

# Chen Peng

## List of Publications by Citations

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168  
papers

10,644  
citations

51  
h-index

101  
g-index

179  
ext. papers

12,854  
ext. citations

9.2  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
168	Glowing graphene quantum dots and carbon dots: properties, syntheses, and biological applications. <i>Small</i> , <b>2015</b> , 11, 1620-36	11	1415
167	One-Pot Synthesis of Carbon-Coated SnO <sub>2</sub> Nanocolloids with Improved Reversible Lithium Storage Properties. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 2868-2874	9.6	406
166	Revealing the tunable photoluminescence properties of graphene quantum dots. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 6954-6960	7.1	398
165	Facile Synthesis of Graphene Quantum Dots from 3D Graphene and their Application for Fe <sup>3+</sup> Sensing. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 3021-3026	15.6	377
164	Recent Advances on Graphene Quantum Dots: From Chemistry and Physics to Applications. <i>Advanced Materials</i> , <b>2019</b> , 31, e1808283	24	343
163	Surface Modified TiC MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 40077-40086	9.5	329
162	Graphene-based biosensors for detection of bacteria and their metabolic activities. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 12358		294
161	Ultralong Phosphorescence of Water-Soluble Organic Nanoparticles for In Vivo Afterglow Imaging. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606665	24	259
160	Hybrid structure of zinc oxide nanorods and three dimensional graphene foam for supercapacitor and electrochemical sensor applications. <i>RSC Advances</i> , <b>2012</b> , 2, 4364	3.7	253
159	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. <i>Nano Letters</i> , <b>2018</b> , 18, 586-594	11.5	234
158	Systematic Bandgap Engineering of Graphene Quantum Dots and Applications for Photocatalytic Water Splitting and CO Reduction. <i>ACS Nano</i> , <b>2018</b> , 12, 3523-3532	16.7	222
157	Boosting the Photocatalytic Ability of Cu <sub>2</sub> O Nanowires for CO <sub>2</sub> Conversion by MXene Quantum Dots. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806500	15.6	204
156	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. <i>ACS Nano</i> , <b>2017</b> , 11, 8998-9009	16.7	199
155	Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604764	24	194
154	Electrodeposited Pt on three-dimensional interconnected graphene as a free-standing electrode for fuel cell application. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5286		189
153	Metal-organic framework derived CoSe <sub>2</sub> nanoparticles anchored on carbon fibers as bifunctional electrocatalysts for efficient overall water splitting. <i>Nano Research</i> , <b>2016</b> , 9, 2234-2243	10	185
152	Synthesis of graphene-carbon nanotube hybrid foam and its use as a novel three-dimensional electrode for electrochemical sensing. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17044		181

151	A Swellable Microneedle Patch to Rapidly Extract Skin Interstitial Fluid for Timely Metabolic Analysis. <i>Advanced Materials</i> , <b>2017</b> , 29, 1702243	24	172
150	Organic Dye Based Nanoparticles for Cancer Phototheranostics. <i>Small</i> , <b>2018</b> , 14, e1704247	11	160
149	Effective doping of single-layer graphene from underlying SiO <sub>2</sub> substrates. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	160
148	MOF-directed templating synthesis of a porous multicomponent dodecahedron with hollow interiors for enhanced lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 8483-8488	13	155
147	Mo C-Derived Polyoxometalate for NIR-II Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18641-18646	16.4	153
146	pH-Triggered and Enhanced Simultaneous Photodynamic and Photothermal Therapy Guided by Photoacoustic and Photothermal Imaging. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 5216-5224	9.6	145
145	A generic approach towards afterglow luminescent nanoparticles for ultrasensitive in vivo imaging. <i>Nature Communications</i> , <b>2019</b> , 10, 2064	17.4	127
144	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. <i>Nature Communications</i> , <b>2018</b> , 9, 4433	17.4	127
143	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. <i>ACS Nano</i> , <b>2016</b> , 10, 3622-9	16.7	124
142	Iron-Doped Carbon Nitride-Type Polymers as Homogeneous Organocatalysts for Visible Light-Driven Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 617-24	9.5	114
141	Highly stretchable and autonomously healable epidermal sensor based on multi-functional hydrogel frameworks. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 5949-5956	13	109
140	Multilayered semiconducting polymer nanoparticles with enhanced NIR fluorescence for molecular imaging in cells, zebrafish and mice. <i>Chemical Science</i> , <b>2016</b> , 7, 5118-5125	9.4	97
139	Atomically Dispersed Cobalt Trifunctional Electrocatalysts with Tailored Coordination Environment for Flexible Rechargeable Zn/Air Battery and Self-Driven Water Splitting. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2002896	21.8	95
138	Polydopamine-Enabled Approach toward Tailored Plasmonic Nanogapped Nanoparticles: From Nanogap Engineering to Multifunctionality. <i>ACS Nano</i> , <b>2016</b> , 10, 11066-11075	16.7	90
137	Hybrid Fibers Made of Molybdenum Disulfide, Reduced Graphene Oxide, and Multi-Walled Carbon Nanotubes for Solid-State, Flexible, Asymmetric Supercapacitors. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4734-4739	26	85
136	Nanochannel-Confined Graphene Quantum Dots for Ultrasensitive Electrochemical Analysis of Complex Samples. <i>ACS Nano</i> , <b>2018</b> , 12, 12673-12681	16.7	84
135	Photothermal-pH-hypoxia responsive multifunctional nanoplatform for cancer photo-chemo therapy with negligible skin phototoxicity. <i>Biomaterials</i> , <b>2019</b> , 221, 119422	15.6	75
134	In Situ Synthesis of Reduced Graphene Oxide and Gold Nanocomposites for Nanoelectronics and Biosensing. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 60	5	74

133	Molecular targets of Elemene, a herbal extract used in traditional Chinese medicine, and its potential role in cancer therapy: A review. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 114, 108812	7.5	70
132	High-strength carbon nanotube buckypaper composites as applied to free-standing electrodes for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 4057	13	69
131	Insight into the charge transport correlation in Aux clusters and graphene quantum dots deposited on TiO <sub>2</sub> nanotubes for photoelectrochemical oxygen evolution. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 11154-11162	13	69
130	Wax-Sealed Theranostic Nanoplatfom for Enhanced Afterglow Imaging-Guided Photothermally Triggered Photodynamic Therapy. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804317	15.6	68
129	Nanowires assembled from MnCo <sub>2</sub> O <sub>4</sub> @C nanoparticles for water splitting and all-solid-state supercapacitor. <i>Nano Research</i> , <b>2016</b> , 9, 1300-1309	10	67
128	A Highly-Efficient Type I Photosensitizer with Robust Vascular-Disruption Activity for Hypoxic-and-Metastatic Tumor Specific Photodynamic Therapy. <i>Small</i> , <b>2020</b> , 16, e2001059	11	66
127	Apelin Enhances Brown Adipogenesis and Browning of White Adipocytes. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 14679-91	5.4	65
126	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. <i>Small</i> , <b>2017</b> , 13, 1604139	11	63
125	van der Waals Heterojunction between a Bottom-Up Grown Doped Graphene Quantum Dot and Graphene for Photoelectrochemical Water Splitting. <i>ACS Nano</i> , <b>2020</b> , 14, 1185-1195	16.7	58
124	Acidithiobacillus ferrooxidans and its potential application. <i>Extremophiles</i> , <b>2018</b> , 22, 563-579	3	58
123	Gold nanoparticles decorated reduced graphene oxide for detecting the presence and cellular release of nitric oxide. <i>Electrochimica Acta</i> , <b>2013</b> , 111, 441-446	6.7	58
122	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. <i>ACS Nano</i> , <b>2016</b> , 10, 11475-11482	16.7	56
121	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700493	15.6	55
120	Transdermal Delivery of Anti-Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. <i>Small Methods</i> , <b>2017</b> , 1, 1700269	12.8	54
119	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transition-Metal Dichalcogenides and their Application as Supercapacitors. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 12784-12788	3.6	54
118	Cobalt Phosphide Double-Shelled Nanocages: Broadband Light-Harvesting Nanostructures for Efficient Photothermal Therapy and Self-Powered Photoelectrochemical Biosensing. <i>Small</i> , <b>2017</b> , 13, 1700798	11	51
117	Orbital coupling of hetero-diatomic nickel-iron site for bifunctional electrocatalysis of CO reduction and oxygen evolution. <i>Nature Communications</i> , <b>2021</b> , 12, 4088	17.4	51
116	Microfiber devices based on carbon materials. <i>Materials Today</i> , <b>2015</b> , 18, 215-226	21.8	50

115	Bifunctional N-CoSe <sub>2</sub> /3D-MXene as Highly Efficient and Durable Cathode for Rechargeable Zn//Air Battery <b>2019</b> , 1, 432-439		49
114	Implantable and degradable antioxidant poly( $\epsilon$ -caprolactone)-lignin nanofiber membrane for effective osteoarthritis treatment. <i>Biomaterials</i> , <b>2020</b> , 230, 119601	15.6	48
113	Multi-stimuli responsive smart chitosan-based microcapsules for targeted drug delivery and triggered drug release. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 38, 145-153	8.9	46
112	Aldose Reductase Regulates Microglia/Macrophages Polarization Through the cAMP Response Element-Binding Protein After Spinal Cord Injury in Mice. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 662-676	6.2	41
111	Dynamic transcriptome changes during adipose tissue energy expenditure reveal critical roles for long noncoding RNA regulators. <i>PLoS Biology</i> , <b>2017</b> , 15, e2002176	9.7	41
110	Targeting graphene quantum dots to epidermal growth factor receptor for delivery of cisplatin and cellular imaging. <i>Materials Science and Engineering C</i> , <b>2019</b> , 94, 247-257	8.3	41
109	Small-molecule diketopyrrolopyrrole-based therapeutic nanoparticles for photoacoustic imaging-guided photothermal therapy. <i>Nano Research</i> , <b>2017</b> , 10, 794-801	10	40
108	Holey nickel hydroxide nanosheets for wearable solid-state fiber-supercapacitors. <i>Nanoscale</i> , <b>2018</b> , 10, 5442-5448	7.7	39
107	Molecular-Level Design of Hierarchically Porous Carbons Codoped with Nitrogen and Phosphorus Capable of In Situ Self-Activation for Sustainable Energy Systems. <i>Small</i> , <b>2017</b> , 13, 1602010	11	37
106	Biotransformation of ferulic acid to vanillin in the packed bed-stirred fermentors. <i>Scientific Reports</i> , <b>2016</b> , 6, 34644	4.9	36
105	Angiotensin type 2 receptor activation promotes browning of white adipose tissue and brown adipogenesis. <i>Signal Transduction and Targeted Therapy</i> , <b>2017</b> , 2, 17022	21	35
104	Weavable, High-Performance, Solid-State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. <i>Advanced Electronic Materials</i> , <b>2016</b> , 2, 1600102	6.4	35
103	Fe O /Ag/Bi MoO Photoactivatable Nanozyme for Self-Replenishing and Sustainable Cascaded Nanocatalytic Cancer Therapy. <i>Advanced Materials</i> , <b>2021</b> , e2106996	24	34
102	Diketopyrrolopyrrole-Based Photosensitizers Conjugated with Chemotherapeutic Agents for Multimodal Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 30398-30405	9.5	32
101	A microbial transformation using <i>Bacillus subtilis</i> B7-S to produce natural vanillin from ferulic acid. <i>Scientific Reports</i> , <b>2016</b> , 6, 20400	4.9	31
100	Highly biocompatible graphene quantum dots: green synthesis, toxicity comparison and fluorescence imaging. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 1198-1215	4.3	31
99	pH responsive superporogen combined with PDT based on poly Ce6 ionic liquid grafted on SiO for combating MRSA biofilm infection. <i>Theranostics</i> , <b>2020</b> , 10, 4795-4808	12.1	28
98	In situ preparation of a MOF-derived magnetic carbonaceous catalyst for visible-light-driven hydrogen evolution. <i>RSC Advances</i> , <b>2016</b> , 6, 2011-2018	3.7	28

97	Enzymatic Degradation of Graphene Quantum Dots by Human Peroxidases. <i>Small</i> , <b>2019</b> , 15, e1905405	11	28
96	Combination therapy of PKC $\alpha$ and COX-2 inhibitors synergistically suppress melanoma metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2017</b> , 36, 115	12.8	26
95	Semiconducting Polymer Nanobiocatalysts for Photoactivation of Intracellular Redox Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 13484-13488	16.4	26
94	Fluorescent quantum dots derived from PEDOT and their applications in optical imaging and sensing. <i>Materials Horizons</i> , <b>2014</b> , 1, 529-534	14.4	26
93	Fluorescence quenching between unbonded graphene quantum dots and gold nanoparticles upon simple mixing. <i>RSC Advances</i> , <b>2014</b> , 4, 35673-35677	3.7	25
92	Remodeling Tumor Microenvironment by Multifunctional Nanoassemblies for Enhanced Photodynamic Cancer Therapy <b>2020</b> , 2, 1268-1286		25
91	EZH2 overexpression in different immunophenotypes of breast carcinoma and association with clinicopathologic features. <i>Diagnostic Pathology</i> , <b>2016</b> , 11, 41	3	25
90	Broadband Plasmonic Antenna Enhanced Upconversion and Its Application in Flexible Fingerprint Identification. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1701119	8.1	24
89	Probiotics database: a potential source of fermented foods. <i>International Journal of Food Properties</i> , <b>2019</b> , 22, 198-217	3	23
88	Graphene quantum dots as full-color and stimulus responsive fluorescence ink for information encryption. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 579, 307-314	9.3	23
87	Facet-Dependent Catalytic Performance of Au Nanocrystals for Electrochemical Nitrogen Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 41613-41619	9.5	22
86	Inhibition of invasion by N-trans-feruloyloctopamine via AKT, p38MAPK and EMT related signals in hepatocellular carcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 989-993	2.9	21
85	Loss of clock gene mPer2 promotes liver fibrosis induced by carbon tetrachloride. <i>Hepatology Research</i> , <b>2010</b> , 40, 1117-27	5.1	21
84	Nanopore unstacking of single-stranded DNA helices. <i>Small</i> , <b>2007</b> , 3, 1204-8	11	21
83	High expression of CREPT promotes tumor growth and is correlated with poor prognosis in colorectal cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 480, 436-442	3.4	20
82	TiN@VN Nanowire Arrays on 3D Carbon for High-Performance Supercapacitors. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1027-1030	4.3	20
81	Nanoporous tin oxide photoelectrode prepared by electrochemical anodization in aqueous ammonia to improve performance of dye sensitized solar cell. <i>Journal of Renewable and Sustainable Energy</i> , <b>2013</b> , 5, 023120	2.5	20
80	Organic Nanotheranostics for Photoacoustic Imaging-Guided Phototherapy. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 1389-1405	4.3	20

79	Cryomicroneedles for transdermal cell delivery. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 1008-1018	19	20
78	Diketopyrrolopyrrole-Au(I) as singlet oxygen generator for enhanced tumor photodynamic and photothermal therapy. <i>Science China Chemistry</i> , <b>2020</b> , 63, 55-64	7.9	20
77	Iron Oxide Nanoparticle-Powered Micro-Optical Coherence Tomography for in Situ Imaging the Penetration and Swelling of Polymeric Microneedles in the Skin. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 20340-20347	9.5	18
76	Low-Cost and Highly Sensitive Wearable Sensor Based on Napkin for Health Monitoring. <i>Sensors</i> , <b>2019</b> , 19,	3.8	18
75	Optimization of magnetosome production by <i>Acidithiobacillus ferrooxidans</i> using desirability function approach. <i>Materials Science and Engineering C</i> , <b>2016</b> , 59, 731-739	8.3	18
74	A Graphene Quantum Dots-Hypochlorite Hybrid System for the Quantitative Fluorescent Determination of Total Antioxidant Capacity. <i>Small</i> , <b>2017</b> , 13, 1700709	11	16
73	Identification of novel serum biomarker for the detection of acute myeloid leukemia based on liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 166, 357-363	3.5	16
72	Graphene/Bacteria composite for oxygen reduction and lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 12873-12879	13	16
71	Drug-based magnetic imprinted nanoparticles: Enhanced lysozyme amyloid fibrils cleansing and anti-amyloid fibrils toxicity. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 153, 723-735	7.9	16
70	Realgar transforming solution displays anticancer potential against human hepatocellular carcinoma HepG2 cells by inducing ROS. <i>International Journal of Oncology</i> , <b>2017</b> , 50, 660-670	4.4	16
69	RNA Binding Protein Ybx2 Regulates RNA Stability During Cold-Induced Brown Fat Activation. <i>Diabetes</i> , <b>2017</b> , 66, 2987-3000	0.9	15
68	A vanillin derivative suppresses the growth of HT29 cells through the Wnt/ $\beta$ -catenin signaling pathway. <i>European Journal of Pharmacology</i> , <b>2019</b> , 849, 43-49	5.3	15
67	Clinicopathologic features and prognostic implications of Gankyrin protein expression in non-small cell lung cancer. <i>Pathology Research and Practice</i> , <b>2015</b> , 211, 939-47	3.4	15
66	Feasibility of biohydrogen production from industrial wastes using defined microbial co-culture. <i>Biological Research</i> , <b>2015</b> , 48, 24	7.6	15
65	Tunable excitonic emission of monolayer WS <sub>2</sub> for the optical detection of DNA nucleobases. <i>Nano Research</i> , <b>2018</b> , 11, 1744-1754	10	14
64	Antimicrobial Microneedle Patch for Treating Deep Cutaneous Fungal Infection. <i>Advanced Therapeutics</i> , <b>2019</b> , 2, 1900064	4.9	14
63	Draft genome sequence of <i>Acidithiobacillus ferrooxidans</i> YQH-1. <i>Genomics Data</i> , <b>2015</b> , 6, 269-70		14
62	Mobility Enhancement in Carbon Nanotube Transistors by Screening Charge Impurity with Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 6975-6979	3.8	14

61	Substrate Engineering for CVD Growth of Single Crystal Graphene.. <i>Small Methods</i> , <b>2021</b> , 5, e2001213	12.8	14
60	Preparation of open-porous stereocomplex PLA/PBAT scaffolds and correlation between their morphology, mechanical behavior, and cell compatibility.. <i>RSC Advances</i> , <b>2018</b> , 8, 12933-12943	3.7	13
59	Mo2C-Derived Polyoxometalate for NIR-II Photoacoustic Imaging-Guided Chemodynamic/Photothermal Synergistic Therapy. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 18814-18819	3.6	13
58	Acidithiobacillus thiooxidans and its potential application. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 7819-7833	5.7	12
57	Cultivation-independent comprehensive investigations on bacterial communities in serofluid dish, a traditional Chinese fermented food. <i>Genomics Data</i> , <b>2016</b> , 7, 127-8		12
56	Metagenomic data of fungal internal transcribed spacer from serofluid dish, a traditional Chinese fermented food. <i>Genomics Data</i> , <b>2016</b> , 7, 134-6		12
55	High ABCG4 Expression Is Associated with Poor Prognosis in Non-Small-Cell Lung Cancer Patients Treated with Cisplatin-Based Chemotherapy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135576	3.7	12
54	Draft genome sequence of extremely acidophilic bacterium Acidithiobacillus ferrooxidans DLC-5 isolated from acid mine drainage in Northeast China. <i>Genomics Data</i> , <b>2015</b> , 6, 267-8		11
53	The use of (5Z)-4-bromo-5-(bromomethylene)-2(5H)-furanone for controlling acid mine drainage through the inhibition of Acidithiobacillus ferrooxidans biofilm formation. <i>Bioresource Technology</i> , <b>2015</b> , 186, 52-57	11	10
52	Transdermal theranostics. <i>View</i> , <b>2020</b> , 1, e21	7.8	10
51	Thiophene-derived polymer dots for imaging endocytic compartments in live cells and broad-spectrum bacterial killing. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 152-157	7.8	10
50	Labeling and Tracking P2 Purinergic Receptors in Living Cells Using ATP-Conjugated Quantum Dots. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 2776-2780	15.6	10
49	Promoted intramolecular photoinduced-electron transfer for multi-mode imaging-guided cancer photothermal therapy. <i>Rare Metals</i> , <b>2017</b> , 1, 152-157	5.5	10
48	POD Nanozyme optimized by charge separation engineering for light/pH activated bacteria catalytic/photodynamic therapy.. <i>Signal Transduction and Targeted Therapy</i> , <b>2022</b> , 7, 86	21	10
47	Properties of realgar bioleaching using an extremely acidophilic bacterium and its antitumor mechanism as an anticancer agent. <i>Biological Research</i> , <b>2017</b> , 50, 17	7.6	9
46	Interfacing Glycosylated Carbon-Nanotube-Network Devices with Living Cells to Detect Dynamic Secretion of Biomolecules. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 2761-2764	3.6	9
45	Effects of substrates on photocurrents from photosensitive polymer coated carbon nanotube networks. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 103310	3.4	9
44	Charge Density Depinning in Defective MoTe2 Transistor by Oxygen Intercalation. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004880	15.6	9



43	IPM712, a vanillin derivative as potential antitumor agents, displays better antitumor activity in colorectal cancers cell lines. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 152, 105464	5.1	8
42	Enhancing electrochemical nitrogen reduction with Ru nanowires via the atomic decoration of Pt. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 25142-25147	13	8
41	Baicalin Induces Apoptosis and Suppresses the Cell Cycle Progression of Lung Cancer Cells Through Downregulating Akt/mTOR Signaling Pathway. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 602282	5.6	8
40	Starvation, Ferroptosis, and Prodrug Therapy Synergistically Enabled by a Cytochrome c Oxidase like Nanozyme.. <i>Advanced Materials</i> , <b>2022</b> , e2203236	24	8
39	Mg <sup>2+</sup> reduces biofilm quantity in <i>Acidithiobacillus ferrooxidans</i> through inhibiting Type IV pili formation. <i>FEMS Microbiology Letters</i> , <b>2018</b> , 365,	2.9	7
38	Semiconducting Polymer Nanobiocatalysts for Photoactivation of Intracellular Redox Reactions. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 13672-13676	3.6	7
37	Optimal parameters for bioleaching of realgar using <i>Acidithiobacillus ferrooxidans</i> under different growth conditions and mathematical analysis. <i>Biocatalysis and Biotransformation</i> , <b>2013</b> , 31, 33-41	2.5	7
36	Bioadsorption of arsenic from aqueous solution by the extremophilic bacterium <i>Acidithiobacillus ferrooxidans</i> DLC-5. <i>Biocatalysis and Biotransformation</i> , <b>2019</b> , 37, 35-43	2.5	7
35	The compatibility effects of sini decoction against doxorubicin-induced heart failure in rats revealed by mass spectrometry-based serum metabolite profiling and computational analysis. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 252, 112618	5	6
34	Strand-specific RNA-seq analysis of the <i>Acidithiobacillus ferrooxidans</i> transcriptome in response to magnesium stress. <i>Archives of Microbiology</i> , <b>2018</b> , 200, 1025-1035	3	6
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