

# Wenrong Yang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1828082/wenrong-yang-publications-by-year.pdf>

**Version:** 2024-04-26

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.

228  
papers

11,936  
citations

53  
h-index

103  
g-index

249  
ext. papers

13,825  
ext. citations

7  
avg, IF

6.6  
L-index

#	Paper	IF	Citations
228	Synthesis of nitrogen-sulfur co-doped Ti <sub>3</sub> C <sub>2</sub> T MXene with enhanced electrochemical properties. <i>Materials Reports Energy</i> , <b>2022</b> , 100079		2
227	Vacancy engineering of oxidized Nb <sub>2</sub> CT <sub>x</sub> MXenes for a biased nitrogen fixation. <i>Green Energy and Environment</i> , <b>2022</b> ,	5.7	1
226	A Sensitive Electrochemical Assay for T4 Polynucleotide Kinase Activity Based on Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> And Gold Nanoparticles Hybrid Probe Modified Magnetic Electrode. <i>Journal of the Electrochemical Society</i> , <b>2022</b> , 169, 027504	3.9	2
225	A fluorescent probe based on tryptophan-coated silver nanoclusters for copper (II) ions detection and bioimaging in cells. <i>Microchemical Journal</i> , <b>2022</b> , 175, 107222	4.8	4
224	Electrochemical detection of T4 polynucleotide kinase activity based on magnetic FeO@TiO nanoparticles triggered by a rolling circle amplification strategy.. <i>Talanta</i> , <b>2022</b> , 241, 123272	6.2	0
223	2D Active Nanobots Based on Soft Nanoarchitectonics Powered by an Ultralow Fuel Concentration. <i>Angewandte Chemie</i> , <b>2022</b> , 134, e202113801	3.6	1
222	Water-based asymmetric supercapacitors with 2.5 V wide potential and high energy density based on Na <sub>0.6</sub> CoO <sub>2</sub> nanoarray formed via electrochemical oxidation. <i>Carbon</i> , <b>2022</b> , 189, 81-92	10.4	1
221	Assembly of gold nanorods with L-cysteine reduced graphene oxide for highly efficient NIR-triggered photothermal therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 266, 120458	4.4	3
220	Arsenic ion assisted core@satellites nano-assembly of gold nanoparticles for its colorimetric determination in water. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 102833	6.7	0
219	A novel fluorescent OFF-ON sensing strategy for Hg (II) in water based on functionalized gold nanoparticles. <i>Chemosphere</i> , <b>2022</b> , 303, 135174	8.4	0
218	2D Active Nanobots Based on Soft Nanoarchitectonics Powered by an Ultralow Fuel Concentration.. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	2
217	Effects of gold nanoparticles combined with human defensin 3 on the alveolar bone loss of periodontitis in rat. <i>BioMedical Engineering OnLine</i> , <b>2021</b> , 20, 115	4.1	0
216	In Situ Synthesis of CoCeS Bimetallic Sulfide Nanoparticles on a Bi-Pyrene Terminated Molecular Wire Modified Graphene Surface for Supercapacitors. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 17402-17411	4.8	1
215	Simultaneous determination of 10 new psychoactive piperazine derivatives in urine using ultrasound-assisted low-density solvent dispersive liquid-liquid microextraction combined with gas chromatography-tandem mass spectrometry. <i>Journal of Forensic Sciences</i> , <b>2021</b> , 66, 748-757	1.8	1
214	Challenges and solutions in surface engineering and assembly of boron nitride nanosheets. <i>Materials Today</i> , <b>2021</b> , 44, 194-210	21.8	10
213	Multilayered and hierarchical structured NiCo double hydroxide nanosheets generated on porous MgCo <sub>2</sub> O <sub>4</sub> nanowire arrays for high performance supercapacitors. <i>Applied Surface Science</i> , <b>2021</b> , 546, 149133	6.7	17
212	MgCoO@NiMn layered double hydroxide core-shell nanocomposites on nickel foam as superior electrode for all-solid-state asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 592, 455-467	9.3	17

211	Synthesis of petaloid and origami-lantern shaped MnO <sub>2</sub> /Co <sub>2</sub> CH@C hierarchical core-shell nanorod arrays for portable asymmetric supercapacitor. <i>Composites Part B: Engineering</i> , <b>2021</b> , 215, 108756	10	19
210	Direct Observation of Amide Bond Formation in a Plasmonic Nanocavity Triggered by Single Nanoparticle Collisions. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9781-9790	16.4	7
209	Nano-Enabled sensors for detection of arsenic in water. <i>Water Research</i> , <b>2021</b> , 188, 116538	12.5	21
208	Flower-like nanosheets directly grown on Co foil as efficient bifunctional catalysts for overall water splitting. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 587, 650-660	9.3	3
207	Facile construction of MgCo <sub>2</sub> O <sub>4</sub> @CoFe layered double hydroxide core-shell nanocomposites on nickel foam for high-performance asymmetric supercapacitors. <i>Journal of Power Sources</i> , <b>2021</b> , 484, 229288	8.8	33
206	Mechanochemistry: A force in disguise and conditional effects towards chemical reactions. <i>Chemical Communications</i> , <b>2021</b> , 57, 1080-1092	5.8	31
205	Gold Nanoparticles Combined Human $\beta$ Defensin 3 Gene-Modified Human Periodontal Ligament Cells Alleviate Periodontal Destruction the p38 MAPK Pathway. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 631191	5.8	1
204	A nitrogenous pre-intercalation strategy for the synthesis of nitrogen-doped Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene with enhanced electrochemical capacitance. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 6393-6401	13	14
203	Ultrafast generation of highly crystalline graphene quantum dots from graphite paper via laser writing. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 594, 460-465	9.3	9
202	Effect of Triton X-100 on the Activity and Selectivity of Lipase Immobilized on Chemically Reduced Graphene Oxides. <i>Langmuir</i> , <b>2021</b> , 37, 9202-9214	4	1
201	Ultrathin 2D Titanium Carbide MXene (Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> ) Nanoflakes Activate WNT/HIF-1 $\beta$ -Mediated Metabolism Reprogramming for Periodontal Regeneration. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2101215	10.1	2
200	l-cysteine-modified chiral gold nanoparticles promote periodontal tissue regeneration. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3288-3299	16.7	4
199	Electrochemical detection of DNA by formation of efficient electron transfer pathways through adsorbing gold nanoparticles to DNA modified electrodes. <i>Microchemical Journal</i> , <b>2021</b> , 169, 106581	4.8	7
198	In-situ formation of $\beta$ Co(OH) <sub>2</sub> nanosheet arrays on magnesium cobaltate nanowires for hybrid supercapacitors with enhanced electrochemical performance. <i>Applied Surface Science</i> , <b>2021</b> , 568, 150856	6.7	2
197	Gold Nanoparticles Promote the Bone Regeneration of Periodontal Ligament Stem Cell Sheets Through Activation of Autophagy. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 61-73	7.3	10
196	Case studies on illegal production of ephedrine/pseudoephedrine within Fujian China. <i>Forensic Science International</i> , <b>2020</b> , 312, 110326	2.6	2
195	FeCoNi Sulfides Derived From Sulfurization of Precursor Oxides as Oxygen Evolution Reaction Catalyst. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 334	5	10
194	Facile fluorescence strategy for sensitive detection of microcystin-LR based on dsDNA-templated copper nanoclusters. <i>Analytical Methods</i> , <b>2020</b> , 12, 1752-1758	3.2	10

193	Defective Carbon-Doped Boron Nitride Nanosheets for Highly Efficient Electrocatalytic Conversion of N <sub>2</sub> to NH <sub>3</sub> . <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 5278-5286	8.3	39
192	Freezing Titanium Carbide Aqueous Dispersions for Ultra-long-term Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 34032-34040	9.5	55
191	Additive-Free MXene Liquid Crystals and Fibers. <i>ACS Central Science</i> , <b>2020</b> , 6, 254-265	16.8	73
190	Hierarchical trimetallic sulfide FeCo <sub>2</sub> S <sub>4</sub> /NiCo <sub>2</sub> S <sub>4</sub> nanosheet arrays supported on a Ti mesh: An efficient 3D bifunctional electrocatalyst for full water splitting. <i>Electrochimica Acta</i> , <b>2020</b> , 340, 135957	6.7	29
189	Soft Nanoarchitectonics for Enantioselective Biosensing. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 644-652	5.3	37
188	Recent Advancement of Biosensor Technology for the Detection of Microcystin-LR. <i>Bulletin of the Chemical Society of Japan</i> , <b>2020</b> , 93, 637-646	5.1	26
187	Improving the rate capability of ultrathin NiCo-LDH nanoflakes and FeOOH nanosheets on surface electrochemically modified graphite fibers for flexible asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 237-246	9.3	30
186	Flexible coaxial fiber-shaped asymmetric supercapacitors based on manganese, nickel co-substituted cobalt carbonate hydroxides. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 1837-1848	13	41
185	A self-enhanced and recyclable catalytic system constructed from magnetic bi-nano-bionic enzymes for real-time control of RAFT polymerization. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 1301-1308	7.1	6
184	Cobalt/Nickel Ions-Assisted Synthesis of Laminated CuO Nanospheres Based on Cu(OH) Nanorod Arrays for High-Performance Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 2591-2600	8.5	31
183	Solvent Effect on Supramolecular Self-Assembly of Chlorophylls a on Chemically Reduced Graphene Oxide. <i>Langmuir</i> , <b>2020</b> , 36, 13575-13582	4	6
182	The comparative study of two kinds of BiO/TiO <sub>2</sub> binary composite and their removal of 17 $\beta$ -ethynylestradiol. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 24692-24701	5.1	2
181	Homogeneous nickel metal-organic framework microspheres on reduced graphene oxide as novel electrode material for supercapacitors with outstanding performance. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 561, 265-274	9.3	42
180	Scalable Manufacturing of Free-Standing, Strong Ti C T MXene Films with Outstanding Conductivity. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001093	24	268
179	The comparative study of two reusable phosphotungstic acid salts/reduced graphene oxides composites with enhanced photocatalytic activity. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 34248-34260	5.1	5
178	Reverse synthesis of star anise-like cobalt doped Cu-MOF/Cu <sub>2</sub> O hybrid materials based on a Cu(OH) <sub>2</sub> precursor for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 3815-3827	13.97	97
177	Double stranded DNA-templated copper nanoclusters as a novel fluorescent probe for label-free detection of rutin. <i>Analytical Methods</i> , <b>2019</b> , 11, 3584-3589	3.2	7
176	Immobilisation of microperoxidase-11 into layered MoO <sub>3</sub> for applications of enzymatic conversion. <i>Applied Materials Today</i> , <b>2019</b> , 16, 185-192	6.6	15

175	Lipase-catalysed synthesis of palm oil-omega-3 structured lipids. <i>Food and Function</i> , <b>2019</b> , 10, 3142-3149	6.1	15
174	Enzyme-free fluorescent detection of microcystin-LR using hairpin DNA-templated copper nanoclusters as signal indicator. <i>Talanta</i> , <b>2019</b> , 202, 279-284	6.2	21
173	Benchmarking Three Ruthenium Phosphide Phases for Electrocatalysis of the Hydrogen Evolution Reaction: Experimental and Theoretical Insights. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7826-7830	4.8	28
172	Chemo-Photothermal Therapy: Nanogold Flower-Inspired Nanoarchitectonics Enables Enhanced Light-to-Heat Conversion Ability for Rapid and Targeted Chemo-Photothermal Therapy of a Tumor (Adv. Healthcare Mater. 8/2019). <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, 1970034	10.1	
171	Electrochemical selective detection of carnitine enantiomers coupling copper ion dependent DNAzyme with DNA assistant hybridization chain reaction. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 837, 137-142	4.1	6
170	Gold nanoparticles modulate the crosstalk between macrophages and periodontal ligament cells for periodontitis treatment. <i>Biomaterials</i> , <b>2019</b> , 206, 115-132	15.6	64
169	Insight into Catalytic Mechanisms for the Reduction of Nitrophenol via Heterojunctions of Gold Nanoclusters on 2D Boron Nitride Nanosheets. <i>ChemNanoMat</i> , <b>2019</b> , 5, 784-791	3.5	18
168	Investigating the Mechanism for the Enhanced Oxidation Stability of Microencapsulated Omega-3 Concentrates. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	5
167	MOF derived Ni-Co-S nanosheets on electrochemically activated carbon cloth via an etching/ion exchange method for wearable hybrid supercapacitors. <i>Chemical Engineering Journal</i> , <b>2019</b> , 371, 461-469	14.7	145
166	Nanogold Flower-Inspired Nanoarchitectonics Enables Enhanced Light-to-Heat Conversion Ability for Rapid and Targeted Chemo-Photothermal Therapy of a Tumor. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1801300	10.1	13
165	Screen-printable films of graphene/CoS <sub>2</sub> /Ni <sub>3</sub> S <sub>4</sub> composites for the fabrication of flexible and arbitrary-shaped all-solid-state hybrid supercapacitors. <i>Carbon</i> , <b>2019</b> , 146, 557-567	10.4	49
164	Fabrication of Cobaltosic Oxide Nanoparticle-Doped 3 D MXene/Graphene Hybrid Porous Aerogels for All-Solid-State Supercapacitors. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5547-5554	4.8	53
163	Anchovy oil microcapsule powders prepared using two-step complex coacervation between gelatin and sodium hexametaphosphate followed by spray drying. <i>Powder Technology</i> , <b>2019</b> , 358, 68-78	5.2	13
162	Zn-Ni-Co trimetallic carbonate hydroxide nanothorns branched on Cu(OH) <sub>2</sub> nanorods array based on Cu foam for high-performance asymmetric supercapacitors. <i>Journal of Power Sources</i> , <b>2019</b> , 437, 2268-2277	8.9	71
161	The influence of 2D nanomaterials on electron transfer across molecular thin films. <i>Molecular Systems Design and Engineering</i> , <b>2019</b> , 4, 431-436	4.6	3
160	Fast and scalable wet-spinning of highly conductive PEDOT:PSS fibers enables versatile applications. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 6401-6410	13	85
159	Highly Conductive Ti C T MXene Hybrid Fibers for Flexible and Elastic Fiber-Shaped Supercapacitors. <i>Small</i> , <b>2019</b> , 15, e1804732	11	98
158	Boron Radicals Identified as the Source of the Unexpected Catalysis by Boron Nitride Nanosheets. <i>ACS Nano</i> , <b>2019</b> , 13, 1394-1402	16.7	27

157	The TiO (B) nano-belts with excellent performance prepared via alkaline stirring hydrothermal method and its application to remove 17 $\beta$ -ethynylestradiol. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 34018-34026	5.1	6
156	Monitoring the Dynamic Process of Formation of Plasmonic Molecular Junctions during Single Nanoparticle Collisions. <i>Small</i> , <b>2018</b> , 14, e1704164	11	11
155	One-step electrochemical strategy for in-situ synthesis of S,N-codoped graphene as metal-free catalyst for oxygen reduction reaction. <i>Carbon</i> , <b>2018</b> , 134, 316-325	10.4	48
154	Controlling enzyme function through immobilisation on graphene, graphene derivatives and other two dimensional nanomaterials. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 3200-3218	7.3	32
153	Nickel-Borate/Reduced Graphene Oxide Nanohybrid: A Robust and Efficient Electrocatalyst for Oxygen Evolution Reaction in Alkaline and Near Neutral Media. <i>ChemCatChem</i> , <b>2018</b> , 10, 2826-2832	5.2	18
152	Design of Enzyme Micelles with Controllable Concavo-Convex Micromorphologies for Highly Enhanced Stability and Catalytical Activity. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, 1700312	5.5	4
151	Switching off the interactions between graphene oxide and doxorubicin using vitamin C: combining simplicity and efficiency in drug delivery. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1251-1259	7.3	18
150	Superelastic and Arbitrary-Shaped Graphene Aerogels with Sacrificial Skeleton of Melamine Foam for Varied Applications. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1704674	15.6	116
149	Ultrasensitive enzyme-free electrochemical immunosensor for microcystin-LR using molybdenum disulfide/gold nanoclusters nanocomposites as platform and Au@Pt core-shell nanoparticles as signal enhancer. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 266, 400-407	8.5	40
148	Biocompatibility of boron nitride nanosheets. <i>Nano Research</i> , <b>2018</b> , 11, 334-342	10	64
147	A Bunch-like Copper Oxide Nanowire Array as an Efficient, Durable, and Economical Catalyst for the Methanolysis of Ammonia Borane. <i>ChemCatChem</i> , <b>2018</b> , 10, 710-715	5.2	22
146	An Efficient Solvent- and Catalyst-Free Synthesis of Bicyclic Pyridones with High Molecular Diversity via Cascade Reaction. <i>Heterocycles</i> , <b>2018</b> , 96, 311	0.8	2
145	Monitoring acid-base, precipitation, complexation and redox titrations by a capacitively coupled contactless conductivity detector. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2018</b> , 116, 458-463	4.6	5
144	Hierarchical coral-like NiMoS nanohybrids as highly efficient bifunctional electrocatalysts for overall urea electrolysis. <i>Nano Research</i> , <b>2018</b> , 11, 988-996	10	172
143	A sensitive electrochemical assay for T4 polynucleotide kinase activity based on titanium dioxide nanotubes and a rolling circle amplification strategy.. <i>RSC Advances</i> , <b>2018</b> , 8, 38436-38444	3.7	5
142	Quantifying Graphene Oxide Reduction Using Spectroscopic Techniques: A Chemometric Analysis. <i>Applied Spectroscopy</i> , <b>2018</b> , 72, 1764-1773	3.1	4
141	Human $\beta$ -defensin 3-combined gold nanoparticles for enhancement of osteogenic differentiation of human periodontal ligament cells in inflammatory microenvironments. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 555-567	7.3	23
140	Simultaneously 'pushing' and 'pulling' graphene oxide into low-polar solvents through a designed interface. <i>Nanotechnology</i> , <b>2018</b> , 29, 315707	3.4	4

139	In situ generation of CoS <sub>1.097</sub> nanoparticles on S/N co-doped graphene/carbonized foam for mechanically tough and flexible all solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 11966-11977	13	40
138	A molybdenum disulfide/gold nanorod composite-based electrochemical immunosensor for sensitive and quantitative detection of microcystin-LR in environmental samples. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 244, 606-615	8.5	51
137	Direct transfer of graphene and application in low-voltage hybrid transistors. <i>RSC Advances</i> , <b>2017</b> , 7, 2172-2179	3.7	10
136	Wafer-scale fabrication of a Cu/graphene double-nanocap array for surface-enhanced Raman scattering substrates. <i>Chemical Communications</i> , <b>2017</b> , 53, 3273-3276	5.8	12
135	Electrochemical Evidences of Chiral Molecule Recognition Using L/D-Cysteine Modified Gold Electrodes. <i>Electrochimica Acta</i> , <b>2017</b> , 237, 22-28	6.7	24
134	Co-reactant Electrogenenerated Chemiluminescence of Iridium(III) Complexes Containing an Acetylacetonate Ligand. <i>ChemElectroChem</i> , <b>2017</b> , 4, 1797-1808	4.3	21
133	Ultrasensitive electrochemical biosensor for silver ion based on magnetic nanoparticles labeling with hybridization chain reaction amplification strategy. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 249, 431-438	8.5	27
132	Microencapsulation of lipase produced omega-3 concentrates resulted in complex coacervates with unexpectedly high oxidative stability. <i>Journal of Functional Foods</i> , <b>2017</b> , 35, 499-506	5.1	20
131	CoS <sub>2</sub> nanoneedle array on Ti mesh: A stable and efficient bifunctional electrocatalyst for urea-assisted electrolytic hydrogen production. <i>Electrochimica Acta</i> , <b>2017</b> , 246, 776-782	6.7	73
130	Simple and cost-effective determination of ciprofloxacin hydrochloride by electrical micro-titration. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 1406-1412	8.1	8
129	Graphene-Oxide-Based Enzyme Nanoarchitectonics for Substrate Channeling. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 304-311	4.8	40
128	Self-supported Cu(OH) <sub>2</sub> @CoCO(OH) core-shell nanowire array as a robust catalyst for ammonia-borane hydrolysis. <i>Nanotechnology</i> , <b>2017</b> , 28, 045606	3.4	11
127	Graphene-Oxide-Based Enzyme Nanoarchitectonics for Substrate Channeling. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 223-223	4.8	
126	Electrochemical biosensor for silver ions based on amplification of DNA-Au bioBar codes and silver enhancement. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 785, 117-124	4.1	18
125	Recent advances in cobalt phosphide based materials for energy-related applications. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 22913-22932	13	88
124	A simple and large-scale method to prepare flexible hollow graphene fibers for a high-performance all-solid fiber supercapacitor. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11792-11799	3.6	14
123	Fabrication of an arbitrary-shaped and nitrogen-doped graphene aerogel for highly compressible all solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 18684-18690	13	57
122	DNAzyme Based Nanomachine for in Situ Detection of MicroRNA in Living Cells. <i>ACS Sensors</i> , <b>2017</b> , 2, 1847-1853	9.2	53

121	MXene: a potential candidate for yarn supercapacitors. <i>Nanoscale</i> , <b>2017</b> , 9, 18604-18608	7.7	81
120	Characterization and Molecular Mechanism of Peptide-Conjugated Gold Nanoparticle Inhibiting p53-HDM2 Interaction in Retinoblastoma. <i>Molecular Therapy - Nucleic Acids</i> , <b>2017</b> , 9, 349-364	10.7	10
119	Monolithically integrated CoP nanowire array: An on/off switch for effective on-demand hydrogen generation via hydrolysis of NaBH <sub>4</sub> and NH <sub>3</sub> BH <sub>3</sub> . <i>Nano Research</i> , <b>2017</b> , 10, 595-604	10	48
118	One-side non-covalent modification of CVD graphene sheet using pyrene-terminated PNIPAAm generated via RAFT polymerization for the fabrication of thermo-responsive actuators. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 239, 193-202	8.5	17
117	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> , <b>2017</b> , 5, 230-239	13	58
116	Effect of Different Binders on the Electrochemical Performance of Metal Oxide Anode for Lithium-Ion Batteries. <i>Nanoscale Research Letters</i> , <b>2017</b> , 12, 575	5	50
115	Size-dependent Effects of Gold Nanoparticles on Osteogenic Differentiation of Human Periodontal Ligament Progenitor Cells. <i>Theranostics</i> , <b>2017</b> , 7, 1214-1224	12.1	49
114	Transforming doxorubicin into a cancer stem cell killer via EpCAM aptamer-mediated delivery. <i>Theranostics</i> , <b>2017</b> , 7, 4071-4086	12.1	43
113	The Influence of Inflammatory Cytokines on the Proliferation and Osteoblastic Differentiation of MSCs. <i>Current Stem Cell Research and Therapy</i> , <b>2017</b> , 12, 401-408	3.6	11
112	A novel graphene nanodots inlaid porous gold electrode for electrochemically controlled drug release. <i>Talanta</i> , <b>2016</b> , 147, 184-92	6.2	23
111	A Pb <sup>2+</sup> -ion electrochemical biosensor based on single-stranded DNAzyme catalytic beacon. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 222, 1083-1089	8.5	31
110	Electrochemical synthesis of fractal bimetallic Cu/Ag nanodendrites for efficient surface enhanced Raman spectroscopy. <i>Chemical Communications</i> , <b>2016</b> , 52, 10968-71	5.8	46
109	Cobalt Carbonate Hydroxide Nanowire Array on Ti Mesh: An Efficient and Robust 3D Catalyst for On-Demand Hydrogen Generation from Alkaline NaBH Solution. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14831-14835	4.8	21
108	Controllable graphene oxide mediated efficient electron transfer pathways across self-assembly monolayers: A new class of graphene based electrodes. <i>Electrochimica Acta</i> , <b>2016</b> , 210, 539-547	6.7	4
107	One-Step Synthesis of Boron Nitride Quantum Dots: Simple Chemistry Meets Delicate Nanotechnology. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18899-18907	4.8	81
106	Photocatalytic degradation of bisphenol A by HMS/g-C <sub>3</sub> N <sub>4</sub> composite. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 29509-29516		2
105	Self-assembly of ultrathin gold nanowires and single walled carbon nanotubes as a highly sensitive substrate for surface enhanced Raman spectroscopy. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 7286-7289	3.6	1
104	Quantifying the Tunable Conjugated Area of Graphene Oxide by Using Pyrene as a Fluorescent Probe. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18881-18886	4.8	5



103	Preparation and characterization of the hydrogen storage activated carbon from coffee shell by microwave irradiation and KOH activation. <i>International Biodeterioration and Biodegradation</i> , <b>2016</b> , 113, 386-390	4.8	25
102	Bio-conjugation of antioxidant peptide on surface-modified gold nanoparticles: a novel approach to enhance the radical scavenging property in cancer cell. <i>Cancer Nanotechnology</i> , <b>2016</b> , 7, 1	7.9	26
101	Opening Lids: Modulation of Lipase Immobilization by Graphene Oxides. <i>ACS Catalysis</i> , <b>2016</b> , 6, 4760-4768	6.1	103
100	One-step synthesis of graphene quantum dots from defective CVD graphene and their application in IGZO UV thin film phototransistor. <i>Carbon</i> , <b>2016</b> , 100, 201-207	10.4	39
99	Research on Three-Dimensional Stress Distribution of Reactor Core. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2016</b> , 26, 1-4	1.8	11
98	Well-controlled preparation of evenly distributed nanoporous HOPG surface via diazonium salt assisted electrochemical etching process. <i>Carbon</i> , <b>2016</b> , 102, 419-425	10.4	10
97	Determination of Ascorbic Acid by a Gold-Zinc Oxide Nanoparticle-Modified Glassy Carbon Electrode. <i>Analytical Letters</i> , <b>2016</b> , 49, 2207-2222	2.2	2
96	On-site determination of Pb <sup>2+</sup> and Cd <sup>2+</sup> in seawater by double stripping voltammetry with bismuth-modified working electrodes. <i>Microchemical Journal</i> , <b>2016</b> , 126, 280-286	4.8	30
95	One-step preparation of graphene nanosheets via ball milling of graphite and the application in lithium-ion batteries. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 3675-3683	4.3	42
94	Innenrücktitelbild: Boron Nitride Nanosheets Improve Sensitivity and Reusability of Surface-Enhanced Raman Spectroscopy (Angew. Chem. 29/2016). <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8597-8597	3.6	2
93	Boron Nitride Nanosheets Improve Sensitivity and Reusability of Surface-Enhanced Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8405-9	16.4	58
92	Boron Nitride Nanosheets Improve Sensitivity and Reusability of Surface-Enhanced Raman Spectroscopy. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8545-8549	3.6	12
91	Preparation and adsorption of phosphorus by new heteropolyacid salt-lanthanum oxide composites. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 7874-7880		3
90	Graphene quantum dots and Nafion composite as an ultrasensitive electrochemical sensor for the detection of dopamine. <i>Analytical Methods</i> , <b>2016</b> , 8, 4912-4918	3.2	41
89	CoP2 nanoparticles on reduced graphene oxide sheets as a super-efficient bifunctional electrocatalyst for full water splitting. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 4686-4690	13	195
88	Self-Assembled Core-Satellite Gold Nanoparticle Networks for Ultrasensitive Detection of Chiral Molecules by Recognition Tunneling Current. <i>ACS Nano</i> , <b>2016</b> , 10, 5096-103	16.7	39
87	Facile fabrication of supercapacitors with high rate capability using graphene/nickel foam electrode. <i>Electrochimica Acta</i> , <b>2016</b> , 209, 85-94	6.7	24
86	Promising biomass-derived activated carbon and gold nanoparticle nanocomposites as a novel electrode material for electrochemical detection of rutin. <i>RSC Advances</i> , <b>2016</b> , 6, 90446-90454	3.7	19

85	Graphene/tri-block copolymer composites prepared via RAFT polymerizations for dual controlled drug delivery via pH stimulation and biodegradation. <i>European Polymer Journal</i> , <b>2015</b> , 69, 559-572	5.2	37
84	Graphene quantum dots directly generated from graphite via magnetron sputtering and the application in thin-film transistors. <i>Carbon</i> , <b>2015</b> , 88, 225-232	10.4	23
83	An acetylcholinesterase inhibition biosensor based on a reduced graphene oxide/silver nanocluster/chitosan nanocomposite for detection of organophosphorus pesticides. <i>Analytical Methods</i> , <b>2015</b> , 7, 6213-6219	3.2	25
82	Probing the tunable surface chemistry of graphene oxide. <i>Chemical Communications</i> , <b>2015</b> , 51, 10969-725.8	5.8	29
81	A highly conductive porous graphene electrode prepared via in situ reduction of graphene oxide using Cu nanoparticles for the fabrication of high performance supercapacitors. <i>RSC Advances</i> , <b>2015</b> , 5, 54275-54282	3.7	43
80	Graphene nanodots engaged 3-D gold substrate as enzyme loading platform for the fabrication of high performance biosensors. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 220, 1186-1195	8.5	23
79	One-pot facile synthesis of platinum nanoparticle decorated reduced graphene oxide composites and their application in electrochemical detection of rutin. <i>Analytical Methods</i> , <b>2015</b> , 7, 3581-3586	3.2	21
78	Tunnelling current recognition through core-satellite gold nanoparticles for ultrasensitive detection of copper ions. <i>Chemical Communications</i> , <b>2015</b> , 51, 2921-4	5.8	22
77	Real-time electrochemical monitoring of covalent bond formation in solution via nanoparticle-electrode collisions. <i>Chemical Communications</i> , <b>2015</b> , 51, 16349-52	5.8	13
76	Molecularly engineered graphene surfaces for sensing applications: A review. <i>Analytica Chimica Acta</i> , <b>2015</b> , 859, 1-19	6.6	169
75	Graphene nanodots-engaged porous gold electrode fabricated via ion beam sputtering deposition for electrochemical analysis of heavy metal ions. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 206, 592-600	8.5	49
74	Novel reversible and switchable electrolytes based on magneto-rheology. <i>Scientific Reports</i> , <b>2015</b> , 5, 15663	4.9	6
73	Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy: An analytical technique to understand therapeutic responses at the molecular level. <i>Scientific Reports</i> , <b>2015</b> , 5, 16649	4.9	15
72	Simple and signal-off electrochemical biosensor for mercury(II) based on thymine-mercury-thymine hybridization directly on graphene. <i>Electrochimica Acta</i> , <b>2015</b> , 170, 210-217	6.7	25
71	The study of adsorption mechanism of mixed pesticides prometryne-acetochlor in the soil/water system. <i>International Biodeterioration and Biodegradation</i> , <b>2015</b> , 102, 281-285	4.8	6
70	A biomimetic sensor for the detection of lead in water. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 67, 621-4	11.8	45
69	Mechanical properties of graphene films enhanced by homo-telechelic functionalized polymer fillers via $\pi$ -stacking interactions. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2015</b> , 71, 1-8	8.4	64
68	RAFT controlled synthesis of graphene/polymer hydrogel with enhanced mechanical property for pH-controlled drug release. <i>European Polymer Journal</i> , <b>2014</b> , 50, 9-17	5.2	58

67	Non-covalent surface modification of boron nitride nanotubes for enhanced catalysis. <i>Chemical Communications</i> , <b>2014</b> , 50, 225-7	5.8	25
66	Analysis of residues of prometryne and acetochlor in soil-water system by solid-phase extraction and gas chromatography/mass spectrometry. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 1177-1182		4
65	Ammonia nitrogen removal from aqueous solution using functionalized zeolite columns. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 753-758		13
64	Epithelial cell adhesion molecule aptamer functionalized PLGA-lecithin-curcumin-PEG nanoparticles for targeted drug delivery to human colorectal adenocarcinoma cells. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 1083-96	7.3	65
63	New Gold Nanostructures for Sensor Applications: A Review. <i>Materials</i> , <b>2014</b> , 7, 5169-5201	3.5	133
62	Interleukin-10 inhibits bone resorption: a potential therapeutic strategy in periodontitis and other bone loss diseases. <i>BioMed Research International</i> , <b>2014</b> , 2014, 284836	3	89
61	Protein electrochemistry using graphene-based nano-assembly: an ultrasensitive electrochemical detection of protein molecules via nanoparticle-electrode collisions. <i>Chemical Communications</i> , <b>2014</b> , 50, 8197-200	5.8	28
60	The Influence of Graphene on the Electrical Communication Through Organic Layers on Graphite and Gold Electrodes. <i>Electroanalysis</i> , <b>2014</b> , 26, 84-92	3	18
59	Synthesis and characterization of silk fibroin-bioactive glass hybrid xerogels. <i>Biomaterials and Biomechanics in Bioengineering</i> , <b>2014</b> , 1, 63-71		1
58	Ball milling: a green mechanochemical approach for synthesis of nitrogen doped carbon nanoparticles. <i>Nanoscale</i> , <b>2013</b> , 5, 7970-6	7.7	104
57	Self-assembly of core-satellite gold nanoparticles for colorimetric detection of copper ions. <i>Analytica Chimica Acta</i> , <b>2013</b> , 803, 128-34	6.6	71
56	Graphene oxide decorated diatom silica particles as new nano-hybrids: towards smart natural drug microcarriers. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 6302-6311	7.3	79
55	Preparation of graphene/polymer composites by direct exfoliation of graphite in functionalised block copolymer matrix. <i>Carbon</i> , <b>2013</b> , 51, 148-155	10.4	62
54	Surface functionalization of carbon nanomaterials by self-assembling hydrophobin proteins. <i>Biopolymers</i> , <b>2013</b> , 99, 84-94	2.2	32
53	Facile synthesis of graphene oxide hybrids bridged by copper ions for increased conductivity. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 3084	7.1	44
52	Graphene modified gold electrode via $\pi$ -stacking interaction for analysis of $\text{Cu}^{2+}$ and $\text{Pb}^{2+}$ . <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 178, 426-433	8.5	48
51	Magnetotransport dependence on the field magnitude and direction in large area epitaxial graphene film on stretchable substrates. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 092405	3.4	4
50	Smart multifunctional fluids for lithium ion batteries: enhanced rate performance and intrinsic mechanical protection. <i>Scientific Reports</i> , <b>2013</b> , 3, 2485	4.9	35

49	Synthesis and characterization of surface-enhanced Raman-scattered gold nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 4327-38	7.3	19
48	Azide photochemistry for facile modification of graphitic surfaces: preparation of DNA-coated carbon nanotubes for biosensing. <i>Nanotechnology</i> , <b>2012</b> , 23, 425503	3.4	7
47	Using Molecular Level Modification To Tune the Conductivity of Graphene Papers. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 17939-17946	3.8	45
46	Self-assembly of functional, amphipathic amyloid monolayers by the fungal hydrophobin EAS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E804-11	11.5	97
45	A facile graft from method to prepare molecular-level dispersed graphene-polymer composites. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 4423-4432	2.5	40
44	Diatoms: self assembled silica nanostructures, and templates for bio/chemical sensors and biomimetic membranes. <i>Analyst, The</i> , <b>2011</b> , 136, 42-53	5	102
43	Controllable corrugation of chemically converted graphene sheets in water and potential application for nanofiltration. <i>Chemical Communications</i> , <b>2011</b> , 47, 5810-2	5.8	277
42	Graphene and Related Materials in Electrochemical Sensing. <i>Electroanalysis</i> , <b>2011</b> , 23, 803-826	3	225
41	Self-Assembly of Gold Nanowires along Carbon Nanotubes for Ultrahigh-Aspect-Ratio Hybrids. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 2760-2765	9.6	17
40	A nanoscale SQUID operating at high magnetic fields. <i>Nanotechnology</i> , <b>2011</b> , 22, 455501	3.4	25
39	Atom probe microscopy of self-assembled monolayers: preliminary results. <i>Langmuir</i> , <b>2010</b> , 26, 5291-4	4	26
38	Synthesis, characterization, and multilayer assembly of pH sensitive graphene-polymer nanocomposites. <i>Langmuir</i> , <b>2010</b> , 26, 10068-75	4	183
37	Toward ubiquitous environmental gas sensors-capitalizing on the promise of graphene. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 1167-76	10.3	242
36	Synthesis and growth of hematite nanodiscs through a facile hydrothermal approach. <i>Journal of Nanoparticle Research</i> , <b>2010</b> , 12, 877-893	2.3	22
35	Direct synthesis and strong cathodoluminescence of Al <sub>2</sub> O <sub>3</sub> nanotubes. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 120, 240-243	4.4	2
34	Dispersing carbon nanotubes with graphene oxide in water and synergistic effects between graphene derivatives. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10653-8	4.8	327
33	Kohlenstoffnanomaterialien für Biosensoren: Nanoröhren oder Graphen - was eignet sich besser?. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 2160-2185	3.6	51
32	Carbon nanomaterials in biosensors: should you use nanotubes or graphene?. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 2114-38	16.4	1188

31	Thermosensitive graphene nanocomposites formed using pyrene-terminal polymers made by RAFT polymerization. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 425-433	2.5	193
30	Controlled synthesis and characterization of 10nm thick Al <sub>2</sub> O <sub>3</sub> nanowires. <i>Materials Letters</i> , <b>2009</b> , 63, 1016-1018	3.3	13
29	Acetylene plasma polymerized surfaces for covalent immobilization of dense bioactive protein monolayers. <i>Surface and Coatings Technology</i> , <b>2009</b> , 203, 1310-1316	4.4	46
28	In vitro studies of cells grown on the superconductor PrO(x)FeAs. <i>Micron</i> , <b>2009</b> , 40, 476-9	2.3	
27	pH-Detachable Polymer Brushes Formed Using TitaniumDiol Coordination Chemistry and Living Radical Polymerization (RAFT). <i>Macromolecules</i> , <b>2009</b> , 42, 2931-2939	5.5	53
26	Investigation of Self-assembled Monolayer by Atom Probe Microscopy. <i>Microscopy and Microanalysis</i> , <b>2009</b> , 15, 272-273	0.5	29
25	Single Molecule Conductance through Rigid Nonporous Bridges with Zero Average Curvature. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 9072-9080	3.8	16
24	Scanning Tunnelling Microscopy-Based Break Junction as a Tool in Rapid Measurement of Single-Molecule Conductance. <i>Australian Journal of Chemistry</i> , <b>2008</b> , 61, 920	1.2	
23	Attachment of magnetic molecules on a nanoSQUID. <i>Nanotechnology</i> , <b>2008</b> , 19, 285303	3.4	30
22	Ionic Liquid-assisted Synthesis of Polyaniline/Gold Nanocomposite and Its Biocatalytic Application. <i>Nanoscale Research Letters</i> , <b>2008</b> , 3, 468-472	5	32
21	Novel sphere coatings on Ti-6Al-4V for orthopedic implants using sol-gel method. <i>Acta Biomaterialia</i> , <b>2008</b> , 4, 569-76	10.8	80
20	Chemisorbed and Physisorbed Structures for 1,10-Phenanthroline and Dipyrido[3,2-a:2'3']phenazine on Au(111). <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 17285-17296	3.8	25
19	Single-walled carbon nanotubes with DNA recognition. <i>Chemical Physics Letters</i> , <b>2007</b> , 443, 169-172	2.5	23
18	Carbon nanotubes for biological and biomedical applications. <i>Nanotechnology</i> , <b>2007</b> , 18, 412001	3.4	460
17	Fast Colorimetric Detection of Copper Ions Using L-Cysteine Functionalized Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 712-716	1.3	88
16	Fast colorimetric detection of copper ions using L-cysteine functionalized gold nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 712-6	1.3	7
15	Stepwise synthesis of Gly-Gly-His on gold surfaces modified with mixed self-assembled monolayers. <i>Langmuir</i> , <b>2005</b> , 21, 260-5	4	25
14	Self-Assembled Monolayers into the 21st Century: Recent Advances and Applications. <i>Electroanalysis</i> , <b>2003</b> , 15, 81-96	3	505

13	Analysis of self-assembled monolayer interfaces by electrospray mass spectrometry: a gentle approach. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 6741-4	7.8	10
12	Protein electrochemistry using aligned carbon nanotube arrays. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 9006-7	16.4	773
11	Exploring the use of the tripeptide Gly-Gly-his as a selective recognition element for the fabrication of electrochemical copper sensors. <i>Analyst, The</i> , <b>2003</b> , 128, 712-8	5	105
10	Evidence for the Direct Interaction Between Methylene Blue and Guanine Bases Using DNA-Modified Carbon Paste Electrodes. <i>Electroanalysis</i> , <b>2002</b> , 14, 1299-1302	3	159
9	Parameters important in fabricating enzyme electrodes using self-assembled monolayers of alkanethiols. <i>Analytical Sciences</i> , <b>2001</b> , 17, 3-9	1.7	61
8	Characterisation of gold electrodes modified with self-assembled monolayers of l-cysteine for the adsorptive stripping analysis of copper. <i>Journal of Electroanalytical Chemistry</i> , <b>2001</b> , 516, 10-16	4.1	227
7	Electrochemical Metal Ion Sensors. Exploiting Amino Acids and Peptides as Recognition Elements. <i>Sensors</i> , <b>2001</b> , 1, 75-90	3.8	103
6	Sub-ppt detection limits for copper ions with Gly-Gly-His modified electrodes. <i>Chemical Communications</i> , <b>2001</b> , 1982-3	5.8	145
5	Bioanalytical Experiments for the Undergraduate Laboratory: Monitoring Glucose in Sports Drinks. <i>Journal of Chemical Education</i> , <b>2001</b> , 78, 788	2.4	19
4	Redox voltammetry of sub-parts per billion levels of Cu <sup>2+</sup> at polyaspartate-modified gold electrodes. <i>Analyst, The</i> , <b>2001</b> , 126, 1573-1577	5	63
3	The study on triazophos adsorption behavior on the multi-walled carbon nanotubes	96, 97-103	4
2	A Cu(II)-triggered release system by L-cysteine functionalized gold nanoparticles for on-demand molecular delivery and bioimaging in cells. <i>Molecular Systems Design and Engineering</i> ,	4.6	2
1	In situ embedding of cobalt sulfide quantum dots among transition metal layered double hydroxides for high performance all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> ,	13	11