

Zhibin Li

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,863
citations

361045

20
h-index

329751

37
g-index

37
all docs

37
docs citations

37
times ranked

4280
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable black phosphorus-based nanospheres for in vivo photothermal cancer therapy. <i>Nature Communications</i> , 2016, 7, 12967.	5.8	835
2	Black Phosphorus Incorporated Hydrogel as a Sprayable and Biodegradable Photothermal Platform for Postsurgical Treatment of Cancer. <i>Advanced Science</i> , 2018, 5, 1700848.	5.6	289
3	Ti ⁴⁺ -Coordinated Black Phosphorus Quantum Dots as an Efficient Contrast Agent for In Vivo Photoacoustic Imaging of Cancer. <i>Small</i> , 2017, 13, 1602896.	5.2	251
4	Small gold nanorods laden macrophages for enhanced tumor coverage in photothermal therapy. <i>Biomaterials</i> , 2016, 74, 144-154.	5.7	247
5	Metabolizable Ultrathin Bi ₂ Se ₃ Nanosheets in Imaging-Guided Photothermal Therapy. <i>Small</i> , 2016, 12, 4136-4145.	5.2	203
6	Stable and Multifunctional Dye-Modified Black Phosphorus Nanosheets for Near-Infrared Imaging-Guided Photothermal Therapy. <i>Chemistry of Materials</i> , 2017, 29, 7131-7139.	3.2	158
7	Designing Core-Shell Gold and Selenium Nanocomposites for Cancer Radiochemotherapy. <i>ACS Nano</i> , 2017, 11, 4848-4858.	7.3	150
8	Black Phosphorus-Based Multimodal Nanoagent: Showing Targeted Combinatory Therapeutics against Cancer Metastasis. <i>Nano Letters</i> , 2019, 19, 5587-5594.	4.5	73
9	Cell-borne 2D nanomaterials for efficient cancer targeting and photothermal therapy. <i>Biomaterials</i> , 2017, 133, 37-48.	5.7	63
10	Intrinsic bioactivity of black phosphorus nanomaterials on mitotic centrosome destabilization through suppression of PLK1 kinase. <i>Nature Nanotechnology</i> , 2021, 16, 1150-1160.	15.6	62
11	Different-sized black phosphorus nanosheets with good cytocompatibility and high photothermal performance. <i>RSC Advances</i> , 2017, 7, 14618-14624.	1.7	58
12	Mediated Drug Release from Nanovehicles by Black Phosphorus Quantum Dots for Efficient Therapy of Chronic Obstructive Pulmonary Disease. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20568-20576.	7.2	56
13	Metabolizable Small Gold Nanorods: Size-dependent Cytotoxicity, Cell Uptake and <i>In Vivo</i> Biodistribution. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 789-797.	2.6	51
14	Calcium Phosphate Mineralized Black Phosphorous with Enhanced Functionality and Anticancer Bioactivity. <i>Advanced Functional Materials</i> , 2020, 30, 2003069.	7.8	42
15	Synergistic Antibacterial Activity of Black Phosphorus Nanosheets Modified with Titanium Aminobenzenesulfanato Complexes. <i>ACS Applied Nano Materials</i> , 2019, 2, 1202-1209.	2.4	36
16	A promising orthopedic implant material with enhanced osteogenic and antibacterial activity: Al ₂ O ₃ -coated aluminum alloy. <i>Applied Surface Science</i> , 2018, 457, 1025-1034.	3.1	34
17	Death signal transduction induced by co-immobilized TNF- α plus IFN- γ and the development of polymeric anti-cancer drugs. <i>Biomaterials</i> , 2010, 31, 9074-9085.	5.7	26
18	Bioactive phospho-therapy with black phosphorus for <i>in vivo</i> tumor suppression. <i>Theranostics</i> , 2020, 10, 4720-4736.	4.6	26

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19	Cell cycle arrest and apoptosis of OVCAR-3 and MCF-7 cells induced by co-immobilized TNF- α plus IFN- γ on polystyrene and the role of p53 activation. <i>Biomaterials</i> , 2012, 33, 6162-6171.	5.7	24
20	Recent advances in cell-mediated nanomaterial delivery systems for photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1296-1311.	2.9	22
21	Selective electrochemical oxidation of aromatic hydrocarbons and preparation of mono/multi-carbonyl compounds. <i>Science China Chemistry</i> , 2021, 64, 2134-2141.	4.2	19
22	The role of STAT-6 as a key transcription regulator in HeLa cell death induced by IFN- γ /TNF- α co-immobilized on nanoparticles. <i>Biomaterials</i> , 2014, 35, 5016-5027.	5.7	18
23	Molybdenum Diphosphide Nanorods with Laser-Potentiated Peroxidase Catalytic/Mild-Photothermal Therapy of Oral Cancer. <i>Advanced Science</i> , 2022, 9, e2101527.	5.6	18
24	Pathway of programmed cell death in HeLa cells induced by polymeric anti-cancer drugs. <i>Biomaterials</i> , 2011, 32, 3637-3646.	5.7	17
25	Cervical Cancer HeLa Cell Autocrine Apoptosis Induced by Coimmobilized IFN- γ plus TNF- α <i>Biomaterials</i> . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8451-8464.	4.0	14
26	Powerful inner/outer controlled multi-target magnetic nanoparticle drug carrier prepared by liquid photo-immobilization. <i>Scientific Reports</i> , 2014, 4, 4990.	1.6	13
27	The apoptosis of OVCAR-3 induced by TNF- α plus IFN- γ co-immobilized polylactic acid copolymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 14746.	6.7	9
28	Cell death in HeLa mediated by thermoplastic polyurethane with co-immobilized IFN- γ plus TNF- α . <i>Acta Biomaterialia</i> , 2012, 8, 1348-1356.	4.1	9
29	Mediated Drug Release from Nanovehicles by Black Phosphorus Quantum Dots for Efficient Therapy of Chronic Obstructive Pulmonary Disease. <i>Angewandte Chemie</i> , 2020, 132, 20749-20757.	1.6	8
30	Long-term G ₁ cell cycle arrest in cervical cancer cells induced by co-immobilized TNF- α plus IFN- γ polymeric drugs. <i>Journal of Materials Chemistry B</i> , 2018, 6, 327-336.	2.9	5
31	Complete ablation of resistant tumors with photosensitive black phosphorus quantum dots-based lipid nanocapsules. <i>Chemical Engineering Journal</i> , 2021, 421, 127879.	6.6	5
32	Photothermal Therapy: Metabolizable Ultrathin Bi ₂ Se ₃ Nanosheets in Imaging-Guided Photothermal Therapy (Small 30/2016). <i>Small</i> , 2016, 12, 4158-4158.	5.2	4
33	Preparation and activity of a nanometer anti-microbial polyurethane. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 540-545.	0.4	3
34	Effect of HIF-1 α -siRNA-linked AuNRs on radiotherapy of nasopharyngeal carcinoma. <i>Cellular and Molecular Biology</i> , 2020, 66, 185-190.	0.3	3
35	Synthesis of a Kind of Temperature-responsive Cell Culture Surface for Corneal Sheet. <i>Journal of Materials Science and Technology</i> , 2010, 26, 1119-1126.	5.6	2