

# Jin Chang

## 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.

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 | Development of chromogenic detection for biomolecular analysis. <i>View</i> , <b>2022</b> , 3, 20200191  | 7.8  | 0         |
| 136 | Microneedle patch based on molecular motor as a spatio-temporal controllable dosing strategy of L-DOPA for Parkinson's disease. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 131555                            | 14.7 | 0         |
| 135 | mRNA vaccines for COVID-19 and diverse diseases.. <i>Journal of Controlled Release</i> , <b>2022</b> , 345, 314-333  | 11.7 | 9         |
| 134 | Near-infrared-II photothermal ultra-small carbon dots promoting anticancer efficiency by enhancing tumor penetration.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 616, 595-604                        | 9.3  | 3         |
| 133 | Hydrogel microcapsules containing engineered bacteria for sustained production and release of protein drugs. <i>Biomaterials</i> , <b>2022</b> , 121619  | 15.6 | 2         |
| 132 | Mitochondria-targeted nanoparticles in treatment of neurodegenerative diseases. <i>Exploration</i> , <b>2021</b> , 1, 20210115   |      | 8         |
| 131 | Nano-herb medicine and PDT induced synergistic immunotherapy for colon cancer treatment. <i>Biomaterials</i> , <b>2021</b> , 269, 120654   | 15.6 | 23        |
| 130 | Exploiting the acquired vulnerability of cisplatin-resistant tumors with a hypoxia-amplifying DNA repair-inhibiting (HYDRI) nanomedicine. <i>Science Advances</i> , <b>2021</b> , 7,                                       | 14.3 | 13        |
| 129 | Optotheranostic Nanosystem with Phone Visual Diagnosis and Optogenetic Microbial Therapy for Ulcerative Colitis At-Home Care. <i>ACS Nano</i> , <b>2021</b> , 15, 7040-7052  | 16.7 | 6         |
| 128 | Programmed Size-Changeable Nanotheranostic Agents for Enhanced Imaging-Guided Chemo/Photodynamic Combination Therapy and Fast Elimination. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100398                          | 24   | 13        |
| 127 | NIR-Responsive Spatiotemporally Controlled Cyanobacteria Micro-Nanodevice for Intensity-Modulated Chemotherapeutics in Rheumatoid Arthritis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 18423-18431 | 9.5  | 3         |
| 126 | Beyond Photo: Xdynamic Therapies in Fighting Cancer. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007488  | 24   | 16        |
| 125 | MicroRNA-Responsive DNA-Programmed Nanomedicine with Controllability of Cascaded Events for Cancer Therapy Enhancement.. <i>ACS Macro Letters</i> , <b>2021</b> , 10, 654-661  | 6.6  | 0         |
| 124 | An injectable hydrogel co-loading with cyanobacteria and upconversion nanoparticles for enhanced photodynamic tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 201, 111640                     | 6    | 7         |
| 123 | Natural Phyto-Antioxidant Albumin Nanoagents to Treat Advanced Alzheimer's Disease. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 30373-30382  | 9.5  | 3         |
| 122 | An amplified fluorescent biosensor for Ag detection through the hybridization chain reactions. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 202, 111686   | 6    | 4         |
| 121 | Gold nanorods-mediated efficient synergistic immunotherapy for detection and inhibition of postoperative tumor recurrence. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 1978-1992                                | 15.5 | 5         |

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| 120 | Remote Regulation of Optogenetic Proteins by a Magneto-Luminescence Microdevice. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2006357  | 15.6 | 6  |
| 119 | Sendai virus acts as a nano-booster to excite dendritic cells for enhancing the efficacy of CD47-directed immune checkpoint inhibitors against breast carcinoma. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 223-237 | 7.8  | 2  |
| 118 | NIR-triggered engineered photosynthetic microfluidic device for reversing the hypoxic tumor immunosuppressive microenvironment. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 2234-2246                                | 7.8  | 2  |
| 117 | Applications of nanotechnology in virus detection, tracking, and infection mechanisms. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2021</b> , 13, e1700                                      | 9.2  | 5  |
| 116 | CRISPR-dcas9 Optogenetic Nanosystem for the Blue Light-Mediated Treatment of Neovascular Lesions.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2502-2513   | 4.1  | 1  |
| 115 | Membrane-destabilizing ionizable lipid empowered imaging-guided siRNA delivery and cancer treatment. <i>Exploration</i> , <b>2021</b> , 1, 35-49   |      | 31 |
| 114 | CRISPR/Cas9 nanoeditor of double knockout large fragments of E6 and E7 oncogenes for reversing drugs resistance in cervical cancer. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 231                                  | 9.4  | 0  |
| 113 | Construction of a new multifunctional insomnia drug delivery system. <i>Chemical Engineering Journal</i> , <b>2021</b> , 132633  | 14.7 | 0  |
| 112 | NIR light-responsive bacteria with live bio-glue coatings for precise colonization in the gut. <i>Cell Reports</i> , <b>2021</b> , 36, 109690  | 10.6 | 4  |
| 111 | Bacteria-based nanosystems for enhanced antitumor therapy. <i>Science China Life Sciences</i> , <b>2021</b> , 1  | 8.5  | 1  |
| 110 | A dual-targeted multifunctional nanoformulation for potential prevention and therapy of Alzheimer's disease.. <i>Innovation(China)</i> , <b>2021</b> , 2, 100160   | 17.8 | 3  |
| 109 | Engineered NIR light-responsive bacteria as anti-tumor agent for targeted and precise cancer therapy. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 130842  | 14.7 | 8  |
| 108 | Immune Modulator and Low-Temperature PTT-Induced Synergistic Immunotherapy for Cancer Treatment.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 1524-1535  | 4.1  | 5  |
| 107 | A Logic AND-Gated Sonogene Nanosystem for Precisely Regulating the Apoptosis of Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56692-56700   | 9.5  | 5  |
| 106 | Enabling AIEgens close assembly in tumor-overexpressed protein cluster for boosted image-guided cancer surgery. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1694-1702   | 7.9  | 7  |
| 105 | A novel analytical principle using AP site-mediated T7 RNA polymerase transcription regulation for sensing uracil-DNA glycosylase activity. <i>Analyst, The</i> , <b>2020</b> , 145, 4321-4327                                   | 5    | 2  |
| 104 | Antioxidant and anti-glycated TAT-modified platinum nanoclusters as eye drops for non-invasive and painless relief of diabetic cataract in rats. <i>Chemical Engineering Journal</i> , <b>2020</b> , 398, 125436                 | 14.7 | 3  |
| 103 | Cyanobacteria-Based Bio-Oxygen Pump Promoting Hypoxia-Resistant Photodynamic Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 237  | 5.8  | 12 |

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| 102 | Nonenzyme Cascaded Amplification Biosensor Based on Effective Aggregation Luminescence Caused by Disintegration of Silver Nanoparticles. <i>ACS Sensors</i> , <b>2020</b> , 5, 1912-1920   | 9.2  | 13 |
| 101 | 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. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 165, 112278 | 11.8 | 7  |
| 100 | Construction of a Novel Biosensor Based on the Self-assembly of Dual-Enzyme Cascade Amplification-Induced Copper Nanoparticles for Ultrasensitive Detection of MicroRNA153. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 34130-34136                  | 9.5  | 11 |
| 99  | An efficient delivery of photosensitizers and hypoxic prodrugs for a tumor combination therapy by membrane camouflage nanoparticles. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 2876-2886  | 7.3  | 11 |
| 98  | Background-free upconversion-encoded microspheres for mycotoxin detection based on a rapid visualization method. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 81-91  | 4.4  | 13 |
| 97  | Effect of mesoporous silica nanoparticles co-loading with 17-AAG and Torin2 on anaplastic thyroid carcinoma by targeting VEGFR2. <i>Oncology Reports</i> , <b>2020</b> , 43, 1491-1502   | 3.5  | 1  |
| 96  | A fluorescent signal "removal" sensor via duplex-specific nuclease-aided cleavage for miRNA detection in flow cytometry. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 185, 110570   | 6    | 7  |
| 95  | An NIR-responsive mesoporous silica nanosystem for synergetic photothermal-immunoenhancement therapy of hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 251-259   | 7.3  | 19 |
| 94  | Blue light-triggered optogenetic system for treating uveal melanoma. <i>Oncogene</i> , <b>2020</b> , 39, 2118-2124   | 9.2  | 7  |
| 93  | Tumor Exosome Mimicking Nanoparticles for Tumor Combinatorial Chemo-Photothermal Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 1010   | 5.8  | 6  |
| 92  | Upconversion optogenetic micro-nanosystem optically controls the secretion of light-responsive bacteria for systemic immunity regulation. <i>Communications Biology</i> , <b>2020</b> , 3, 561   | 6.7  | 3  |
| 91  | A Novel Targeted and High-Efficiency Nanosystem for Combinational Therapy for Alzheimer's Disease. <i>Advanced Science</i> , <b>2020</b> , 7, 1902906  | 13.6 | 14 |
| 90  | Spatiotemporal regulation of ubiquitin-mediated protein degradation via upconversion optogenetic nanosystem. <i>Nano Research</i> , <b>2020</b> , 13, 3253-3260  | 10   | 0  |
| 89  | Paper-Based Strip for Ultrasensitive Detection of OSCC-Associated Salivary MicroRNA via CRISPR/Cas12a Coupling with IS-Primer Amplification Reaction. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13336-13342  | 7.8  | 28 |
| 88  | I-labeled and DOX-loaded multifunctional nanoliposomes for radiotherapy and chemotherapy in brain gliomas. <i>Brain Research</i> , <b>2020</b> , 1739, 145218  | 3.7  | 7  |
| 87  | A synergistic cancer immunotherapy nano-system for preventing tumor growth. <i>Chemical Engineering Journal</i> , <b>2020</b> , 380, 122472  | 14.7 | 26 |
| 86  | Astragaloside III Enhances Anti-Tumor Response of NK Cells by Elevating NKG2D and IFN- $\gamma$ . <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 898   | 5.6  | 9  |
| 85  | Reusable Bioluminescent Sensor for Ultrasensitive MicroRNA Detection Based on a Target-Introducing "Fuel-Loading" Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 38586-38594   | 9.5  | 3  |

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| 84 | Near-infrared light remotely up-regulate autophagy with spatiotemporal precision via upconversion optogenetic nanosystem. <i>Biomaterials</i> , <b>2019</b> , 199, 22-31   | 15.6 | 18 |
| 83 | Autoregenerative redox nanoparticles as an antioxidant and glycation inhibitor for palliation of diabetic cataracts. <i>Nanoscale</i> , <b>2019</b> , 11, 13126-13138  | 7.7  | 19 |
| 82 | Scavenger receptor-AI-targeted ultrasmall gold nanoclusters facilitate in vivo MR and ex vivo fluorescence dual-modality visualization of vulnerable atherosclerotic plaques. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 19, 81-94 | 6    | 11 |
| 81 | Accurate manipulation of optogenetic proteins with wavelength tunable femtosecond laser system. <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 163105  | 2.5  | 2  |
| 80 | Antitumor Effect of I-Labeled Anti-VEGFR2 Targeted Mesoporous Silica Nanoparticles in Anaplastic Thyroid Cancer. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 96  | 5    | 13 |
| 79 | Shape Coding Microhydrogel for a Real-Time Mycotoxin Detection System Based on Smartphones. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 8584-8590  | 9.5  | 14 |
| 78 | Nanoparticle-based diagnostic and therapeutic systems for brain tumors. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 4734-4750   | 7.3  | 40 |
| 77 | Intelligent Detection Platform for Simultaneous Detection of Multiple MiRNAs Based on Smartphone. <i>ACS Sensors</i> , <b>2019</b> , 4, 1873-1880  | 9.2  | 14 |
| 76 | An innovative "unlocked mechanism" by a double key avenue for one-pot detection of microRNA-21 and microRNA-141. <i>Theranostics</i> , <b>2019</b> , 9, 279-289  | 12.1 | 9  |
| 75 | Enzyme-free colorimetric detection of MicroRNA-21 using metal chelator as label for signal generation and amplification. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1052, 145-152   | 6.6  | 13 |
| 74 | Ultrasmall bimodal nanomolecules enhanced tumor angiogenesis contrast with endothelial cell targeting and molecular pharmacokinetics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 15, 252-263                                       | 6    | 10 |
| 73 | Light-Triggered Retention and Cascaded Therapy of Albumin-Based Theranostic Nanomedicines to Alleviate Tumor Adaptive Treatment Tolerance. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1707291  | 15.6 | 51 |
| 72 | Ultra-sensitive detection of microRNA-21 based on duplex-specific nuclease-assisted target recycling and horseradish peroxidase cascading signal amplification. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 263, 289-297                              | 8.5  | 17 |
| 71 | Targeted delivery of tungsten oxide nanoparticles for multifunctional anti-tumor therapy via macrophages. <i>Biomaterials Science</i> , <b>2018</b> , 6, 1379-1389   | 7.4  | 24 |
| 70 | Effective Bioactivity Retention of Low-Concentration Antibodies on HFBI-Modified Fluorescence ICTS for Sensitive and Rapid Detection of PSA. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 14549-14558   | 14.5 | 21 |
| 69 | A human endogenous protein exerts multi-role biomimetic chemistry in synthesis of paramagnetic gold nanostructures for tumor bimodal imaging. <i>Biomaterials</i> , <b>2018</b> , 161, 256-269   | 15.6 | 35 |
| 68 | Simple and Sensitive Quantification of MicroRNAs via PS@Au Microspheres-Based DNA Probes and DSN-Assisted Signal Amplification Platform. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 3324-3332   | 9.5  | 43 |
| 67 | High sensitive and multiple detection of acute myocardial infarction biomarkers based on a dual-readout immunochromatography test strip. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 1257-1266                                  | 6    | 17 |

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| 66 | A smartphone-based quantitative detection platform of mycotoxins based on multiple-color upconversion nanoparticles. <i>Nanoscale</i> , <b>2018</b> , 10, 15865-15874   | 7.7  | 34 |
| 65 | Human HSP70 Promoter-Based Prussian Blue Nanotheranostics for Thermo-Controlled Gene Therapy and Synergistic Photothermal Ablation. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802026  | 15.6 | 47 |
| 64 | Functional nanocarrier for drug and gene delivery via local administration in mucosal tissues. <i>Nanomedicine</i> , <b>2018</b> , 13, 69-88  | 5.6  | 18 |
| 63 | Radiation-responsive scintillating nanotheranostics for reduced hypoxic radioresistance under ROS/NO-mediated tumor microenvironment regulation. <i>Theranostics</i> , <b>2018</b> , 8, 5870-5889   | 12.1 | 38 |
| 62 | A Metal Chelator as a Plasmonic Signal-Generation Superregulator for Ultrasensitive Colorimetric Bioassays of Disease Biomarkers. <i>Advanced Science</i> , <b>2018</b> , 5, 1800295  | 13.6 | 15 |
| 61 | Ultrasensitive lateral-flow assays based on quantum dot encapsulations with signal amplification. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1   | 2.3  | 6  |
| 60 | Near-Infrared Light-Excited Upconverting Persistent Nanophosphors in Vivo for Imaging-Guided Cell Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 19514-19522  | 9.5  | 21 |
| 59 | PB@Au Core-Satellite Multifunctional Nanotheranostics for Magnetic Resonance and Computed Tomography Imaging in Vivo and Synergetic Photothermal and Radiosensitive Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 1263-1272 | 9.5  | 53 |
| 58 | Potential of CeCl@mSiO nanoparticles in alleviating diabetic cataract development and progression. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1147-1155   | 6    | 13 |
| 57 | Flow cytometric immunoassay for aflatoxin B1 using magnetic microspheres encoded with upconverting fluorescent nanocrystals. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 1471-1479  | 5.8  | 21 |
| 56 | Enhanced Fluorescence ELISA Based on HAT Triggering Fluorescence "Turn-on" with Enzyme-Antibody Dual Labeled AuNP Probes for Ultrasensitive Detection of AFP and HBsAg. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 9369-9377      | 9.5  | 63 |
| 55 | Application of upconversion luminescent-magnetic microbeads with weak background noise and facile separation in ochratoxin A detection. <i>Journal of Nanoparticle Research</i> , <b>2017</b> , 19, 1   | 2.3  | 6  |
| 54 | Construction of near infrared light triggered nanodumbbell for cancer photodynamic therapy. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 494, 363-372  | 9.3  | 19 |
| 53 | Controlled co-release of doxorubicin and reactive oxygen species for synergistic therapy by NIR remote-triggered nanoimpellers. <i>Materials Science and Engineering C</i> , <b>2017</b> , 74, 94-102   | 8.3  | 16 |
| 52 | Near-infrared persistent luminescence phosphors ZnGaO:Cr as an accurately tracker to photothermal therapy in vivo for visual treatment. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 372-381  | 8.3  | 14 |
| 51 | The construction of a novel nucleic acids detection microplatform based on the NSET for one-step detecting TK1-DNA and microRNA-21. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 97, 26-33  | 11.8 | 11 |
| 50 | Construction of ICG encapsulated WO@MSN as a fluorescence carrier for real-time tracked photothermal therapy. <i>Materials Science and Engineering C</i> , <b>2017</b> , 80, 102-109  | 8.3  | 13 |
| 49 | Near-Infrared Light Triggered Upconversion Optogenetic Nanosystem for Cancer Therapy. <i>ACS Nano</i> , <b>2017</b> , 11, 11898-11907   | 16.7 | 69 |

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| 48 | A visual guide to gene/optothermal synergy therapy nanosystem using tungsten oxide. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 506, 460-470  | 9.3  | 8   |
| 47 | Immune fluorescence test strips based on quantum dots for rapid and quantitative detection of carcino-embryonic antigen. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 1881-1884  | 8.1  | 10  |
| 46 | Fluorescence quenching-based signal amplification on immunochromatography test strips for dual-mode sensing of two biomarkers of breast cancer. <i>Nanoscale</i> , <b>2017</b> , 9, 18711-18722   | 7.7  | 31  |
| 45 | Micro- and nano-carrier systems: The non-invasive and painless local administration strategies for disease therapy in mucosal tissues. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 153-171                             | 6.6  | 8   |
| 44 | Radioiodine-labeled anti-epidermal growth factor receptor binding bovine serum albumin-polycaprolactone for targeting imaging of glioblastoma. <i>Oncology Reports</i> , <b>2017</b> , 38, 2919-2926  | 3.5  | 9   |
| 43 | High-performance fluorescence-encoded magnetic microbeads as microfluidic protein chip supports for AFP detection. <i>Analytica Chimica Acta</i> , <b>2016</b> , 939, 84-92   | 6.6  | 33  |
| 42 | Reverse Fluorescence Enhancement and Colorimetric Bimodal Signal Readout Immunochromatography Test Strip for Ultrasensitive Large-Scale Screening and Postoperative Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 22963-70 | 9.5  | 38  |
| 41 | Near-Infrared Emission CuInS/ZnS Quantum Dots: All-in-One Theranostic Nanomedicines with Intrinsic Fluorescence/Photoacoustic Imaging for Tumor Phototherapy. <i>ACS Nano</i> , <b>2016</b> , 10, 9637-9645   | 16.7 | 179 |
| 40 | An ultra-sensitive and colorimetric sensor for copper and iron based on glutathione-functionalized gold nanoclusters. <i>Analytica Chimica Acta</i> , <b>2016</b> , 948, 73-79  | 6.6  | 30  |
| 39 | Albumin-Bioinspired Gd:CuS Nanotheranostic Agent for In Vivo Photoacoustic/Magnetic Resonance Imaging-Guided Tumor-Targeted Photothermal Therapy. <i>ACS Nano</i> , <b>2016</b> , 10, 10245-10257   | 16.7 | 286 |
| 38 | Size-Tuning Ionization To Optimize Gold Nanoparticles for Simultaneous Enhanced CT Imaging and Radiotherapy. <i>ACS Nano</i> , <b>2016</b> , 10, 2536-48  | 16.7 | 193 |
| 37 | Multifunctional reduction-responsive SPIO&DOX-loaded PEGylated polymeric lipid vesicles for magnetic resonance imaging-guided drug delivery. <i>Nanotechnology</i> , <b>2016</b> , 27, 165101   | 3.4  | 22  |
| 36 | Multifunctional Microspheres Encoded with Upconverting Nanocrystals and Magnetic Nanoparticles for Rapid Separation and Immunoassays. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 745-53   | 9.5  | 23  |
| 35 | pH- and NIR light responsive nanocarriers for combination treatment of chemotherapy and photodynamic therapy. <i>Biomaterials Science</i> , <b>2016</b> , 4, 338-45   | 7.4  | 46  |
| 34 | Multimodality imaging in nanomedicine and nanotheranostics. <i>Cancer Biology and Medicine</i> , <b>2016</b> , 13, 339-348  | 5.2  | 68  |
| 33 | Sensitive detection of Porphyromonas gingivalis based on magnetic capture and upconversion fluorescent identification with multifunctional nanospheres. <i>European Journal of Oral Sciences</i> , <b>2016</b> , 124, 334-42                              | 2.3  | 3   |
| 32 | A Highly Photostable Hyperbranched Polyglycerol-Based NIR Fluorescence Nanoplatfom for Mitochondria-Specific Cell Imaging. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2214-26  | 10.1 | 23  |
| 31 | NIR-Remote Selected Activation Gene Expression in Living Cells by Upconverting Microrods. <i>Advanced Materials</i> , <b>2016</b> , 28, 707-14  | 24   | 31  |

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|----|--|-----|-----|
| 30 | A Protein-Polymer Bioconjugate-Coated Upconversion Nanosystem for Simultaneous Tumor Cell Imaging, Photodynamic Therapy, and Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32688-32698  | 9.5 | 45  |
| 29 | Radionuclide therapy using $^{67}\text{Ga}$ -labeled anti-epidermal growth factor receptor-targeted nanoparticles suppresses cancer cell growth caused by EGFR overexpression. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2016</b> , 142, 619-32 | 4.9 | 22  |
| 28 | Persistent Luminescent Nanocarrier as an Accurate Tracker in Vivo for Near Infrared-Remote Selectively Triggered Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 21603-11   | 9.5 | 37  |
| 27 | Synthesis of aqueous AgInS/ZnS@PEI as a self-indicating nonviral vector for plasmid DNA self-tracking delivery. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 8518-8527   | 7.3 | 10  |
| 26 | Facile Synthesis of Gd-Cu-In-S/ZnS Bimodal Quantum Dots with Optimized Properties for Tumor Targeted Fluorescence/MR In Vivo Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 18759-68  | 9.5 | 62  |
| 25 | Intracellular delivery of CII TA genes by polycationic liposomes for suppressed immune response of dendritic cells. <i>RSC Advances</i> , <b>2015</b> , 5, 44068-44073   | 3.7 |     |
| 24 | Co-delivery of Gefitinib and chloroquine by chitosan nanoparticles for overcoming the drug acquired resistance. <i>Journal of Nanobiotechnology</i> , <b>2015</b> , 13, 57   | 9.4 | 40  |
| 23 | Inhibition of myeloid differentiation factor 88 signaling mediated by histidine-grafted poly( $\epsilon$ -amino ester) ester nanovector induces donor-specific liver allograft tolerance. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 4367-82 | 7.3 | 2   |
| 22 | High-efficient inhibition of recognition in allorejection via a pMyD88/liposomes complex. <i>RSC Advances</i> , <b>2015</b> , 5, 13107-13111   | 3.7 |     |
| 21 | A NIR-remote controlled upconverting nanoparticle: an improved tool for living cell dye-labeling. <i>Nanotechnology</i> , <b>2015</b> , 26, 425102   | 3.4 | 13  |
| 20 | A facile method for high-performance multicolor upconversion microrods for biological encoding. <i>Nanotechnology</i> , <b>2015</b> , 26, 455101   | 3.4 | 5   |
| 19 | Rapid and quantitative detection of prostate specific antigen with a quantum dot nanobeads-based immunochromatography test strip. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 6406-14   | 9.5 | 104 |
| 18 | Color Tunable Gd-Zn-Cu-In-S/ZnS Quantum Dots for Dual Modality Magnetic Resonance and Fluorescence Imaging. <i>Nano Research</i> , <b>2014</b> , 7, 1581-1591  | 10  | 59  |
| 17 | Lipid coated upconverting nanoparticles as NIR remote controlled transducer for simultaneous photodynamic therapy and cell imaging. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 466, 307-13  | 6.5 | 23  |
| 16 | One-pot synthesis of hydrophilic ZnCuInS/ZnS quantum dots for in vivo imaging. <i>RSC Advances</i> , <b>2013</b> , 3, 9470   | 3.7 | 34  |
| 15 | PEG/RGD-modified magnetic polymeric liposomes for controlled drug release and tumor cell targeting. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 426, 170-181   | 6.5 | 41  |
| 14 | An effective modified method to prepare highly luminescent, highly stable water-soluble quantum dots and its preliminary application in immunoassay. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 462-469   |     | 25  |
| 13 | Facile single step preparation of high-performance quantum dot barcodes. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 7043  |     | 11  |



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| 12 | Transactivating-transduction protein-polyethylene glycol modified liposomes traverse the blood-spinal cord and blood-brain barriers. <i>Neural Regeneration Research</i> , <b>2012</b> , 7, 2784-92  | 4.5  |     |
| 11 | Quantum dot-based immunochromatography test strip for rapid, quantitative and sensitive detection of alpha fetoprotein. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 30, 145-50  | 11.8 | 141 |
| 10 | Multifunctional Nanoparticles Composed of A Poly( dl-lactide-coglycolide) Core and A Paramagnetic Liposome Shell for Simultaneous Magnetic Resonance Imaging and Targeted Therapeutics. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 1179-1186 | 15.6 | 35  |
| 9  | Construction of novel brain-targeting gene delivery system by natural magnetic nanoparticles. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 3446-3454   | 2.9  | 18  |
| 8  | Structural design and preparation of high-performance QD-encoded polymer beads for suspension arrays. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 2169-2177  |      | 45  |
| 7  | An efficient method for preparing high-performance multifunctional polymer beads simultaneously incorporated with magnetic nanoparticles and quantum dots. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 12520                                 |      | 23  |
| 6  | Tat-BMPs-PAMAM conjugates enhance therapeutic effect of small interference RNA on U251 glioma cells in vitro and in vivo. <i>Human Gene Therapy</i> , <b>2010</b> , 21, 417-26   | 4.8  | 82  |
| 5  | Development of monodispersed and functional magnetic polymeric liposomes via simple liposome method. <i>Journal of Nanoparticle Research</i> , <b>2010</b> , 12, 1723-1732   | 2.3  | 15  |
| 4  | Preparation of monodisperse, superparamagnetic, luminescent, and multifunctional PGMA microspheres with amino-groups. <i>Science Bulletin</i> , <b>2008</b> , 53, 1165-1170  | 10.6 | 14  |
| 3  | Preparation of multi-color quantum dots and its application to immunohistochemical analysis. <i>Science Bulletin</i> , <b>2008</b> , 53, 2077-2083   | 10.6 | 4   |
| 2  | Self-aggregates of cholic acid hydrazide-dextran conjugates as drug carriers. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 95, 487-493  | 2.9  | 17  |
| 1  | Reversing the systemic biotoxicity of nanomaterials by downregulating ROS-related signaling pathways in the multi-organs of Zebrafish embryos. <i>Materials Chemistry Frontiers</i> ,  | 7.8  | 1   |