

Guimiao Lin

List of Publications by Citations

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57
papers

1,336
citations

21
h-index

35
g-index

61
ext. papers

1,588
ext. citations

7
avg. IF

4.34
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 57 | Functionalized quantum dots for biosensing and bioimaging and concerns on toxicity. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 2786-99 | 9.5 | 244 |
| 56 | A Light-Driven Therapy of Pancreatic Adenocarcinoma Using Gold Nanorods-Based Nanocarriers for Co-Delivery of Doxorubicin and siRNA. <i>Theranostics</i> , 2015 , 5, 818-33 | 12.1 | 84 |
| 55 | In vivo toxicity assessment of non-cadmium quantum dots in BALB/c mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 341-50 | 6 | 69 |
| 54 | PEGylated Phospholipid Micelle-Encapsulated Near-Infrared PbS Quantum Dots for in vitro and in vivo Bioimaging. <i>Theranostics</i> , 2012 , 2, 723-33 | 12.1 | 57 |
| 53 | Immunotoxicity assessment of CdSe/ZnS quantum dots in macrophages, lymphocytes and BALB/c mice. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 10 | 9.4 | 52 |
| 52 | Non-viral gene therapy using multifunctional nanoparticles: Status, challenges, and opportunities. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 133-152 | 23.2 | 47 |
| 51 | IFITM1 promotes the metastasis of human colorectal cancer via CAV-1. <i>Cancer Letters</i> , 2015 , 368, 135-143 | 9 | 46 |
| 50 | Biodegradable Polymer-Coated Multifunctional Graphene Quantum Dots for Light-Triggered Synergetic Therapy of Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2768-2781 | 9.5 | 39 |
| 49 | The Reproductive Toxicity of CdSe/ZnS Quantum Dots on the in vivo Ovarian Function and in vitro Fertilization. <i>Scientific Reports</i> , 2016 , 6, 37677 | 4.9 | 38 |
| 48 | Analysis of Pirlimycin Residues in Beef Muscle, Milk, and Honey by a Biotin-Streptavidin-Amplified Enzyme-Linked Immunosorbent Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 364-70 | 5.7 | 34 |
| 47 | Cytotoxicity of InP/ZnS Quantum Dots With Different Surface Functional Groups Toward Two Lung-Derived Cell Lines. <i>Frontiers in Pharmacology</i> , 2018 , 9, 763 | 5.6 | 34 |
| 46 | Synthesis of luminescent near-infrared AgInS2 nanocrystals as optical probes for in vivo applications. <i>Theranostics</i> , 2013 , 3, 109-15 | 12.1 | 34 |
| 45 | Preparation of biofunctionalized quantum dots using microfluidic chips for bioimaging. <i>Analyst</i> , 2014 , 139, 4681-90 | 5 | 31 |
| 44 | Biodegradable nanocapsules as siRNA carriers for mutant K-Ras gene silencing of human pancreatic carcinoma cells. <i>Small</i> , 2013 , 9, 2757-63 | 11 | 31 |
| 43 | Aggregation-induced emission (AIE) dye loaded polymer nanoparticles for gene silencing in pancreatic cancer and their in vitro and in vivo biocompatibility evaluation. <i>Nano Research</i> , 2015 , 8, 1563-1576 | 10.1 | 30 |
| 42 | Folic acid-conjugated organically modified silica nanoparticles for enhanced targeted delivery in cancer cells and tumor in vivo. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6081-6093 | 7.3 | 28 |
| 41 | Biodegradable nanocarriers for small interfering ribonucleic acid (siRNA) co-delivery strategy increase the chemosensitivity of pancreatic cancer cells to gemcitabine. <i>Nano Research</i> , 2017 , 10, 3049-3067 | 10.1 | 27 |

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| 40 | An electrochemically actuated MEMS device for individualized drug delivery: an in vitro study. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1170-8 | 10.1 | 24 |
| 39 | The Ultrasmall Biocompatible CuS@BSA Nanoparticle and Its Photothermal Effects. <i>Frontiers in Pharmacology</i> , 2019 , 10, 141 | 5.6 | 23 |
| 38 | Assembling Mn:ZnSe quantum dots-siRNA nanoplexes for gene silencing in tumor cells. <i>Biomaterials Science</i> , 2015 , 3, 192-202 | 7.4 | 22 |
| 37 | Quantum Dots-siRNA Nanoplexes for Gene Silencing in Central Nervous System Tumor Cells. <i>Frontiers in Pharmacology</i> , 2017 , 8, 182 | 5.6 | 22 |
| 36 | A Dual-Color Quantum Dots Encoded Frit-Based Immunoassay for Visual Detection of Aflatoxin M and Pirlimycin Residues in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 1822-1828 | 5.7 | 21 |
| 35 | Biodegradable nanoparticle-mediated K-ras down regulation for pancreatic cancer gene therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2163-2172 | 7.3 | 20 |
| 34 | Passive tumor targeting and imaging by using mercaptosuccinic acid-coated near-infrared quantum dots. <i>International Journal of Nanomedicine</i> , 2015 , 10, 335-45 | 7.3 | 18 |
| 33 | Biodegradable nanoparticles as siRNA carriers for in vivo gene silencing and pancreatic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3327-3337 | 7.3 | 17 |
| 32 | Toxicity Evaluation of PEGylated CuInS/ZnS Quantum Dots in BALB/c Mice. <i>Frontiers in Pharmacology</i> , 2019 , 10, 437 | 5.6 | 16 |
| 31 | Near-infrared fluorescent peptide probes for imaging of tumor in vivo and their biotoxicity evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 910-6 | 5.4 | 15 |
| 30 | Interleukin-8 gene silencing on pancreatic cancer cells using biodegradable polymer nanoplexes. <i>Biomaterials Science</i> , 2014 , 2, 1007-1015 | 7.4 | 14 |
| 29 | Dissecting the phenotypes of Plk1 inhibition in cancer cells using novel kinase inhibitory chemical CBB2001. <i>Laboratory Investigation</i> , 2012 , 92, 1503-14 | 5.9 | 14 |
| 28 | Rational design of multimodal and multifunctional InP quantum dot nanoprobe for cancer: in vitro and in vivo applications. <i>RSC Advances</i> , 2013 , 3, 8495 | 3.7 | 13 |
| 27 | Optimizing the aqueous phase synthesis of CdTe quantum dots using mixed-ligands system and their applications for imaging of live cancer cells and tumors in vivo. <i>RSC Advances</i> , 2013 , 3, 8899 | 3.7 | 13 |
| 26 | In vivo Comparison of the Biodistribution and Toxicity of InP/ZnS Quantum Dots with Different Surface Modifications. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1951-1965 | 7.3 | 12 |
| 25 | Biodistribution and acute toxicity of cadmium-free quantum dots with different surface functional groups in mice following intratracheal inhalation. <i>Nanotheranostics</i> , 2020 , 4, 173-183 | 5.6 | 11 |
| 24 | and immunotoxicity of PEGylated Cd-free CuInS/ZnS quantum dots. <i>Nanotoxicology</i> , 2020 , 14, 372-387 | 5.3 | 11 |
| 23 | Cytotoxicity and immune response of CdSe/ZnS Quantum dots towards a murine macrophage cell line. <i>RSC Advances</i> , 2014 , 4, 5792 | 3.7 | 10 |

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| 22 | Highly photoluminescent carbon dots-based immunosensors for ultrasensitive detection of aflatoxin M residues in milk. <i>Food Chemistry</i> , 2021 , 355, 129443 | 8.5 | 10 |
| 21 | TCF3 inhibits F9 embryonal carcinoma growth by the down-regulation of Oct4. <i>Oncology Reports</i> , 2011 , 26, 893-9 | 3.5 | 9 |
| 20 | Overexpression of human telomerase reverse transcriptase C-terminal polypeptide sensitizes HeLa cells to 5-fluorouracil-induced growth inhibition and apoptosis. <i>Molecular Medicine Reports</i> , 2014 , 9, 279-284 | 3.9 | 8 |
| 19 | A conjugate of octamer-binding transcription factor 4 and toll-like receptor 7 agonist prevents the growth and metastasis of testis embryonic carcinoma. <i>Journal of Translational Medicine</i> , 2015 , 13, 166 | 8.5 | 8 |
| 18 | Cytotoxicity and Immune Dysfunction of Dendritic Cells Caused by Graphene Oxide. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1206 | 5.6 | 8 |
| 17 | The biocompatibility studies of polymer dots on pregnant mice and fetuses. <i>Nanotheranostics</i> , 2017 , 1, 261-271 | 5.6 | 7 |
| 16 | Docetaxel-loaded PAMAM-based poly (Ebenzyl-l-glutamate)-b-d-Etocopheryl polyethylene glycol 1000 succinate nanoparticles in human breast cancer and human cervical cancer therapy. <i>Journal of Microencapsulation</i> , 2019 , 36, 552-565 | 3.4 | 7 |
| 15 | The Codelivery of siRNA and QDs by pH-Responsive Micelle for Hepatoma Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1194 | 5.6 | 7 |
| 14 | Synthesis and characterization of multifunctional hybrid-polymeric nanoparticles for drug delivery and multimodal imaging of cancer. <i>International Journal of Nanomedicine</i> , 2015 , 10, 5771-86 | 7.3 | 7 |
| 13 | Cardiotoxicity of Intravenously Administered CdSe/ZnS Quantum Dots in BALB/c Mice. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1179 | 5.6 | 6 |
| 12 | PEGylated CuInS/ZnS quantum dots inhibit neurite outgrowth by downregulating the NGF/p75/MAPK pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 207, 111378 | 7 | 6 |
| 11 | Systematic evaluation of CdSe/ZnS quantum dots toxicity on the reproduction and offspring health in male BALB/c mice. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 211, 111946 | 7 | 5 |
| 10 | Evaluation for Adverse Effects of InP/ZnS Quantum Dots on the in Vitro Cultured Oocytes of Mice.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4193-4201 | 4.1 | 3 |
| 9 | Nephrotoxicity Evaluation of Indium Phosphide Quantum Dots with Different Surface Modifications in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 3 |
| 8 | A sustainable approach to individualized disease treatment: The Engineering of a multiple use MEMS drug delivery device 2013 , | | 2 |
| 7 | Dual-color immunofluorescent labeling with quantum dots of the diabetes-associated proteins aldose reductase and Toll-like receptor 4 in the kidneys of diabetic rats. <i>International Journal of Nanomedicine</i> , 2015 , 10, 3651-62 | 7.3 | 2 |
| 6 | Early growth response protein-1 promoter-mediated synergistic antitumor effect of hTERTC27 gene therapy and 5-Fluorouracil on nasopharyngeal carcinoma. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2012 , 27, 434-41 | 3.9 | 2 |
| 5 | Synthetic and immunological studies on the OCT4 immunodominant motif antigen-based anti-cancer vaccine. <i>Cancer Biology and Medicine</i> , 2020 , 17, 132-141 | 5.2 | 2 |

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| 4 | In Vitro evaluation and monitoring of the expression level and localization of aldose reductase using functionalized quantum dots and EGFP. <i>Biotechnology and Bioprocess Engineering</i> , 2015 , 20, 800-806 | 3.1 | 1 |
| 3 | Multicolored cell imaging with bioconjugated fluorescent quantum dots 2013 , | | 1 |
| 2 | Cytotoxicity and transcriptome changes triggered by CuInS/ZnS quantum dots in human glial cells. <i>NeuroToxicology</i> , 2021 , 88, 134-143 | 4.4 | 1 |
| 1 | BDE-47 induced PC-12 cell differentiation via TrkA downstream pathways and caused the loss of hippocampal neurons in BALB/c mice. <i>Journal of Hazardous Materials</i> , 2022 , 422, 126850 | 12.8 | 1 |