

# Guimiao Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,817  
citations

257357

24  
h-index

276775

41  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized Quantum Dots for Biosensing and Bioimaging and Concerns on Toxicity. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 2786-2799.	4.0	280
2	A Light-Driven Therapy of Pancreatic Adenocarcinoma Using Gold Nanorods-Based Nanocarriers for Co-Delivery of Doxorubicin and siRNA. <i>Theranostics</i> , 2015, 5, 818-833.	4.6	103
3	In vivo toxicity assessment of non-cadmium quantum dots in BALB/c mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 341-350.	1.7	83
4	IFITM1 promotes the metastasis of human colorectal cancer via CAV-1. <i>Cancer Letters</i> , 2015, 368, 135-143.	3.2	67
5	Immunotoxicity assessment of CdSe/ZnS quantum dots in macrophages, lymphocytes and BALB/c mice. <i>Journal of Nanobiotechnology</i> , 2016, 14, 10.	4.2	67
6	Non-viral gene therapy using multifunctional nanoparticles: Status, challenges, and opportunities. <i>Coordination Chemistry Reviews</i> , 2018, 374, 133-152.	9.5	67
7	PEGylated Phospholipid Micelle-Encapsulated Near-Infrared PbS Quantum Dots for in vitro and in vivo Bioimaging. <i>Theranostics</i> , 2012, 2, 723-733.	4.6	66
8	Biodegradable Polymer-Coated Multifunctional Graphene Quantum Dots for Light-Triggered Synergetic Therapy of Pancreatic Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 2768-2781.	4.0	58
9	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.	1.6	47
10	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.	5.8	47
11	Synthesis of Luminescent Near-Infrared AgInS <sub>2</sub> Nanocrystals as Optical Probes for In Vivo Applications. <i>Theranostics</i> , 2013, 3, 109-115.	4.6	44
12	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.	1.6	44
13	The Ultrasmall Biocompatible CuS@BSA Nanoparticle and Its Photothermal Effects. <i>Frontiers in Pharmacology</i> , 2019, 10, 141.	1.6	42
14	Quantum Dots-siRNA Nanoplexes for Gene Silencing in Central Nervous System Tumor Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 182.	1.6	39
15	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.	5.8	38
16	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, 364-370.	2.4	38
17	Biodegradable Nanocapsules as siRNA Carriers for Mutant K <sup>Ras</sup> Gene Silencing of Human Pancreatic Carcinoma Cells. <i>Small</i> , 2013, 9, 2757-2763.	5.2	34
18	Preparation of biofunctionalized quantum dots using microfluidic chips for bioimaging. <i>Analyst</i> , The, 2014, 139, 4681-4690.	1.7	33

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19	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.	2.9	33
20	Biodegradable nanoparticle-mediated K-ras down regulation for pancreatic cancer gene therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2163-2172.	2.9	31
21	Assembling Mn:ZnSe quantum dots-siRNA nanoplexes for gene silencing in tumor cells. <i>Biomaterials Science</i> , 2015, 3, 192-202.	2.6	30
22	An Electrochemically Actuated MEMS Device for Individualized Drug Delivery: an In Vitro Study. <i>Advanced Healthcare Materials</i> , 2013, 2, 1170-1178.	3.9	29
23	A Dual-Color Quantum Dots Encoded Frit-Based Immunoassay for Visual Detection of Aflatoxin M <sub>1</sub> and Pirlimycin Residues in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1822-1828.	2.4	25
24	Highly photoluminescent carbon dots-based immunosensors for ultrasensitive detection of aflatoxin M <sub>1</sub> residues in milk. <i>Food Chemistry</i> , 2021, 355, 129443.	4.2	25
25	Passive tumor targeting and imaging by using mercaptosuccinic acid-coated near-infrared quantum dots. <i>International Journal of Nanomedicine</i> , 2015, 10, 335.	3.3	24
26	Cytotoxicity and Immune Dysfunction of Dendritic Cells Caused by Graphene Oxide. <i>Frontiers in Pharmacology</i> , 2020, 11, 1206.	1.6	24
27	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.	2.7	24
28	&lt;p&gt;In vivo Comparison of the Biodistribution and Toxicity of InP/ZnS Quantum Dots with Different Surface Modifications&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1951-1965.	3.3	24
29	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.	2.9	23
30	In Vivo Toxicity Evaluation of PEGylated CuInS <sub>2</sub> /ZnS Quantum Dots in BALB/c Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 437.	1.6	23
31	Interleukin-8 gene silencing on pancreatic cancer cells using biodegradable polymer nanoplexes. <i>Biomaterials Science</i> , 2014, 2, 1007-1015.	2.6	21
32	<i>In vitro</i> and <i>in vivo</i> immunotoxicity of PEGylated Cd-free CuInS <sub>2</sub> /ZnS quantum dots. <i>Nanotoxicology</i> , 2020, 14, 372-387.	1.6	20
33	A biocompatible photosensitizer with a high intersystem crossing efficiency for precise two-photon photodynamic therapy. <i>Materials Horizons</i> , 2022, 9, 1283-1292.	6.4	20
34	Nearâ€infrared fluorescent peptide probes for imaging of tumor <i>in vivo</i> and their biotoxicity evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 910-916.	2.1	18
35	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.	2.9	18
36	Dissecting the phenotypes of Plk1 inhibition in cancer cells using novel kinase inhibitory chemical CBB2001. <i>Laboratory Investigation</i> , 2012, 92, 1503-1514.	1.7	17

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37	Rational design of multimodal and multifunctional InP quantum dot nanoprobes for cancer: in vitro and in vivo applications. <i>RSC Advances</i> , 2013, 3, 8495.	1.7	15
38	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.	1.7	13
39	Cytotoxicity and immune response of CdSe/ZnS Quantum dots towards a murine macrophage cell line. <i>RSC Advances</i> , 2014, 4, 5792.	1.7	13
40	PEGylated CuInS <sub>2</sub> /ZnS quantum dots inhibit neurite outgrowth by downregulating the NGF/p75NTR/MAPK pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111378.	2.9	13
41	Cardiotoxicity of Intravenously Administered CdSe/ZnS Quantum Dots in BALB/c Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1179.	1.6	12
42	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.	1.1	10
43	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.	3.3	10
44	TCF3 inhibits F9 embryonal carcinoma growth by the down-regulation of Oct4. <i>Oncology Reports</i> , 2011, 26, 893-9.	1.2	9
45	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.	1.8	9
46	Docetaxel-Loaded PAMAM-Based Poly (l <sup>3</sup> -benzyl-L-glutamate)-D -l <sup>±</sup> - Tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles in Human Breast Cancer And Human Cervical Cancer therapy. <i>Journal of Microencapsulation</i> , 2019, 36, 1-33.	1.2	9
47	The Codelivery of siRNA and QDs by pH-Responsive Micelle for Hepatoma Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 1194.	1.6	9
48	Nephrotoxicity Evaluation of Indium Phosphide Quantum Dots with Different Surface Modifications in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7137.	1.8	9
49	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.	6.5	9
50	The future of quantum dots in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 991-994.	2.5	8
51	The biocompatibility studies of polymer dots on pregnant mice and fetuses. <i>Nanotheranostics</i> , 2017, 1, 261-271.	2.7	8
52	Cytotoxicity and transcriptome changes triggered by CuInS <sub>2</sub> /ZnS quantum dots in human glial cells. <i>NeuroToxicology</i> , 2022, 88, 134-143.	1.4	8
53	Dual-color immunofluorescent labeling with quantum dots of the diabetes-associated proteins aldose reductase and Toll-like receptor 4 in&nbsp;the&nbsp;kidneys of diabetic rats. <i>International Journal of Nanomedicine</i> , 2015, 10, 3651.	3.3	6
54	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.	2.3	6

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55	Synthetic and immunological studies on the OCT4 immunodominant motif antigen-based anti-cancer vaccine. <i>Cancer Biology and Medicine</i> , 2020, 17, 132-141.	1.4	6
56	A sustainable approach to individualized disease treatment: The Engineering of a multiple use MEMS drug delivery device. , 2013, , .		4
57	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, 434-441.	0.7	3
58	Multicolored cell imaging with bioconjugated fluorescent quantum dots. , 2013, , .		1
59	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.	1.4	1
60	The application of quantum dots for the melanoma tumor in vivo imaging. , 2014, , .		0