Jin Chang

List of Publications by Citations

137 papers	3,226 citations	31 h-index	50 g-index
146 ext. papers	4,141 ext. citations	8.9 avg, IF	5.36 L-index

#	Paper	IF	Citations
137	Albumin-Bioinspired Gd:CuS Nanotheranostic Agent for In Vivo Photoacoustic/Magnetic Resonance Imaging-Guided Tumor-Targeted Photothermal Therapy. *ACS Nano*, **2016**, 10, 10245-10257	16.7	286
136	Size-Tuning Ionization To Optimize Gold Nanoparticles for Simultaneous Enhanced CT Imaging and Radiotherapy. *ACS Nano*, **2016**, 10, 2536-48	16.7	193
135	Near-Infrared Emission CuInS/ZnS Quantum Dots: All-in-One Theranostic Nanomedicines with Intrinsic Fluorescence/Photoacoustic Imaging for Tumor Phototherapy. *ACS Nano*, **2016**, 10, 9637-9645	16.7	179
134	Quantum dot-based immunochromatography test strip for rapid, quantitative and sensitive detection of alpha fetoprotein. *Biosensors and Bioelectronics*, **2011**, 30, 145-50	11.8	141
133	Rapid and quantitative detection of prostate specific antigen with a quantum dot nanobeads-based immunochromatography test strip. *ACS Applied Materials & Interfaces*, **2014**, 6, 6406-14	9.5	104
132	Tat-BMPs-PAMAM conjugates enhance therapeutic effect of small interference RNA on U251 glioma cells in vitro and in vivo. *Human Gene Therapy*, **2010**, 21, 417-26	4.8	82
131	Near-Infrared Light Triggered Upconversion Optogenetic Nanosystem for Cancer Therapy. *ACS Nano*, **2017**, 11, 11898-11907	16.7	69
130	Multimodality imaging in nanomedicine and nanotheranostics. *Cancer Biology and Medicine*, **2016**, 13, 339-348	5.2	68
129	Enhanced Fluorescence ELISA Based on HAT Triggering Fluorescence "Turn-on" with Enzyme-Antibody Dual Labeled AuNP Probes for Ultrasensitive Detection of AFP and HBsAg. *ACS Applied Materials & Interfaces*, **2017**, 9, 9369-9377	9.5	63
128	Facile Synthesis of Gd-Cu-In-S/ZnS Bimodal Quantum Dots with Optimized Properties for Tumor Targeted Fluorescence/MR In Vivo Imaging. *ACS Applied Materials & Interfaces*, **2015**, 7, 18759-68	9.5	62
127	Color Tunable Gd-Zn-Cu-In-S/ZnS Quantum Dots for Dual Modality Magnetic Resonance and Fluorescence Imaging. *Nano Research*, **2014**, 7, 1581-1591	10	59
126	PB@Au Core-Satellite Multifunctional Nanotheranostics for Magnetic Resonance and Computed Tomography Imaging in Vivo and Synergetic Photothermal and Radiosensitive Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 1263-1272	9.5	53
125	Light-Triggered Retention and Cascaded Therapy of Albumin-Based Theranostic Nanomedicines to Alleviate Tumor Adaptive Treatment Tolerance. *Advanced Functional Materials*, **2018**, 28, 1707291	15.6	51
124	Human HSP70 Promoter-Based Prussian Blue Nanotheranostics for Thermo-Controlled Gene Therapy and Synergistic Photothermal Ablation. *Advanced Functional Materials*, **2018**, 28, 1802026	15.6	47
123	pH- and NIR light responsive nanocarriers for combination treatment of chemotherapy and photodynamic therapy. *Biomaterials Science*, **2016**, 4, 338-45	7.4	46
122	Structural design and preparation of high-performance QD-encoded polymer beads for suspension arrays. *Journal of Materials Chemistry*, **2011**, 21, 2169-2177		45
121	A Protein-Polymer Bioconjugate-Coated Upconversion Nanosystem for Simultaneous Tumor Cell Imaging, Photodynamic Therapy, and Chemotherapy. *ACS Applied Materials & Interfaces*, **2016**, 8, 32688-32698	9.5	45

120	Simple and Sensitive Quantification of MicroRNAs via PS@Au Microspheres-Based DNA Probes and DSN-Assisted Signal Amplification Platform. *ACS Applied Materials & Interfaces*, **2018**, 10, 3324-3332	9.5	43
119	PEG/RGD-modified magnetic polymeric liposomes for controlled drug release and tumor cell targeting. *International Journal of Pharmaceutics*, **2012**, 426, 170-181	6.5	41
118	Nanoparticle-based diagnostic and therapeutic systems for brain tumors. *Journal of Materials Chemistry B*, **2019**, 7, 4734-4750	7.3	40
117	Co-delivery of Gefitinib and chloroquine by chitosan nanoparticles for overcoming the drug acquired resistance. *Journal of Nanobiotechnology*, **2015**, 13, 57	9.4	40
116	Reverse Fluorescence Enhancement and Colorimetric Bimodal Signal Readout Immunochromatography Test Strip for Ultrasensitive Large-Scale Screening and Postoperative Monitoring. *ACS Applied Materials & Interfaces*, **2016**, 8, 22963-70	9.5	38
115	Radiation-responsive scintillating nanotheranostics for reduced hypoxic radioresistance under ROS/NO-mediated tumor microenvironment regulation. *Theranostics*, **2018**, 8, 5870-5889	12.1	38
114	Persistent Luminescent Nanocarrier as an Accurate Tracker in Vivo for Near Infrared-Remote Selectively Triggered Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2016**, 8, 21603-11	9.5	37
113	A human endogenous protein exerts multi-role biomimetic chemistry in synthesis of paramagnetic gold nanostructures for tumor bimodal imaging. *Biomaterials*, **2018**, 161, 256-269	15.6	35
112	Multifunctional Nanoparticles Composed of A Poly(dl-lactide-coglycolide) Core and A Paramagnetic Liposome Shell for Simultaneous Magnetic Resonance Imaging and Targeted Therapeutics. *Advanced Functional Materials*, **2011**, 21, 1179-1186	15.6	35
111	A smartphone-based quantitative detection platform of mycotoxins based on multiple-color upconversion nanoparticles. *Nanoscale*, **2018**, 10, 15865-15874	7.7	34
110	One-pot synthesis of hydrophilic ZnCuInS/ZnS quantum dots for in vivo imaging. *RSC Advances*, **2013**, 3, 9470	3.7	34
109	High-performance fluorescence-encoded magnetic microbeads as microfluidic protein chip supports for AFP detection. *Analytica Chimica Acta*, **2016**, 939, 84-92	6.6	33
108	Fluorescence quenching-based signal amplification on immunochromatography test strips for dual-mode sensing of two biomarkers of breast cancer. *Nanoscale*, **2017**, 9, 18711-18722	7.7	31
107	NIR-Remote Selected Activation Gene Expression in Living Cells by Upconverting Microrods. *Advanced Materials*, **2016**, 28, 707-14	24	31
106	Membrane-destabilizing ionizable lipid empowered imaging-guided siRNA delivery and cancer treatment. *Exploration*, **2021**, 1, 35-49		31
105	An ultra-sensitive and colorimetric sensor for copper and iron based on glutathione-functionalized gold nanoclusters. *Analytica Chimica Acta*, **2016**, 948, 73-79	6.6	30
104	Paper-Based Strip for Ultrasensitive Detection of OSCC-Associated Salivary MicroRNA via CRISPR/Cas12a Coupling with IS-Primer Amplification Reaction. *Analytical Chemistry*, **2020**, 92, 13336-13342	7.8	28
103	A synergistic cancer immunotherapy nano-system for preventing tumor growth. *Chemical Engineering Journal*, **2020**, 380, 122472	14.7	26

102	An effective modified method to prepare highly luminescent, highly stable water-soluble quantum dots and its preliminary application in immunoassay. *Journal of Materials Chemistry*, **2012**, 22, 462-469		25
101	Targeted delivery of tungsten oxide nanoparticles for multifunctional anti-tumor therapy via macrophages. *Biomaterials Science*, **2018**, 6, 1379-1389	7.4	24
100	Multifunctional Microspheres Encoded with Upconverting Nanocrystals and Magnetic Nanoparticles for Rapid Separation and Immunoassays. *ACS Applied Materials & Interfaces*, **2016**, 8, 745-53	9.5	23
99	Lipid coated upconverting nanoparticles as NIR remote controlled transducer for simultaneous photodynamic therapy and cell imaging. *International Journal of Pharmaceutics*, **2014**, 466, 307-13	6.5	23
98	An efficient method for preparing high-performance multifunctional polymer beads simultaneously incorporated with magnetic nanoparticles and quantum dots. *Journal of Materials Chemistry*, **2011**, 21, 12520		23
97	Nano-herb medicine and PDT induced synergistic immunotherapy for colon cancer treatment. *Biomaterials*, **2021**, 269, 120654	15.6	23
96	A Highly Photostable Hyperbranched Polyglycerol-Based NIR Fluorescence Nanoplatform for Mitochondria-Specific Cell Imaging. *Advanced Healthcare Materials*, **2016**, 5, 2214-26	10.1	23
95	Multifunctional reduction-responsive SPIO&DOX-loaded PEGylated polymeric lipid vesicles for magnetic resonance imaging-guided drug delivery. *Nanotechnology*, **2016**, 27, 165101	3.4	22
94	Radionuclide therapy using □□□-labeled anti-epidermal growth factor receptor-targeted nanoparticles suppresses cancer cell growth caused by EGFR overexpression. *Journal of Cancer Research and Clinical Oncology*, **2016**, 142, 619-32	4.9	22
93	Flow cytometric immunoassay for aflatoxin B1 using magnetic microspheres encoded with upconverting fluorescent nanocrystals. *Mikrochimica Acta*, **2017**, 184, 1471-1479	5.8	21
92	Effective Bioactivity Retention of Low-Concentration Antibodies on HFBI-Modified Fluorescence ICTS for Sensitive and Rapid Detection of PSA. *ACS Applied Materials & Interfaces*, **2018**, 10, 14549-14558	9.5	21
91	Near-Infrared Light-Excited Upconverting Persistent Nanophosphors in Vivo for Imaging-Guided Cell Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 19514-19522	9.5	21
90	Construction of near infrared light triggered nanodumbbell for cancer photodynamic therapy. *Journal of Colloid and Interface Science*, **2017**, 494, 363-372	9.3	19
89	Autoregenerative redox nanoparticles as an antioxidant and glycation inhibitor for palliation of diabetic cataracts. *Nanoscale*, **2019**, 11, 13126-13138	7.7	19
88	An NIR-responsive mesoporous silica nanosystem for synergetic photothermal-immunoenhancement therapy of hepatocellular carcinoma. *Journal of Materials Chemistry B*, **2020**, 8, 251-259	7.3	19
87	Near-infrared light remotely up-regulate autophagy with spatiotemporal precision via upconversion optogenetic nanosystem. *Biomaterials*, **2019**, 199, 22-31	15.6	18
86	Construction of novel brain-targeting gene delivery system by natural magnetic nanoparticles. *Journal of Applied Polymer Science*, **2011**, 121, 3446-3454	2.9	18
85	Functional nanocarrier for drug and gene delivery via local administration in mucosal tissues. *Nanomedicine*, **2018**, 13, 69-88	5.6	18

84	Ultra-sensitive detection of microRNA-21 based on duplex-specific nuclease-assisted target recycling and horseradish peroxidase cascading signal amplification. *Sensors and Actuators B: Chemical*, **2018**, 263, 289-297	8.5	17
83	High sensitive and multiple detection of acute myocardial infarction biomarkers based on a dual-readout immunochromatography test strip. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 1257-1266	6	17
82	Self-aggregates of cholic acid hydrazide–dextran conjugates as drug carriers. *Journal of Applied Polymer Science*, **2005**, 95, 487-493	2.9	17
81	Controlled co-release of doxorubicin and reactive oxygen species for synergistic therapy by NIR remote-triggered nanoimpellers. *Materials Science and Engineering C*, **2017**, 74, 94-102	8.3	16
80	Beyond Photo: Xdynamic Therapies in Fighting Cancer. *Advanced Materials*, **2021**, 33, e2007488	24	16
79	Development of monodispersed and functional magnetic polymeric liposomes via simple liposome method. *Journal of Nanoparticle Research*, **2010**, 12, 1723-1732	2.3	15
78	A Metal Chelator as a Plasmonic Signal-Generation Superregulator for Ultrasensitive Colorimetric Bioassays of Disease Biomarkers. *Advanced Science*, **2018**, 5, 1800295	13.6	15
77	Near-infrared persistent luminescence phosphors ZnGaO:Cr as an accurately tracker to photothermal therapy in vivo for visual treatment. *Materials Science and Engineering C*, **2017**, 79, 372-381	8.3	14
76	Shape Coding Microhydrogel for a Real-Time Mycotoxin Detection System Based on Smartphones. *ACS Applied Materials & Interfaces*, **2019**, 11, 8584-8590	9.5	14
75	Intelligent Detection Platform for Simultaneous Detection of Multiple MiRNAs Based on Smartphone. *ACS Sensors*, **2019**, 4, 1873-1880	9.2	14
74	Preparation of monodisperse, superparamagnetic, luminescent, and multifunctional PGMA microspheres with amino-groups. *Science Bulletin*, **2008**, 53, 1165-1170	10.6	14
73	A Novel Targeted and High-Efficiency Nanosystem for Combinational Therapy for Alzheimer's Disease. *Advanced Science*, **2020**, 7, 1902906	13.6	14
72	Potential of CeCl@mSiO nanoparticles in alleviating diabetic cataract development and progression. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 1147-1155	6	13
71	Construction of ICG encapsulated WO@MSN as a fluorescence carrier for real-time tracked photothermal therapy. *Materials Science and Engineering C*, **2017**, 80, 102-109	8.3	13
70	Antitumor Effect of I-Labeled Anti-VEGFR2 Targeted Mesoporous Silica Nanoparticles in Anaplastic Thyroid Cancer. *Nanoscale Research Letters*, **2019**, 14, 96	5	13
69	Nonenzyme Cascaded Amplification Biosensor Based on Effective Aggregation Luminescence Caused by Disintegration of Silver Nanoparticles. *ACS Sensors*, **2020**, 5, 1912-1920	9.2	13
68	Background-free upconversion-encoded microspheres for mycotoxin detection based on a rapid visualization method. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 81-91	4.4	13
67	A NIR-remote controlled upconverting nanoparticle: an improved tool for living cell dye-labeling. *Nanotechnology*, **2015**, 26, 425102	3.4	13

66	Exploiting the acquired vulnerability of cisplatin-resistant tumors with a hypoxia-amplifying DNA repair-inhibiting (HYDRI) nanomedicine. *Science Advances*, **2021**, 7,	14.3	13
65	Programmed Size-Changeable Nanotheranostic Agents for Enhanced Imaging-Guided Chemo/Photodynamic Combination Therapy and Fast Elimination. *Advanced Materials*, **2021**, 33, e2100398	24	13
64	Enzyme-free colorimetric detection of MicroRNA-21 using metal chelator as label for signal generation and amplification. *Analytica Chimica Acta*, **2019**, 1052, 145-152	6.6	13
63	Cyanobacteria-Based Bio-Oxygen Pump Promoting Hypoxia-Resistant Photodynamic Therapy. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 237	5.8	12
62	The construction of a novel nucleic acids detection microplatform based on the NSET for one-step detecting TK1-DNA and microRNA-21. *Biosensors and Bioelectronics*, **2017**, 97, 26-33	11.8	11
61	Scavenger receptor-AI-targeted ultrasmall gold nanoclusters facilitate in vivo MR and ex vivo fluorescence dual-modality visualization of vulnerable atherosclerotic plaques. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2019**, 19, 81-94	6	11
60	Construction of a Novel Biosensor Based on the Self-assembly of Dual-Enzyme Cascade Amplification-Induced Copper Nanoparticles for Ultrasensitive Detection of MicroRNA153. *ACS Applied Materials & Interfaces*, **2020**, 12, 34130-34136	9.5	11
59	An efficient delivery of photosensitizers and hypoxic prodrugs for a tumor combination therapy by membrane camouflage nanoparticles. *Journal of Materials Chemistry B*, **2020**, 8, 2876-2886	7.3	11
58	Facile single step preparation of high-performance quantum dot barcodes. *Journal of Materials Chemistry*, **2012**, 22, 7043		11
57	Synthesis of aqueous AgInS/ZnS@PEI as a self-indicating nonviral vector for plasmid DNA self-tracking delivery. *Journal of Materials Chemistry B*, **2015**, 3, 8518-8527	7.3	10
56	Immune fluorescence test strips based on quantum dots for rapid and quantitative detection of carcino-embryonic antigen. *Chinese Chemical Letters*, **2017**, 28, 1881-1884	8.1	10
55	Ultrasmall bimodal nanomolecules enhanced tumor angiogenesis contrast with endothelial cell targeting and molecular pharmacokinetics. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2019**, 15, 252-263	6	10
54	Astragaloside III Enhances Anti-Tumor Response of NK Cells by Elevating NKG2D and IFN-□ *Frontiers in Pharmacology*, **2019**, 10, 898	5.6	9
53	Radioiodine-labeled anti-epidermal growth factor receptor binding bovine serum albumin-polycaprolactone for targeting imaging of glioblastoma. *Oncology Reports*, **2017**, 38, 2919-2926	3.5	9
52	An innovative "unlocked mechanism" by a double key avenue for one-pot detection of microRNA-21 and microRNA-141. *Theranostics*, **2019**, 9, 279-289	12.1	9
51	mRNA vaccines for COVID-19 and diverse diseases.. *Journal of Controlled Release*, **2022**, 345, 314-333	11.7	9
50	A visual guide to gene/optothermal synergy therapy nanosystem using tungsten oxide. *Journal of Colloid and Interface Science*, **2017**, 506, 460-470	9.3	8
49	Micro- and nano-carrier systems: The non-invasive and painless local administration strategies for disease therapy in mucosal tissues. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 153-171	6	8

48	Mitochondria-targeted nanoparticles in treatment of neurodegenerative diseases. *Exploration*, **2021**, 1, 20210115		8
47	Engineered NIR light-responsive bacteria as anti-tumor agent for targeted and precise cancer therapy. *Chemical Engineering Journal*, **2021**, 426, 130842	14.7	8
46	Enabling AIEgens close assembly in tumor-overexpressed protein cluster for boosted image-guided cancer surgery. *Science China Chemistry*, **2020**, 63, 1694-1702	7.9	7
45	High fluorescence quenching probe-based reverse fluorescence enhancement LFTS coupling with IS-primer amplification reaction for the rapid and sensitive Parkinson Disease-associated MicroRNA detection. *Biosensors and Bioelectronics*, **2020**, 165, 112278	11.8	7
44	A fluorescent signal "removal" sensor via duplex-specific nuclease-aided cleavage for miRNA detection in flow cytometry. *Colloids and Surfaces B: Biointerfaces*, **2020**, 185, 110570	6	7
43	Blue light-triggered optogenetic system for treating uveal melanoma. *Oncogene*, **2020**, 39, 2118-2124	9.2	7
42	An injectable hydrogel co-loading with cyanobacteria and upconversion nanoparticles for enhanced photodynamic tumor therapy. *Colloids and Surfaces B: Biointerfaces*, **2021**, 201, 111640	6	7
41	I-labeled and DOX-loaded multifunctional nanoliposomes for radiotherapy and chemotherapy in brain gliomas. *Brain Research*, **2020**, 1739, 145218	3.7	7
40	Application of upconversion luminescent-magnetic microbeads with weak background noise and facile separation in ochratoxin A detection. *Journal of Nanoparticle Research*, **2017**, 19, 1	2.3	6
39	Tumor Exosome Mimicking Nanoparticles for Tumor Combinatorial Chemo-Photothermal Therapy. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 1010	5.8	6
38	Optotheranostic Nanosystem with Phone Visual Diagnosis and Optogenetic Microbial Therapy for Ulcerative Colitis At-Home Care. *ACS Nano*, **2021**, 15, 7040-7052	16.7	6
37	Remote Regulation of Optogenetic Proteins by a Magneto-Luminescence Microdevice. *Advanced Functional Materials*, **2021**, 31, 2006357	15.6	6
36	Ultrasensitive lateral-flow assays based on quantum dot encapsulations with signal amplification. *Journal of Nanoparticle Research*, **2018**, 20, 1	2.3	6
35	A Logic AND-Gated Sonogene Nanosystem for Precisely Regulating the Apoptosis of Tumor Cells. *ACS Applied Materials & Interfaces*, **2020**, 12, 56692-56700	9.5	5
34	A facile method for high-performance multicolor upconversion microrods for biological encoding. *Nanotechnology*, **2015**, 26, 455101	3.4	5
33	Gold nanorods-mediated efficient synergistic immunotherapy for detection and inhibition of postoperative tumor recurrence. *Acta Pharmaceutica Sinica B*, **2021**, 11, 1978-1992	15.5	5
32	Applications of nanotechnology in virus detection, tracking, and infection mechanisms. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2021**, 13, e1700	9.2	5
31	Immune Modulator and Low-Temperature PTT-Induced Synergistic Immunotherapy for Cancer Treatment.. *ACS Applied Bio Materials*, **2021**, 4, 1524-1535	4.1	5

30	Preparation of multi-color quantum dots and its application to immunohistochemical analysis. *Science Bulletin*, **2008**, 53, 2077-2083	10.6	4
29	An amplified fluorescent biosensor for Ag detection through the hybridization chain reactions. *Colloids and Surfaces B: Biointerfaces*, **2021**, 202, 111686	6	4
28	NIR light-responsive bacteria with live bio-glue coatings for precise colonization in the gut. *Cell Reports*, **2021**, 36, 109690	10.6	4
27	Reusable Bioluminescent Sensor for Ultrasensitive MicroRNA Detection Based on a Target-Introducing "Fuel-Loading" Mechanism. *ACS Applied Materials & Interfaces*, **2019**, 11, 38586-38594	9.5	3
26	Antioxidant and anti-glycated TAT-modified platinum nanoclusters as eye drops for non-invasive and painless relief of diabetic cataract in rats. *Chemical Engineering Journal*, **2020**, 398, 125436	14.7	3
25	Upconversion optogenetic micro-nanosystem optically controls the secretion of light-responsive bacteria for systemic immunity regulation. *Communications Biology*, **2020**, 3, 561	6.7	3
24	NIR-Responsive Spatiotemporally Controlled Cyanobacteria Micro-Nanodevice for Intensity-Modulated Chemotherapeutics in Rheumatoid Arthritis. *ACS Applied Materials & Interfaces*, **2021**, 13, 18423-18431	9.5	3
23	Natural Phyto-Antioxidant Albumin Nanoagents to Treat Advanced Alzheimer's Disease. *ACS Applied Materials & Interfaces*, **2021**, 13, 30373-30382	9.5	3
22	Sensitive detection of Porphyromonas gingivalis based on magnetic capture and upconversion fluorescent identification with multifunctional nanospheres. *European Journal of Oral Sciences*, **2016**, 124, 334-42	2.3	3
21	A dual-targeted multifunctional nanoformulation for potential prevention and therapy of Alzheimer's disease.. *Innovation(China)*, **2021**, 2, 100160	17.8	3
20	Near-infrared-II photothermal ultra-small carbon dots promoting anticancer efficiency by enhancing tumor penetration.. *Journal of Colloid and Interface Science*, **2022**, 616, 595-604	9.3	3
19	Accurate manipulation of optogenetic proteins with wavelength tunable femtosecond laser system. *Journal of Applied Physics*, **2019**, 125, 163105	2.5	2
18	A novel analytical principle using AP site-mediated T7 RNA polymerase transcription regulation for sensing uracil-DNA glycosylase activity. *Analyst, The*, **2020**, 145, 4321-4327	5	2
17	Inhibition of myeloid differentiation factor 88 signaling mediated by histidine-grafted poly(□amino ester) ester nanovector induces donor-specific liver allograft tolerance. *International Journal of Nanomedicine*, **2015**, 10, 4367-82	7.3	2
16	Sendai virus acts as a nano-booster to excite dendritic cells for enhancing the efficacy of CD47-directed immune checkpoint inhibitors against breast carcinoma. *Materials Chemistry Frontiers*, **2021**, 5, 223-237	7.8	2
15	NIR-triggered engineered photosynthetic micro□anodevice for reversing the hypoxic tumor immunosuppressive microenvironment. *Materials Chemistry Frontiers*, **2021**, 5, 2234-2246	7.8	2
14	Hydrogel microcapsules containing engineered bacteria for sustained production and release of protein drugs. *Biomaterials*, **2022**, 121619	15.6	2
13	Effect of mesoporous silica nanoparticles co-loading with 17-AAG and Torin2 on anaplastic thyroid carcinoma by targeting VEGFR2. *Oncology Reports*, **2020**, 43, 1491-1502	3.5	1

12	Reversing the systemic biotoxicity of nanomaterials by downregulating ROS-related signaling pathways in the multi-organs of Zebrafish embryos. *Materials Chemistry Frontiers*,	7.8	1
11	CRISPR-dcas9 Optogenetic Nanosystem for the Blue Light-Mediated Treatment of Neovascular Lesions.. *ACS Applied Bio Materials*, **2021**, 4, 2502-2513	4.1	1
10	Bacteria-based nanosystems for enhanced antitumor therapy. *Science China Life Sciences*, **2021**, 1	8.5	1
9	Development of chromogenic detection for biomolecular analysis. *View*, **2022**, 3, 20200191	7.8	0
8	Spatiotemporal regulation of ubiquitin-mediated protein degradation via upconversion optogenetic nanosystem. *Nano Research*, **2020**, 13, 3253-3260	10	0
7	MicroRNA-Responsive DNA-Programmed Nanomedicine with Controllability of Cascaded Events for Cancer Therapy Enhancement.. *ACS Macro Letters*, **2021**, 10, 654-661	6.6	0
6	CRISPR/Cas9 nanoeditor of double knockout large fragments of E6 and E7 oncogenes for reversing drugs resistance in cervical cancer. *Journal of Nanobiotechnology*, **2021**, 19, 231	9.4	0
5	Construction of a new multifunctional insomnia drug delivery system. *Chemical Engineering Journal*, **2021**, 132633	14.7	0
4	Microneedle patch based on molecular motor as a spatio-temporal controllable dosing strategy of L-DOPA for Parkinson disease. *Chemical Engineering Journal*, **2022**, 427, 131555	14.7	0
3	Intracellular delivery of CII TA genes by polycationic liposomes for suppressed immune response of dendritic cells. *RSC Advances*, **2015**, 5, 44068-44073	3.7	
2	High-efficient inhibition of recognition in allorejection via a pMyD88/liposomes complex. *RSC Advances*, **2015**, 5, 13107-13111	3.7	
1	Transactivating-transduction protein-polyethylene glycol modified liposomes traverse the blood-spinal cord and blood-brain barriers. *Neural Regeneration Research*, **2012**, 7, 2784-92	4.5	