Jin Chang

List of Publications by Year
in descending order

143	4,973	94269	123241
papers	citations	37 h-index	61 g-index

146	146	146	6953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Albumin-Bioinspired Gd:CuS Nanotheranostic Agent for In Vivo Photoacoustic/Magnetic Resonance Imaging-Guided Tumor-Targeted Photothermal Therapy. ACS Nano, 2016, 10, 10245-10257.	7.3	361
2	Size-Tuning Ionization To Optimize Gold Nanoparticles for Simultaneous Enhanced CT Imaging and Radiotherapy. ACS Nano, 2016, 10, 2536-2548.	7.3	231
3	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.	7.3	216
4	Quantum dot-based immunochromatography test strip for rapid, quantitative and sensitive detection of alpha fetoprotein. Biosensors and Bioelectronics, 2011, 30, 145-150.	5.3	163
5	Rapid and Quantitative Detection of Prostate Specific Antigen with a Quantum Dot Nanobeads-Based Immunochromatography Test Strip. ACS Applied Materials & Interfaces, 2014, 6, 6406-6414.	4.0	125
6	Membraneâ€destabilizing ionizable lipid empowered imagingâ€guided siRNA delivery and cancer treatment. Exploration, 2021, 1, 35-49.	5.4	106
7	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, 417-426.	1.4	99
8	Near-Infrared Light Triggered Upconversion Optogenetic Nanosystem for Cancer Therapy. ACS Nano, 2017, 11, 11898-11907.	7.3	90
9	Multimodality imaging in nanomedicine and nanotheranostics. Cancer Biology and Medicine, 2016, 13, 339-348.	1.4	89
10	Enhanced Fluorescence ELISA Based on HAT Triggering Fluorescence â€œTurn-onâ€•with Enzymeâ€“Antibody Dual Labeled AuNP Probes for Ultrasensitive Detection of AFP and HBsAg. ACS Applied Materials & Interfaces, 2017, 9, 9369-9377.	4.0	80
11	Facile Synthesis of Gdâ€“Cuâ€“Inâ€“S/ZnS Bimodal Quantum Dots with Optimized Properties for Tumor Targeted Fluorescence/MR In Vivo Imaging. ACS Applied Materials & Interfaces, 2015, 7, 18759-18768.	4.0	73
12	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.	3.2	70
13	Color-tunable Gd-Zn-Cu-In-S/ZnS quantum dots for dual modality magnetic resonance and fluorescence imaging. Nano Research, 2014, 7, 1581-1591.	5.8	68
14	PB@Au Coreâ€“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.	4.0	68
15	Lightâ€Triggered Retention and Cascaded Therapy of Albuminâ€Based Theranostic Nanomedicines to Alleviate Tumor Adaptive Treatment Tolerance. Advanced Functional Materials, 2018, 28, 1707291.	7.8	68
16	Human HSP70 Promoterâ€Based Prussian Blue Nanotheranostics for Thermoâ€Controlled Gene Therapy and Synergistic Photothermal Ablation. Advanced Functional Materials, 2018, 28, 1802026.	7.8	68
17	Mitochondriaâ€targeted nanoparticles in treatment of neurodegenerative diseases. Exploration, 2021, 1, .	5.4	64
18	Radiation-responsive scintillating nanotheranostics for reduced hypoxic radioresistance under ROS/NO-mediated tumor microenvironment regulation. Theranostics, 2018, 8, 5870-5889.	4.6	62

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19	Nano-herb medicine and PDT induced synergistic immunotherapy for colon cancer treatment. Biomaterials, 2021, 269, 120654.	5.7	60
20	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.	4.0	58
21	Beyond Photo: Xdynamic Therapies in Fighting Cancer. Advanced Materials, 2021, 33, e2007488.	11.1	58
22	Co-delivery of Gefitinib and chloroquine by chitosan nanoparticles for overcoming the drug acquired resistance. Journal of Nanobiotechnology, 2015, 13, 57.	4.2	57
23	Nanoparticle-based diagnostic and therapeutic systems for brain tumors. Journal of Materials Chemistry B, 2019, 7, 4734-4750.	2.9	57
24	A Proteinâ€“Polymer Bioconjugate-Coated Upconversion Nanosystem for Simultaneous Tumor Cell Imaging, Photodynamic Therapy, and Chemotherapy. ACS Applied Materials & Interfaces, 2016, 8, 32688-32698.	4.0	54
25	Programmed Sizeâ€Changeable Nanotheranostic Agents for Enhanced Imagingâ€Guided Chemo/Photodynamic Combination Therapy and Fast Elimination. Advanced Materials, 2021, 33, e2100398.	11.1	54
26	A smartphone-based quantitative detection platform of mycotoxins based on multiple-color upconversion nanoparticles. Nanoscale, 2018, 10, 15865-15874.	2.8	53
27	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, 22963-22970.	4.0	52
28	pH- and NIR light responsive nanocarriers for combination treatment of chemotherapy and photodynamic therapy. Biomaterials Science, 2016, 4, 338-345.	2.6	50
29	Exploiting the acquired vulnerability of cisplatin-resistant tumors with a hypoxia-amplifying DNA repairâ€“inhibiting (HYDRI) nanomedicine. Science Advances, 2021, 7, .	4.7	50
30	mRNA vaccines for COVID-19 and diverse diseases. Journal of Controlled Release, 2022, 345, 314-333.	4.8	50
31	PEG/RGD-modified magnetic polymeric liposomes for controlled drug release and tumor cell targeting. International Journal of Pharmaceutics, 2012, 426, 170-181.	2.6	48
32	Structural design and preparation of high-performance QD-encoded polymer beads for suspension arrays. Journal of Materials Chemistry, 2011, 21, 2169-2177.	6.7	47
33	Persistent Luminescent Nanocarrier as an Accurate Tracker in Vivo for Near Infrared-Remote Selectively Triggered Photothermal Therapy. ACS Applied Materials & Interfaces, 2016, 8, 21603-21611.	4.0	47
34	NIRâ€Remote Selected Activation Gene Expression in Living Cells by Upconverting Microrods. Advanced Materials, 2016, 28, 707-714.	11.1	44
35	Fluorescence quenching-based signal amplification on immunochromatography test strips for dual-mode sensing of two biomarkers of breast cancer. Nanoscale, 2017, 9, 18711-18722.	2.8	41
36	A human endogenous protein exerts multi-role biomimetic chemistry in synthesis of paramagnetic gold nanostructures for tumor bimodal imaging. Biomaterials, 2018, 161, 256-269.	5.7	40

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37	A Novel Targeted and Highâ€Efficiency Nanosystem for Combinational Therapy for Alzheimer's Disease. Advanced Science, 2020, 7, 1902906.	5.6	40
38	Multifunctional Nanoparticles Composed of A Poly(<scp>dl</scp>â€lactideâ€coglycolide) Core and A Paramagnetic Liposome Shell for Simultaneous Magnetic Resonance Imaging and Targeted Therapeutics. Advanced Functional Materials, 2011, 21, 1179-1186.	7.8	39
39	High-performance fluorescence-encoded magnetic microbeads as microfluidic protein chip supports for AFP detection. Analytica Chimica Acta, 2016, 939, 84-92.	2.6	38
40	An ultra-sensitive and colorimetric sensor for copper and iron based on glutathione-functionalized gold nanoclusters. Analytica Chimica Acta, 2016, 948, 73-79.	2.6	38
41	One-pot synthesis of hydrophilic ZnCuInS/ZnS quantum dots for in vivo imaging. RSC Advances, 2013, 3, 9470.	1.7	37
42	Near-Infrared Light-Excited Upconverting Persistent Nanophosphors in Vivo for Imaging-Guided Cell Therapy. ACS Applied Materials & Interfaces, 2018, 10, 19514-19522.	4.0	37
43	A synergistic cancer immunotherapy nano-system for preventing tumor growth. Chemical Engineering Journal, 2020, 380, 122472.	6.6	33
44	Tumor Exosome Mimicking Nanoparticles for Tumor Combinatorial Chemo-Photothermal Therapy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 1010.	2.0	33
45	Autoregenerative redox nanoparticles as an antioxidant and glycation inhibitor for palliation of diabetic cataracts. Nanoscale, 2019, 11, 13126-13138.	2.8	31
46	Light-Responsive Nanomaterials for Cancer Therapy. Engineering, 2022, 13, 18-30.	3.2	31
47	Near-infrared light remotely up-regulate autophagy with spatiotemporal precision via upconversion optogenetic nanosystem. Biomaterials, 2019, 199, 22-31.	5.7	30
48	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.	5.0	30
49	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.	6.7	29
50	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.	4.0	29
51	Optotheranostic Nanosystem with Phone Visual Diagnosis and Optogenetic Microbial Therapy for Ulcerative Colitis At-Home Care. ACS Nano, 2021, 15, 7040-7052.	7.3	29
52	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.	6.7	28
53	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.	1.7	28
54	Applications of nanotechnology in virus detection, tracking, and infection mechanisms. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1700.	3.3	28

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55	Light-Sensitive Lactococcus lactis for Microbeâ€“Gutâ€“Brain Axis Regulating via Upconversion Optogenetic Micro-Nano System. ACS Nano, 2022, 16, 6049-6063.	7.3	28
56	Lipid coated upconverting nanoparticles as NIR remote controlled transducer for simultaneous photodynamic therapy and cell imaging. International Journal of Pharmaceutics, 2014, 466, 307-313.	2.6	27
57	Radionuclide therapy using 131I-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, 619-632.	1.2	27
58	Multifunctional Microspheres Encoded with Upconverting Nanocrystals and Magnetic Nanoparticles for Rapid Separation and Immunoassays. ACS Applied Materials & Interfaces, 2016, 8, 745-753.	4.0	27
59	Targeted delivery of tungsten oxide nanoparticles for multifunctional anti-tumor therapy via macrophages. Biomaterials Science, 2018, 6, 1379-1389.	2.6	27
60	An NIR-responsive mesoporous silica nanosystem for synergetic photothermal-immunoenhancement therapy of hepatocellular carcinoma. Journal of Materials Chemistry B, 2020, 8, 251-259.	2.9	27
61	Engineered NIR light-responsive bacteria as anti-tumor agent for targeted and precise cancer therapy. Chemical Engineering Journal, 2021, 426, 130842.	6.6	27
62	A Highly Photostable Hyperbranched Polyglycerolâ€Based NIR Fluorescence Nanoplatform for Mitochondriaâ€Specific Cell Imaging. Advanced Healthcare Materials, 2016, 5, 2214-2226.	3.9	26
63	Construction of near infrared light triggered nanodumbbell for cancer photodynamic therapy. Journal of Colloid and Interface Science, 2017, 494, 363-372.	5.0	25
64	Shape Coding Microhydrogel for a Real-Time Mycotoxin Detection System Based on Smartphones. ACS Applied Materials & Interfaces, 2019, 11, 8584-8590.	4.0	25
65	Enzyme-free colorimetric detection of MicroRNA-21 using metal chelator as label for signal generation and amplification. Analytica Chimica Acta, 2019, 1052, 145-152.	2.6	25
66	Cyanobacteria-Based Bio-Oxygen Pump Promoting Hypoxia-Resistant Photodynamic Therapy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 237.	2.0	25
67	NIR light-responsive bacteria with live bio-glue coatings for precise colonization in the gut. Cell Reports, 2021, 36, 109690.	2.9	25
68	Preparation of monodisperse, superparamagnetic, luminescent, and multifunctional PGMA microspheres with amino-groups. Science Bulletin, 2008, 53, 1165-1170.	4.3	24
69	Multifunctional reduction-responsive SPIO&DOX-loaded PEGylated polymeric lipid vesicles for magnetic resonance imaging-guided drug delivery. Nanotechnology, 2016, 27, 165101.	1.3	24
70	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.	1.7	24
71	Nonenzyme Cascaded Amplification Biosensor Based on Effective Aggregation Luminescence Caused by Disintegration of Silver Nanoparticles. ACS Sensors, 2020, 5, 1912-1920.	4.0	24
72	Remote Regulation of Optogenetic Proteins by a Magnetoâ€Luminescence Microdevice. Advanced Functional Materials, 2021, 31, 2006357.	7.8	24

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73	Nano-traditional Chinese medicine: a promising strategy and its recent advances. Journal of Materials Chemistry B, 2022, 10, 2973-2994.	2.9	24
74	Functional nanocarrier for drug and gene delivery via local administration in mucosal tissues. Nanomedicine, 2018, 13, 69-88.	1.7	23
75	A Metal Chelator as a Plasmonic Signalâ€Generation Superregulator for Ultrasensitive Colorimetric Bioassays of Disease Biomarkers. Advanced Science, 2018, 5, 1800295.	5.6	23
76	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.	4.0	23
77	Construction of novel brainâ€targeting gene delivery system by natural magnetic nanoparticles. Journal of Applied Polymer Science, 2011, 121, 3446-3454.	1.3	22
78	Near-infrared persistent luminescence phosphors ZnGa2O4:Cr3+ as an accurately tracker to photothermal therapy in vivo for visual treatment. Materials Science and Engineering C, 2017, 79, 372-381.	3.8	22
79	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.	4.0	22
80	Intelligent Detection Platform for Simultaneous Detection of Multiple MiRNAs Based on Smartphone. ACS Sensors, 2019, 4, 1873-1880.	4.0	22
81	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.	5.3	22
82	Flow cytometric immunoassayÂfor aflatoxin B1 using magnetic microspheres encoded with upconverting fluorescent nanocrystals. Mikrochimica Acta, 2017, 184, 1471-1479.	2.5	21
83	Antitumor Effect of 131I-Labeled Anti-VEGFR2 Targeted Mesoporous Silica Nanoparticles in Anaplastic Thyroid Cancer. Nanoscale Research Letters, 2019, 14, 96.	3.1	21
84	An injectable hydrogel co-loading with cyanobacteria and upconversion nanoparticles for enhanced photodynamic tumor therapy. Colloids and Surfaces B: Biointerfaces, 2021, 201, 111640.	2.5	21
85	Sodium Alginate Hydrogel-Mediated Cancer Immunotherapy for Postoperative In Situ Recurrence and Metastasis. ACS Biomaterials Science and Engineering, 2021, 7, 5717-5726.	2.6	20
86	Self-aggregates of cholic acid hydrazide-dextran conjugates as drug carriers. Journal of Applied Polymer Science, 2005, 95, 487-493.	1.3	19
87	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.	3.8	19
88	Upconversion optogenetic micro-nanosystem optically controls the secretion of light-responsive bacteria for systemic immunity regulation. Communications Biology, 2020, 3, 561.	2.0	19
89	Immune Modulator and Low-Temperature PTT-Induced Synergistic Immunotherapy for Cancer Treatment. ACS Applied Bio Materials, 2021, 4, 1524-1535.	2.3	19
90	Potential of CeCl 3 @mSiO 2 nanoparticles in alleviating diabetic cataract development and progression. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1147-1155.	1.7	18

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91	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.	2.9	18
92	Background-free upconversion-encoded microspheres for mycotoxin detection based on a rapid visualization method. Analytical and Bioanalytical Chemistry, 2020, 412, 81-91.	1.9	18
93	Natural Phyto-Antioxidant Albumin Nanoagents to Treat Advanced Alzheimerâ€™s Disease. ACS Applied Materials & Interfaces, 2021, 13, 30373-30382.	4.0	18
94	Development of monodispersed and functional magnetic polymeric liposomes via simple liposome method. Journal of Nanoparticle Research, 2010, 12, 1723-1732.	0.8	17
95	Immune fluorescence test strips based on quantum dots for rapid and quantitative detection of carcino-embryonic antigen. Chinese Chemical Letters, 2017, 28, 1881-1884.	4.8	17
96	Astragaloside III Enhances Anti-Tumor Response of NK Cells by Elevating NKG2D and IFN-Î³. Frontiers in Pharmacology, 2019, 10, 898.	1.6	17
97	Construction of ICG encapsulated W18O49@MSN as a fluorescence carrier for real-time tracked photothermal therapy. Materials Science and Engineering C, 2017, 80, 102-109.	3.8	16
98	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.	5.3	15
99	Ultrasmall bimodal nanomolecules enhanced tumor angiogenesis contrast with endothelial cell targeting and molecular pharmacokinetics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 15, 252-263.	1.7	15
100	Blue light-triggered optogenetic system for treating uveal melanoma. Oncogene, 2020, 39, 2118-2124.	2.6	15
101	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.	6.6	15
102	NIR-Responsive Spatiotemporally Controlled Cyanobacteria Micro-Nanodevice for Intensity-Modulated Chemotherapeutics in Rheumatoid Arthritis. ACS Applied Materials & Interfaces, 2021, 13, 18423-18431.	4.0	15
103	A NIR-remote controlled upconverting nanoparticle: an improved tool for living cell dye-labeling. Nanotechnology, 2015, 26, 425102.	1.3	14
104	An innovative â€œunlocked mechanismâ€•by a double key avenue for one-pot detection of microRNA-21 and microRNA-141. Theranostics, 2019, 9, 279-289.	4.6	14
105	Gold nanorods-mediated efficient synergistic immunotherapy for detection and inhibition of postoperative tumor recurrence. Acta Pharmaceutica Sinica B, 2021, 11, 1978-1992.	5.7	14
106	Hydrogel microcapsules containing engineered bacteria for sustained production and release of protein drugs. Biomaterials, 2022, 287, 121619.	5.7	14
107	Microneedle patch based on molecular motor as a spatio-temporal controllable dosing strategy of L-DOPA for Parkinsonâ€™s disease. Chemical Engineering Journal, 2022, 427, 131555.	6.6	13
108	Facile single step preparation of high-performance quantum dot barcodes. Journal of Materials Chemistry, 2012, 22, 7043.	6.7	12

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109	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.	2.9	12
110	Radioiodine-labeled anti-epidermal growth factor receptor binding bovine serum albumin-polycaprolactone for targeting imaging of glioblastoma. Oncology Reports, 2017, 38, 2919-2926.	1.2	12
111	A Logic AND-Gated Sonogene Nanosystem for Precisely Regulating the Apoptosis of Tumor Cells. ACS Applied Materials & Interfaces, 2020, 12, 56692-56700.	4.0	12
112	An amplified fluorescent biosensor for Ag+ detection through the hybridization chain reactions. Colloids and Surfaces B: Biointerfaces, 2021, 202, 111686.	2.5	12
113	Precise Thermal Regulation of Engineered Bacteria Secretion for Breast Cancer Treatment In Vivo. ACS Synthetic Biology, 2022, 11, 1167-1177.	1.9	12
114	131I-labeled and DOX-loaded multifunctional nanoliposomes for radiotherapy and chemotherapy in brain gliomas. Brain Research, 2020, 1739, 145218.	1.1	11
115	Enabling AIEgens close assembly in tumor-overexpressed protein cluster for boosted image-guided cancer surgery. Science China Chemistry, 2020, 63, 1694-1702.	4.2	11
116	A fluorescent signal â€œremovalâ€•sensor via duplex-specific nuclease-aided cleavage for miRNA detection in flow cytometry. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110570.	2.5	10
117	A dual-targeted multifunctional nanoformulation for potential prevention and therapy of Alzheimer's disease. Innovation(China), 2021, 2, 100160.	5.2	10
118	A visual guide to gene/optothermal synergy therapy nanosystem using tungsten oxide. Journal of Colloid and Interface Science, 2017, 506, 460-470.	5.0	9
119	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.	1.7	9
120	Ultrasensitive lateral-flow assays based on quantum dot encapsulations with signal amplification. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	9
121	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.	4.2	9
122	CRISPR-dcas9 Optogenetic Nanosystem for the Blue Light-Mediated Treatment of Neovascular Lesions. ACS Applied Bio Materials, 2021, 4, 2502-2513.	2.3	8
123	A lateral flow strip biosensor platform based on cascade nucleic acid amplification technology for ultrasensitive detection of OSCC-associated salivary MicroRNA. Analytica Chimica Acta, 2022, 1221, 340112.	2.6	8
124	Application of upconversion luminescent-magnetic microbeads with weak background noise and facile separation in ochratoxin A detection. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	7
125	A facile method for high-performance multicolor upconversion microrods for biological encoding. Nanotechnology, 2015, 26, 455101.	1.3	6
126	Sensitive detection of Porphyromonas gingivalis based on magnetic capture and upconversion fluorescent identification with multifunctional nanospheres. European Journal of Oral Sciences, 2016, 124, 334-342.	0.7	6

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127	Reusable Bioluminescent Sensor for Ultrasensitive MicroRNA Detection Based on a Target-Introducing â€œFuel-Loadingâ€•Mechanism. ACS Applied Materials & Interfaces, 2019, 11, 38586-38594.	4.0	6
128	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.	1.7	6
129	Reversing the systemic biotoxicity of nanomaterials by downregulating ROS-related signaling pathways in the multi-organs of Zebrafish embryos. Materials Chemistry Frontiers, 2021, 5, 4231-4243.	3.2	6
130	Preparation of multi-color quantum dots and its application to immunohistochemical analysis. Science Bulletin, 2008, 53, 2077-2083.	4.3	5
131	Inhibition of myeloid differentiation factor 88 signaling mediated by histidine-grafted poly(β-amino ester) ester nanovector induces donor-specific liver allograft tolerance. International Journal of Nanomedicine, 2015, 10, 4367.	3.3	5
132	Construction of a new multifunctional insomnia drug delivery system. Chemical Engineering Journal, 2022, 430, 132633.	6.6	5
133	Spatiotemporal regulation of ubiquitin-mediated protein degradation via upconversion optogenetic nanosystem. Nano Research, 2020, 13, 3253-3260.	5.8	4
134	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.	3.2	4
135	Effect of mesoporous silica nanoparticles coâ€‘loading with 17â€‘AAG and Torin2 on anaplastic thyroid carcinoma by targeting VEGFR2. Oncology Reports, 2020, 43, 1491-1502.	1.2	4
136	Development of chromogenic detection for biomolecular analysis. View, 2022, 3, .	2.7	4
137	Accurate manipulation of optogenetic proteins with wavelength tunable femtosecond laser system. Journal of Applied Physics, 2019, 125, 163105.	1.1	2
138	NIR-triggered engineered photosynthetic microâ€“nanodevice for reversing the hypoxic tumor immunosuppressive microenvironment. Materials Chemistry Frontiers, 2021, 5, 2234-2246.	3.2	2
139	Bacteria-based nanosystems for enhanced antitumor therapy. Science China Life Sciences, 2021, , 1.	2.3	2
140	MicroRNA-Responsive DNA-Programmed Nanomedicine with Controllability of Cascaded Events for Cancer Therapy Enhancement. ACS Macro Letters, 2021, 10, 654-661.	2.3	1
141	High-efficient inhibition of recognition in allorejection via a pMyD88/liposomes complex. RSC Advances, 2015, 5, 13107-13111.	1.7	0
142	Intracellular delivery of CII TA genes by polycationic liposomes for suppressed immune response of dendritic cells. RSC Advances, 2015, 5, 44068-44073.	1.7	0
143	Transactivating-transduction protein-polyethylene glycol modified liposomes traverse the blood-spinal cord and blood-brain barriers. Neural Regeneration Research, 2012, 7, 2784-92.	1.6	0