>Chemical Science</i> , 2021 , 12, 13283-13291	9.4	6
52	Ti ₃ BN monolayer: the MXene-like material predicted by first-principles calculations. <i>RSC Advances</i> , 2017 , 7, 11834-11839	3.7	5
51	Enhanced Peroxidase-Like Properties of Graphene-Hemin-Composite Decorated with Au Nanoflowers as Electrochemical Aptamer Biosensor for the Detection of K562 Leukemia Cancer Cells. <i>Chemistry - A European Journal</i> , 2016 , 22, 17873-17873	4.8	5
50	Ion Transfer Voltammetry Associated with Two Polarizable Interfaces Within Water and Moderately Hydrophobic Ionic Liquid Systems. <i>Electroanalysis</i> , 2013 , 25, 857-866	3	5
49	Electro-assisted precipitation of electrolytes in poly(3,4-ethylenedioxythiophene) film. <i>Synthetic Metals</i> , 2007 , 157, 779-783	3.6	4
48	EQCM Characterization of Self-Assembled Kinetics of 4-Pyridyl Hydroquinone at Pt Surface and Its Ion Transfer in Electrochemical Redox. <i>Electroanalysis</i> , 1999 , 11, 1112-1115	3	4
47	Two-dimensional N/O co-doped porous turbostratic carbon nanomeshes with expanded interlayer spacing as host material for potassium/lithium half/full batteries. <i>Journal of Materials Chemistry A</i> ,	13	4
46	Solid-Contact Ion Sensing Without Using an Ion-Selective Membrane through Classic Li-Ion Battery Materials. <i>Analytical Chemistry</i> , 2021 , 93, 7588-7595	7.8	4
45	Ionic liquids as precursors for Fe-N doped carbon nanotube electrocatalysts for the oxygen reduction reaction. <i>Nanoscale</i> , 2021 , 13, 15804-15811	7.7	4
44	Inhibition Mechanism of Catechin, Resveratrol, Butylated Hydroxyanisole, and Tert-Butylhydroquinone on Carboxymethyl 1,2-Dipalmitoyl-sn-Glycero-3-Phosphatidylethanolamine Formation. <i>Journal of Food Science</i> , 2019 , 84, 2042-2049	3.4	3
43	Applications of scanning probe microscopy in intrinsically conducting polymer research. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2007 , 2, 1-5		3
42	Unprecedented Dual Role of Polyaniline for Enhanced Pseudocapacitance of Cobalt-iron Layered Double Hydroxide.. <i>Macromolecular Rapid Communications</i> , 2022 , e2100905	4.8	3
41	Stable Ti ³⁺ Sites Derived from the Ti _x O _y -Pz Layer Boost Cubic Fe ₂ O ₃ for Enhanced Photocatalytic N ₂ Reduction. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	3
40	Conductive metal organic framework for ion-selective membrane-free solid-contact potentiometric Cu ²⁺ sensing. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 904, 115923	4.1	3
39	Polymer Electrochemiluminescence Featuring Thermally Activated Delayed Fluorescence. <i>ChemPhysChem</i> , 2021 , 22, 726-732	3.2	3
38	A Novel Method to Prepare Flexible 3D NiO Nanosheets Electrodes for Alkaline Rechargeable Ni/Zn Batteries. <i>ChemElectroChem</i> , 2021 , 8, 2214-2220	4.3	3

37	Optimizing Surface N-Doping of Fe-N-C Catalysts Derived from Fe/Melamine-Decorated Polyaniline for Oxygen Reduction Electrocatalysis. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100197	4.6	3
36	Coenzyme-Mediated Electro-RAFT Polymerization for Amplified Electrochemical Interrogation of Trypsin Activity. <i>Analytical Chemistry</i> , 2021 , 93, 9602-9608	7.8	3
35	Adsorption and desorption mechanisms on graphene oxide nanosheets: Kinetics and tuning. <i>Innovation(China)</i> , 2021 , 2, 100137	17.8	3
34	Nanoencapsulation strategy: enabling electrochemiluminescence of thermally activated delayed fluorescence (TADF) emitters in aqueous media. <i>Chemical Communications</i> , 2021 , 57, 5262-5265	5.8	3
33	Single-atom catalysts supported on ordered porous materials: Synthetic strategies and applications. <i>Information Materials</i> ,	23.1	3
32	Potassium Storage in Bismuth Nanoparticles Embedded in N-doped Porous Carbon Facilitated by Ether-based Electrolyte. <i>Chemical Engineering Journal</i> , 2022 , 137329	14.7	3
31	A New Quartz Crystal Microbalance Measuring Method with Expansive Frequency Range and Broadband Adaptive Response Capacity. <i>Chinese Journal of Analytical Chemistry</i> , 2014 , 42, 773-778	1.6	2
30	Graphite-like Carbon Nitride Nanotube for Electrochemiluminescence Featuring High Efficiency, High Stability, and Ultrasensitive Ion Detection Capability. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 11191-11198	6.4	2
29	Mesoporous N-doped Carbon-Coated CoSe Nanocrystals Encapsulated in S-Doped Carbon Nanosheets as Advanced Anode with Ultrathin Solid Electrolyte Interphase for High-Performance Sodium-Ion Half/Full Batteries. <i>Journal of Materials Chemistry A</i> ,	13	2
28	Co ₃ O ₄ nanocubes decorated single-walled carbon nanotubes for efficient electrochemical non-enzymatic glucose sensing. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	2
27	Novel strategy of natural antioxidant nutrition quality evaluation in food: Oxidation resistance mechanism and synergistic effects investigation. <i>Food Chemistry</i> , 2021 , 359, 129768	8.5	2
26	Solid-Contact Potentiometric Anion Sensing Based on Classic Silver/Silver Insoluble Salts Electrodes without Ion-Selective Membrane.. <i>Membranes</i> , 2021 , 11,	3.8	2
25	Merkel receptor-inspired integratable and biocompatible pressure sensor with linear and ultrahigh sensitive response for versatile applications. <i>Chemical Engineering Journal</i> , 2022 , 136481	14.7	2
24	Dual signal-based electrochemical aptasensor for simultaneous detection of Lead(II) and Mercury(II) in environmental water samples.. <i>Biosensors and Bioelectronics</i> , 2022 , 209, 114280	11.8	2
23	Recent Advances in Wearable Potentiometric pH Sensors. <i>Membranes</i> , 2022 , 12, 504	3.8	2
22	N-Doped Graphene Oxide Decorated with PtCo Nanoparticles for Immobilization of Double-Stranded Deoxyribonucleic Acid and Investigation of Clenbuterol-Induced DNA Damage. <i>ACS Omega</i> , 2019 , 4, 16524-16530	3.9	1
21	Single-Molecule Nanocatalysis Reveals the Kinetics of the Synergistic Effect Based on Single-AuAg Bimetal Nanocatalysts.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 830-837	6.4	1
20	Bismuth Nanoparticles Encapsulated in Nitrogen-Rich Porous Carbon Nanofibers as a High-Performance Anode for Aqueous Alkaline Rechargeable Batteries.. <i>Small</i> , 2022 , 18, e2105770	11	1

19	Graphene oxide-assisted synthesis of N, S Co-doped carbon quantum dots for fluorescence detection of multiple heavy metal ions.. <i>Talanta</i> , 2022 , 241, 123224	6.2	1
18	3D Tungsten Trioxide Nanosheets as Optoelectronic Materials for On-chip Quantification of Global Antioxidant Capacity. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 763-771	2.2	1
17	Review of the formation and influencing factors of food-derived glycated lipids. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 1-16	11.5	1
16	Effects of methyl cellulose-based coating on physiochemical properties and chemical hazards of Chinese fried dough cake during storage. <i>International Journal of Food Science and Technology</i> , 2021 , 56, 4770-4779	3.8	1
15	The inhibitory effects of sesamol and sesamolin on the glycidyl esters formation during deodorization of vegetables oils. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 3605-3612	4.3	1
14	Sesame oil inhibits the formation of glycidyl ester during deodorization. <i>International Journal of Food Properties</i> , 2021 , 24, 505-516	3	1
13	Enhanced photocatalytic degradation of tetracycline by constructing a controllable Cu ₂ O//TiO ₂ heterojunction with specific crystal facets. <i>Catalysis Science and Technology</i> , 2021 , 11, 6248-6256	5.5	1
12	Ni ₃ C/Ni Nanochains for Electrochemical Sensing of Glucose. <i>ACS Applied Nano Materials</i> , 2021 , 4, 8520-8529	5.29	1
11	Coenzyme-mediated electro-grafting for ultrasensitive electrochemical DNA biosensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 346, 130551	8.5	1
10	Backbone Configuration and Electronic Property Tuning of Imide-Functionalized Ladder-Type Heteroarenes-Based Polymer Acceptors for Efficient All-Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2020 , 30, 200065	15.6	1
9	Self-adhesive and printable tannin-graphene supramolecular aggregates for wearable potentiometric pH sensing. <i>Electrochemistry Communications</i> , 2022 , 137, 107261	5.1	1
8	Bioinspired Electro-RAFT Polymerization for Electrochemical Sensing of Nucleic Acids. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54794-54800	9.5	0
7	Surface State Passivation Ignited Photoelectrochemical Sensing of Thallium(I) with Ultrathin In ₂ S ₃ Nanosheets. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 2490-2496	4	0
6	Direct Z-scheme FeV ₂ O ₄ /g-C ₃ N ₄ Binary Catalyst for Highly Selective Reduction of Carbon Dioxide. <i>Chemical Engineering Journal</i> , 2021 , 132051	14.7	0
5	Coulometric ion sensing with Li ⁺ -selective LiMn ₂ O ₄ electrodes. <i>Electrochemistry Communications</i> , 2022 , 107302	5.1	0
4	Lithium Sulfur Batteries: Compactly Coupled Nitrogen-Doped Carbon Nanosheets/Molybdenum Phosphide Nanocrystal Hollow Nanospheres as Polysulfide Reservoirs for High-Performance Lithium Sulfur Chemistry (Small 40/2019). <i>Small</i> , 2019 , 15, 1970216	11	
3	Growth mechanism of liquid Hg/solid HgS metal-semiconductor heterostructures. <i>Science Bulletin</i> , 2014 , 59, 3894-3903		
2	Detection of the effect of polydopamine (PDA)-coated polydimethylsiloxane (PDMS) substrates on the release of HO from a single HeLa cell. <i>Analyst, The</i> , 2021 , 146, 6445-6449	5	

- 1 A Label-free Photoelectrochemical Sensor Based on Bi₂S₃@Nitrogen Doped Graphene Quantum Dots for Ascorbic Acid Determination. *Chemical Research in Chinese Universities*,1 2.2