

# Xueji Zhang

## List of Publications by Year in Descending Order

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

216  
papers

11,133  
citations

57  
h-index

98  
g-index

223  
ext. papers

13,467  
ext. citations

8.9  
avg, IF

6.77  
L-index

#	Paper	IF	Citations
216	Wireless USB-like electrochemical platform for individual electrochemical sensing in microdroplets.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1197, 339526	6.6	1
215	Powering bioanalytical applications in biomedicine with light-responsive Janus micro-/nanomotors.. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 116	5.8	5
214	An electrochemical wearable sensor for levodopa quantification in sweat based on a metal@organic framework/graphene oxide composite with integrated enzymes. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 359, 131586	8.5	9
213	Ultra-trace enriching biosensing in nanoliter sample.. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 210, 114297	11.8	2
212	Aggregation-induced emission (AIE)-Based nanocomposites for intracellular biological process monitoring and photodynamic therapy. <i>Biomaterials</i> , <b>2022</b> , 121603	15.6	0
211	Dendritic porous silica nanoparticles with high-curvature structures for a dual-mode DNA sensor based on fluorometer and person glucose meter. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 407	5.8	2
210	Shedding Light on DNA-Based Nanoprobes for Live-Cell MicroRNA Imaging. <i>Small</i> , <b>2021</b> , e2106281	11	2
209	Portable point-of-care diagnostic devices: an updated review. <i>Analytical Methods</i> , <b>2021</b> , 13, 5418-5435	3.2	1
208	Biospired Janus Silk E-Textiles with Wet-Thermal Comfort for Highly Efficient Biofluid Monitoring. <i>Nano Letters</i> , <b>2021</b> , 21, 8880-8887	11.5	16
207	Target-Cell-Specific Bioorthogonal and Endogenous ATP Control of Signal Amplification for Intracellular MicroRNA Imaging. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 1693-1701	7.8	13
206	Engineering Structural Metal@Organic Framework for Hypoxia-Tolerant Type I Photodynamic Therapy against Hypoxic Cancer <b>2021</b> , 3, 781-789		6
205	Recent advances in optical imaging of biomarkers in vivo. <i>Nano Today</i> , <b>2021</b> , 38, 101156	17.9	5
204	Advanced micro/nanomotors for enhanced bioadhesion and tissue penetration. <i>Applied Materials Today</i> , <b>2021</b> , 23, 101034	6.6	8
203	Nitrogen-doped porous carbon with complicated architecture and superior K <sup>+</sup> storage performance. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 396-400	5.8	2
202	On-demand mixing and dispersion in mini-pillar based microdroplets. <i>Nanoscale</i> , <b>2021</b> , 13, 739-745	7.7	5
201	Target-triggered regioselective assembly of nanoprobes for Raman imaging of dual cancer biomarkers in living cells. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 330, 129319	8.5	4
200	Near-infrared light-driven yolk@shell carbon@silica nanomotors for fuel-free triglyceride degradation. <i>Nano Research</i> , <b>2021</b> , 14, 654-659	10	7

199	Gastric Acid Powered Nanomotors Release Antibiotics for In Vivo Treatment of Helicobacter pylori Infection. <i>Small</i> , <b>2021</b> , 17, e2006877	11	15
198	Gold nanorods-based lateral flow biosensors for sensitive detection of nucleic acids. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 133	5.8	3
197	Flexible Biosensors Based on Colorimetry, Fluorescence, and Electrochemistry for Point-of-Care Testing. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 753692	5.8	7
196	Acoustic aggregation-induced separation for enhanced fluorescence detection of Alzheimer $\beta$ biomarker. <i>Talanta</i> , <b>2021</b> , 233, 122517	6.2	7
195	Gold-platinum nanoflowers as colored and catalytic labels for ultrasensitive lateral flow MicroRNA-21 assay. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 344, 130325	8.5	3
194	Luminescent wearable biosensors based on gold nanocluster networks for "turn-on" detection of Uric acid, glucose and alcohol in sweat. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 192, 113530	11.8	7
193	Ultrasensitive electrochemical detection of miRNA based on polymerization signal amplification. <i>Talanta</i> , <b>2021</b> , 235, 122744	6.2	4
192	A distance-based capillary biosensor using wettability alteration. <i>Lab on A Chip</i> , <b>2021</b> , 21, 719-724	7.2	6
191	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> , <b>2021</b> , 146, 6445-6449	5	
190	Ultra-Trace Protein Detection by Integrating Lateral Flow Biosensor with Ultrasound Enrichment. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2996-3001	7.8	10
189	Integrated Ultrasonic Aggregation-Induced Enrichment with Raman Enhancement for Ultrasensitive and Rapid Biosensing. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 7816-7821	7.8	26
188	Construction of dendritic Janus nanomotors with HO and NIR light dual-propulsion via a Pickering emulsion. <i>Soft Matter</i> , <b>2020</b> , 16, 4961-4968	3.6	16
187	Integrated individually electrochemical array for simultaneously detecting multiple Alzheimer $\beta$ biomarkers. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 162, 112253	11.8	13
186	Biodegradable Metal-Organic Frameworks Power DNAzyme for in Vivo Temporal-Spatial Control Fluorescence Imaging of Aberrant MicroRNA and Hypoxic Tumor. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8333-8339	7.8	32
185	Thioether-bridged mesoporous organosilica nanocapsules with weak acid-triggered charge reversal for drug delivery. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 302, 110242	5.3	7
184	Core@Satellite Janus Nanomotors with pH-Responsive Multi-phoretic Propulsion. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 14474-14478	3.6	10
183	Core@Satellite Janus Nanomotors with pH-Responsive Multi-phoretic Propulsion. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 14368-14372	16.4	22
182	Functional nucleic acid-based fluorescence polarization/anisotropy biosensors for detection of biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 6655-6665	4.4	11

181	Near-infrared triggered Ti3C2/g-C3N4 heterostructure for mitochondria-targeting multimode photodynamic therapy combined photothermal therapy. <i>Nano Today</i> , <b>2020</b> , 34, 100919	17.9	40
180	Bioinspired Framework Nucleic Acid Capture Sensitively and Rapidly Resolving MicroRNAs Biomarkers in Living Cells. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 4411-4418	7.8	26
179	Algae Extraction Controllable Delamination of Vanadium Carbide Nanosheets with Enhanced Near-Infrared Photothermal Performance. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6601-6606	16.4	42
178	Cellular Nanofiber Structure with Secretory Activity-Promoting Characteristics for Multicellular Spheroid Formation and Hair Follicle Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 7931-7941	9.5	9
177	Graphene-Based Biosensors for Detection of Biomarkers. <i>Micromachines</i> , <b>2020</b> , 11,	3.3	57
176	Integrated Microdroplets Array for Intelligent Electrochemical Fabrication. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1910329	15.6	10
175	Algae Extraction Controllable Delamination of Vanadium Carbide Nanosheets with Enhanced Near-Infrared Photothermal Performance. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6663-6668	3.6	8
174	Integrating modification and detection in acoustic microchip for in-situ analysis. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 158, 112185	11.8	17
173	Bioinspired Superwetable Microspine Chips with Directional Droplet Transportation for Biosensing. <i>ACS Nano</i> , <b>2020</b> , 14, 4654-4661	16.7	39
172	An open source and reduce expenditure ROS generation strategy for chemodynamic/photodynamic synergistic therapy. <i>Nature Communications</i> , <b>2020</b> , 11, 1735	17.4	153
171	pH-Responsive Au(i)-disulfide nanoparticles with tunable aggregation-induced emission for monitoring intragastric acidity. <i>Chemical Science</i> , <b>2020</b> , 11, 6472-6478	9.4	12
170	Mini-pillar microarray for individually electrochemical sensing in microdroplets. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 149, 111845	11.8	12
169	A Versatile Sunscreen with Minimal ROS Damage and Low Permeability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 6217-6225	9.5	4
168	A sensitive and rapid "off-on" fluorescent probe for the detection of esterase and its application in evaluating cell status and discrimination of living cells and dead cells. <i>Analyst, The</i> , <b>2020</b> , 145, 1408-1413	5	9
167	Smartphone-based tape sensors for multiplexed rapid urinalysis. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 304, 127415	8.5	28
166	Exosomes-mediated synthetic Dicer substrates delivery for intracellular Dicer imaging detection. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 151, 111907	11.8	9
165	NIR powered Janus nanocarrier for deep tumor penetration. <i>Applied Materials Today</i> , <b>2020</b> , 18, 100504	6.6	21
164	Target-induced molecular-switch on triple-helix DNA-functionalized carbon nanotubes for simultaneous visual detection of nucleic acids and proteins. <i>Chemical Communications</i> , <b>2020</b> , 56, 13657-13660	5.8	3

163	Stimuli-responsive microgels for controlled deposition of gold nanoparticles on surfaces. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 5242-5253	5.1	1
162	Ultrafine nano-TiO <sub>2</sub> loaded on dendritic porous silica nanoparticles for robust transparent antifogging self-cleaning nanocoatings. <i>Ceramics International</i> , <b>2020</b> , 46, 23651-23661	5.1	3
161	Enhanced cancer therapy by hypoxia-responsive copper metal-organic frameworks nanosystem. <i>Biomaterials</i> , <b>2020</b> , 258, 120278	15.6	50
160	Stimuli-responsive polymer/nanomaterial hybrids for sensing applications. <i>Analyst, The</i> , <b>2020</b> , 145, 5713-5724	5.724	12
159	Bioinspired wettable-nonwetable micropatterns for emerging applications. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 8101-8115	7.3	11
158	Cancer Cell Membrane Camouflaged Semi-Yolk@Spiky-Shell Nanomotor for Enhanced Cell Adhesion and Synergistic Therapy. <i>Small</i> , <b>2020</b> , 16, e2003834	11	29
157	Janus dendritic silica/carbon@Pt nanomotors with multiengines for HO, near-infrared light and lipase powered propulsion. <i>Soft Matter</i> , <b>2020</b> , 16, 9553-9558	3.6	10
156	Bacterial Vesicle-Cancer Cell Hybrid Membrane-Coated Nanoparticles for Tumor Specific Immune Activation and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 41138-41147	9.5	38
155	Exploration of accessibility of internal pore surface by using rigid nanoparticles as a probe for constructing the integrated nanocomposites. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 815, 152641	5.7	5
154	Size-effect of gold nanorods on modulating the kinetic process of amyloid- $\beta$ aggregation. <i>Chemical Physics Letters</i> , <b>2019</b> , 734, 136702	2.5	2
153	Strategies of Luminescent Gold Nanoclusters for Chemo-/Bio-Sensing. <i>Molecules</i> , <b>2019</b> , 24,	4.8	14
152	A controllable local drug delivery system based on porous fibers for synergistic treatment of melanoma and promoting wound healing. <i>Biomaterials Science</i> , <b>2019</b> , 7, 5084-5096	7.4	18
151	Microfluidic Chip-Based Wearable Colorimetric Sensor for Simple and Facile Detection of Sweat Glucose. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 14803-14807	7.8	89
150	Sensitively distinguishing intracellular precursor and mature microRNA abundance. <i>Chemical Science</i> , <b>2019</b> , 10, 1709-1715	9.4	25
149	Engineered Exosome-Mediated Near-Infrared-II Region VC Quantum Dot Delivery for Nucleus-Target Low-Temperature Photothermal Therapy. <i>ACS Nano</i> , <b>2019</b> , 13, 1499-1510	16.7	147
148	Understanding stimuli-responsive oligomer shell of silver nanoclusters with aggregation-induced emission via chemical etching and their use as sensors. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 286, 198-205	8.5	13
147	Nanodendritic gold/graphene-based biosensor for tri-mode miRNA sensing. <i>Chemical Communications</i> , <b>2019</b> , 55, 1742-1745	5.8	40
146	Functional DNA hexahedron for real-time detection of multiple microRNAs in living cells. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1078, 176-181	6.6	7

145	Fluorescence proximity assay based on a metal-organic framework platform. <i>Chemical Communications</i> , <b>2019</b> , 55, 8158-8161	5.8	5
144	A three-dimensional DNA walking machine for the ultrasensitive dual-modal detection of miRNA using a fluorometer and personal glucose meter. <i>Nanoscale</i> , <b>2019</b> , 11, 11279-11284	7.7	26
143	Bioinspired superwetable micropatterns for biosensing. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 3153-3165	58.5	61
142	Biodegradable Biomimic Copper/Manganese Silicate Nanospheres for Chemodynamic/Photodynamic Synergistic Therapy with Simultaneous Glutathione Depletion and Hypoxia Relief. <i>ACS Nano</i> , <b>2019</b> , 13, 4267-4277	16.7	315
141	Flexible and Superwetable Bands as a Platform toward Sweat Sampling and Sensing. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4296-4300	7.8	76
140	Layered nanofiber sponge with an improved capacity for promoting blood coagulation and wound healing. <i>Biomaterials</i> , <b>2019</b> , 204, 70-79	15.6	111
139	Dynamic Assembly of Microspheres under an Ultrasound Field. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2440-2444	4.5	7
138	Cobalt Sulfide Confined in N-Doped Porous Branched Carbon Nanotubes for Lithium-Ion Batteries. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 29	19.5	17
137	Structure-Dependent Optical Modulation of Propulsion and Collective Behavior of Acoustic/Light-Driven Hybrid Microbowls. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1809003	15.6	45
136	Dendritic Janus Nanomotors with Precisely Modulated Coverages and Their Effects on Propulsion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 10426-10433	9.5	29
135	Cancer Cell Membrane Camouflaged Nanoprobe for Catalytic Ratiometric Photoacoustic Imaging of MicroRNA in Living Mice. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807888	24	61
134	Accurate detection of intracellular microRNAs using functional MoC quantum dots nanoprobe. <i>Chemical Communications</i> , <b>2019</b> , 55, 10615-10618	5.8	5
133	Magnetized Carbon Nanotube Based Lateral Flow Immunoassay for Visual Detection of Complement Factor B. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
132	Hollow mesoporous carbon@Pt Janus nanomotors with dual response of H <sub>2</sub> O <sub>2</sub> and near-infrared light for active cargo delivery. <i>Applied Materials Today</i> , <b>2019</b> , 17, 85-91	6.6	27
131	Biosensors for early diagnosis of pancreatic cancer: a review. <i>Translational Research</i> , <b>2019</b> , 213, 67-89	11	40
130	MicroRNA Triggered DNA "Nano Wheel" for Visualizing Intracellular microRNA via Localized DNA Cascade Reaction. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 9828-9835	7.8	31
129	A ratiometric fluorescent probe for rapidly detecting bio-thiols in vitro and in living cells. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107688	4.6	13
128	TiO <sub>2</sub> Nanosheets with the Au Nanocrystal-Decorated Edge for Mitochondria-Targeting Enhanced Sonodynamic Therapy. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 9105-9114	9.6	70

127	Non-Fenton-Type Hydroxyl Radical Generation and Photothermal Effect by Mitochondria-Targeted WSSe/MnO <sub>2</sub> Nanocomposite Loaded with Isoniazid for Synergistic Anticancer Treatment. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1903850	15.6	40
126	Rail-Assisted Dynamic Assembly of Metallic Nanowires. <i>Advanced Intelligent Systems</i> , <b>2019</b> , 1, 1900100	6	1
125	Lateral flow biosensors based on the use of micro- and nanomaterials: a review on recent developments. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 70	5.8	51
124	Ultrasensitive DNA biosensor based on electrochemical atom transfer radical polymerization. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 131, 193-199	11.8	22
123	Ultrathin Tellurium Oxide/Ammonium Tungsten Bronze Nanoribbon for Multimodality Imaging and Second Near-Infrared Region Photothermal Therapy. <i>Nano Letters</i> , <b>2019</b> , 19, 1179-1189	11.5	62
122	Silver nanoparticle-loaded microgel-based etalons for HO sensing.. <i>RSC Advances</i> , <b>2018</b> , 8, 15567-15574	3.7	11
121	Peroxidase-like Fe <sub>3</sub> O <sub>4</sub> nanocomposite for activatable reactive oxygen species generation and cancer theranostics. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1184-1194	7.8	29
120	In Situ Synthesis of CuS Nanoparticle-Doped Poly(N-isopropylacrylamide)-Based Microgels for Near-Infrared Triggered Photothermal Therapy. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 1776-1783	5.6	13
119	AIE-based superwetttable microchips for evaporation and aggregation induced fluorescence enhancement biosensing. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 111, 124-130	11.8	49
118	Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO <sub>2</sub> @CuO/Perfluorohexane Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 6991-7002	9.5	47
117	Photoluminescent two-dimensional SiC quantum dots for cellular imaging and transport. <i>Nano Research</i> , <b>2018</b> , 11, 4074-4081	10	31
116	Highly-sensitive microRNA detection based on bio-bar-code assay and catalytic hairpin assembly two-stage amplification. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1004, 1-9	6.6	32
115	Superwetttable Electrochemical Biosensor toward Detection of Cancer Biomarkers. <i>ACS Sensors</i> , <b>2018</b> , 3, 72-78	9.2	56
114	Target-Triggered Catalytic Hairpin Assembly-Induced Core-Satellite Nanostructures for High-Sensitive "Off-to-On" SERS Detection of Intracellular MicroRNA. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10591-10599	7.8	57
113	Catalytic hairpin assembly gel assay for multiple and sensitive microRNA detection. <i>Theranostics</i> , <b>2018</b> , 8, 2646-2656	12.1	25
112	Multiplex microRNA imaging in living cells using DNA-capped-Au assembled hydrogels. <i>Chemical Science</i> , <b>2018</b> , 9, 7419-7425	9.4	54
111	Intelligent MnO/CuS for Multimode Imaging Diagnostic and Advanced Single-Laser Irradiated Photothermal/Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 17732-17741	9.5	66
110	Enhanced lateral flow assay with double conjugates for the detection of exosomes. <i>Science China Chemistry</i> , <b>2018</b> , 61, 1423-1429	7.9	13



109	Facile synthesis of mesoporous organosilica nanobowls with bridged silsesquioxane framework by one-pot growth and dissolution mechanism. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 528, 379-388	9.3	15
108	Superwetable microchips with improved spot homogeneity toward sensitive biosensing. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 102, 418-424	11.8	30
107	Renewable superwetable biochip for miRNA detection. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 258, 715-721	8.5	28
106	Near-infrared triggered strand displacement amplification for MicroRNA quantitative detection in single living cells. <i>Chemical Science</i> , <b>2018</b> , 9, 1753-1759	9.4	64
105	Rattle-type Au@CuS hollow mesoporous nanocrystals with enhanced photothermal efficiency for intracellular oncogenic microRNA detection and chemo-photothermal therapy. <i>Biomaterials</i> , <b>2018</b> , 158, 23-33	15.6	45
104	Synergistic Inhibitory Effect of QDs-Tramiprosate Covalent Binding on Amyloid Aggregation. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 817-823	5.7	28
103	Imaging multiple microRNAs in living cells using ATP self-powered strand-displacement cascade amplification. <i>Chemical Science</i> , <b>2018</b> , 9, 1184-1190	9.4	52
102	Disulfide-Bridged Organosilica Frameworks: Designed, Synthesis, Redox-Triggered Biodegradation, and Nanobiomedical Applications. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1707325	15.6	106
101	Superwetable nanodendritic gold substrates for direct miRNA SERS detection. <i>Nanoscale</i> , <b>2018</b> , 10, 20990-20994	7.7	47
100	Cap-free dual stimuli-responsive biodegradable nanocarrier for controlled drug release and chemo-photothermal therapy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 8188-8195	7.3	7
99	Flexible Superwetable Tapes for On-Site Detection of Heavy Metals. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 14105-14110	7.8	36
98	Bioinspired DNA-Inorganic Hybrid Nanoflowers Combined with a Personal Glucose Meter for Onsite Detection of miRNA. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42050-42057	9.5	39
97	Light-triggered theranostic liposomes for tumor diagnosis and combined photodynamic and hypoxia-activated prodrug therapy. <i>Biomaterials</i> , <b>2018</b> , 185, 301-309	15.6	87
96	A Semimetal-Like Molybdenum Carbide Quantum Dots Photoacoustic Imaging and Photothermal Agent with High Photothermal Conversion Efficiency. <i>Materials</i> , <b>2018</b> , 11,	3.5	22
95	Metal-Organic Framework Nanoshuttle for Synergistic Photodynamic and Low-Temperature Photothermal Therapy. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804634	15.6	177
94	Erythrocyte-Cancer Hybrid Membrane Camouflaged Hollow Copper Sulfide Nanoparticles for Prolonged Circulation Life and Homotypic-Targeting Photothermal/Chemotherapy of Melanoma. <i>ACS Nano</i> , <b>2018</b> , 12, 5241-5252	16.7	232
93	Methyl Orange removal by a novel PEI-AuNPs-hemin nanocomposite. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 53, 278-283	6.4	11
92	Fabricating Aptamer-Conjugated PEGylated-MoS <sub>2</sub> /Cu <sub>1.8</sub> S Theranostic Nanoplatfom for Multiplexed Imaging Diagnosis and Chemo-Photothermal Therapy of Cancer. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1605592	15.6	80



91	One-pot synthesis of redox-triggered biodegradable hybrid nanocapsules with a disulfide-bridged silsesquioxane framework for promising drug delivery. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 4455-4469	7.3	41
90	A Voltage-Responsive Free-Blockage Controlled-Release System Based on Hydrophobicity Switching. <i>ChemPhysChem</i> , <b>2017</b> , 18, 1317-1323	3.2	4
89	Fuel-Free Synthetic Micro-/Nanomachines. <i>Advanced Materials</i> , <b>2017</b> , 29, 1603250	24	235
88	Superwetable Microchips as a Platform toward Microgravity Biosensing. <i>ACS Nano</i> , <b>2017</b> , 11, 621-626	16.7	53
87	Aptamer-Conjugated Graphene Quantum Dots/Porphyrin Derivative Theranostic Agent for Intracellular Cancer-Related MicroRNA Detection and Fluorescence-Guided Photothermal/Photodynamic Synergetic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 159-166	9.5	135
86	Ultrasound propulsion of micro-/nanomotors. <i>Applied Materials Today</i> , <b>2017</b> , 9, 493-503	6.6	131
85	Controllable Swarming and Assembly of Micro/Nanomachines. <i>Micromachines</i> , <b>2017</b> , 9,	3.3	28
84	Dendritic porous yolk@ordered mesoporous shell structured heterogeneous nanocatalysts with enhanced stability. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21560-21569	13	37
83	Hyaluronic Acid Encapsulated CuS Gel-Mediated Near-Infrared Laser-Induced Controllable Transdermal Drug Delivery for Sustained Therapy. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 6786-6794	8.3	13
82	Hollow Carbon Nanospheres with Tunable Hierarchical Pores for Drug, Gene, and Photothermal Synergistic Treatment. <i>Small</i> , <b>2017</b> , 13, 1602592	11	92
81	Systematic study of dye loaded small mesoporous silica nanoparticles for detecting latent fingerprints on various substrates. <i>Journal of Porous Materials</i> , <b>2017</b> , 24, 13-20	2.4	25
80	An enzyme-amplified lateral flow strip biosensor for visual detection of microRNA-224. <i>Talanta</i> , <b>2016</b> , 146, 648-54	6.2	61
79	A three-line lateral flow biosensor for logic detection of microRNA based on Y-shaped junction DNA and target recycling amplification. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 8195-8202	4.4	22
78	Superhydrophilic cotton thread with temperature-dependent pattern for sensitive nucleic acid detection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 951-957	11.8	32
77	Cell micropatterns based on silicone-oil-modified slippery surfaces. <i>Nanoscale</i> , <b>2016</b> , 8, 18612-18615	7.7	27
76	An electrochemical non-enzymatic immunosensor for ultrasensitive detection of microcystin-LR using carbon nanofibers as the matrix. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 233, 624-632	8.5	45
75	Electrochemical hydrogen sulfide biosensors. <i>Analyst, The</i> , <b>2016</b> , 141, 1185-95	5	102
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72	A Green Route for Substrate-Independent Oil-Repellent Coatings. <i>Scientific Reports</i> , <b>2016</b> , 6, 38016	4.9	6
71	Inhibition of Aurora kinases induces apoptosis and autophagy via AURKB/p70S6K/RPL15 axis in human leukemia cells. <i>Cancer Letters</i> , <b>2016</b> , 382, 215-230	9.9	23
70	Intracellular and Organic miRNA In Situ Detection. <i>Springer Briefs in Molecular Science</i> , <b>2015</b> , 87-98	0.6	
69	Capillary-driven spontaneous oil/water separation by superwetttable twines. <i>Nanoscale</i> , <b>2015</b> , 7, 13164-77.7		16
68	Multifunctional Poly(L-lactide)-Polyethylene Glycol-Grafted Graphene Quantum Dots for Intracellular MicroRNA Imaging and Combined Specific-Gene-Targeting Agents Delivery for Improved Therapeutics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 11015-23	9.5	92
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66	Graphene quantum dots for the inhibition of $\beta$ -amyloid aggregation. <i>Nanoscale</i> , <b>2015</b> , 7, 19060-5	7.7	90
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56	Bardoxolone methyl induces apoptosis and autophagy and inhibits epithelial-to-mesenchymal transition and stemness in esophageal squamous cancer cells. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 993-1026	4.4	17

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51	Induction of apoptosis and autophagy via sirtuin1- and PI3K/Akt/mTOR-mediated pathways by plumbagin in human prostate cancer cells. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 1511-54	4.4	74
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