

Guimiao Lin

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.

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	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
56	Cytotoxicity and transcriptome changes triggered by CuInS/ZnS quantum dots in human glial cells. <i>NeuroToxicology</i> , 2021 , 88, 134-143	4.4	1
55	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
54	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
53	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
52	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
51	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
50	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
49	and immunotoxicity of PEGylated Cd-free CuInS/ZnS quantum dots. <i>Nanotoxicology</i> , 2020 , 14, 372-387	5.3	11
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,	6.3	3
47	Cytotoxicity and Immune Dysfunction of Dendritic Cells Caused by Graphene Oxide. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1206	5.6	8
46	Cardiotoxicity of Intravenously Administered CdSe/ZnS Quantum Dots in BALB/c Mice. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1179	5.6	6
45	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
44	Toxicity Evaluation of PEGylated CuInS/ZnS Quantum Dots in BALB/c Mice. <i>Frontiers in Pharmacology</i> , 2019 , 10, 437	5.6	16
43	The Ultrasmall Biocompatible CuS@BSA Nanoparticle and Its Photothermal Effects. <i>Frontiers in Pharmacology</i> , 2019 , 10, 141	5.6	23
42	Docetaxel-loaded PAMAM-based poly (Ebenzyl-l-glutamate)-b-d-Eocopheryl 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
41	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

40	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
39	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
38	Non-viral gene therapy using multifunctional nanoparticles: Status, challenges, and opportunities. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 133-152	23.2	47
37	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
36	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
35	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	10.7	27
34	The biocompatibility studies of polymer dots on pregnant mice and fetuses. <i>Nanotheranostics</i> , 2017 , 1, 261-271	5.6	7
33	Quantum Dots-siRNA Nanoplexes for Gene Silencing in Central Nervous System Tumor Cells. <i>Frontiers in Pharmacology</i> , 2017 , 8, 182	5.6	22
32	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
31	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
30	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
29	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
28	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
27	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	10.76	30
26	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
25	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
24	Assembling Mn:ZnSe quantum dots-siRNA nanoplexes for gene silencing in tumor cells. <i>Biomaterials Science</i> , 2015 , 3, 192-202	7.4	22
23	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

22	IFITM1 promotes the metastasis of human colorectal cancer via CAV-1. <i>Cancer Letters</i> , 2015 , 368, 135-143.	9	46
21	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
20	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
19	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
18	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
17	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
16	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
15	Preparation of biofunctionalized quantum dots using microfluidic chips for bioimaging. <i>Analyst, The</i> , 2014 , 139, 4681-90	5	31
14	Interleukin-8 gene silencing on pancreatic cancer cells using biodegradable polymer nanoplexes. <i>Biomaterials Science</i> , 2014 , 2, 1007-1015	7.4	14
13	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, 279-84	2.9	8
12	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
11	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
10	A sustainable approach to individualized disease treatment: The Engineering of a multiple use MEMS drug delivery device 2013 ,		2
9	Functionalized quantum dots for biosensing and bioimaging and concerns on toxicity. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 2786-99	9.5	244
8	Multicolored cell imaging with bioconjugated fluorescent quantum dots 2013 ,		1
7	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
6	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
5	Synthesis of luminescent near-infrared AgInS ₂ nanocrystals as optical probes for in vivo applications. <i>Theranostics</i> , 2013 , 3, 109-15	12.1	34

4	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
3	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
2	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
1	TCF3 inhibits F9 embryonal carcinoma growth by the down-regulation of Oct4. <i>Oncology Reports</i> , 2011 , 26, 893-9	3.5	9