

Zhibin Li

List of Publications by Year in descending order

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35
papers

2,863
citations

361413
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330143
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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. Nature Communications, 2016, 7, 12967.	12.8	835
2	Black Phosphorus Incorporated Hydrogel as a Sprayable and Biodegradable Photothermal Platform for Postsurgical Treatment of Cancer. Advanced Science, 2018, 5, 1700848.	11.2	289
3	Ti ₄ -Coordinated Black Phosphorus Quantum Dots as an Efficient Contrast Agent for In Vivo Photoacoustic Imaging of Cancer. Small, 2017, 13, 1602896.	10.0	251
4	Small gold nanorods laden macrophages for enhanced tumor coverage in photothermal therapy. Biomaterials, 2016, 74, 144-154.	11.4	247
5	Metabolizable Ultrathin Bi ₂ Se ₃ Nanosheets in Imaging-Guided Photothermal Therapy. Small, 2016, 12, 4136-4145.	10.0	203
6	Stable and Multifunctional Dye-Modified Black Phosphorus Nanosheets for Near-Infrared Imaging-Guided Photothermal Therapy. Chemistry of Materials, 2017, 29, 7131-7139.	6.7	158
7	Designing Core-Shell Gold and Selenium Nanocomposites for Cancer Radiochemotherapy. ACS Nano, 2017, 11, 4848-4858.	14.6	150
8	Black Phosphorus-Based Multimodal Nanoagent: Showing Targeted Combinatory Therapeutics against Cancer Metastasis. Nano Letters, 2019, 19, 5587-5594.	9.1	73
9	Cell-borne 2D nanomaterials for efficient cancer targeting and photothermal therapy. Biomaterials, 2017, 133, 37-48.	11.4	63
10	Intrinsic bioactivity of black phosphorus nanomaterials on mitotic centrosome destabilization through suppression of PLK1 kinase. Nature Nanotechnology, 2021, 16, 1150-1160.	31.5	62
11	Different-sized black phosphorus nanosheets with good cytocompatibility and high photothermal performance. RSC Advances, 2017, 7, 14618-14624.	3.6	58
12	Mediated Drug Release from Nanovehicles by Black Phosphorus Quantum Dots for Efficient Therapy of Chronic Obstructive Pulmonary Disease. Angewandte Chemie - International Edition, 2020, 59, 20568-20576.	13.8	56
13	Metabolizable Small Gold Nanorods: Size-dependent Cytotoxicity, Cell Uptake and <i>In Vivo</i> Biodistribution. ACS Biomaterials Science and Engineering, 2016, 2, 789-797.	5.2	51
14	Calcium Phosphate Mineralized Black Phosphorous with Enhanced Functionality and Anticancer Bioactivity. Advanced Functional Materials, 2020, 30, 2003069.	14.9	42
15	Synergistic Antibacterial Activity of Black Phosphorus Nanosheets Modified with Titanium Aminobenzenesulfonate Complexes. ACS Applied Nano Materials, 2019, 2, 1202-1209.	5.0	36
16	A promising orthopedic implant material with enhanced osteogenic and antibacterial activity: Al ₂ O ₃ -coated aluminum alloy. Applied Surface Science, 2018, 457, 1025-1034.	6.1	34
17	Death signal transduction induced by co-immobilized TNF- α plus IFN- γ and the development of polymeric anti-cancer drugs. Biomaterials, 2010, 31, 9074-9085.	11.4	26
18	Bioactive phospho-therapy with black phosphorus for <i>in vivo</i> tumor suppression. Theranostics, 2020, 10, 4720-4736.	10.0	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.	11.4	24
20	Recent advances in cell-mediated nanomaterial delivery systems for photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1296-1311.	5.8	22
21	Selective electrochemical oxidation of aromatic hydrocarbons and preparation of mono/multi-carbonyl compounds. <i>Science China Chemistry</i> , 2021, 64, 2134-2141.	8.2	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.	11.4	18
23	Molybdenum Diphosphide Nanorods with Laser-Potentiated Peroxidase Catalytic/Mild-Photothermal Therapy of Oral Cancer. <i>Advanced Science</i> , 2022, 9, e2101527.	11.2	18
24	Pathway of programmed cell death in HeLa cells induced by polymeric anti-cancer drugs. <i>Biomaterials</i> , 2011, 32, 3637-3646.	11.4	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.	8.0	14
26	Powerful inner/outer controlled multi-target magnetic nanoparticle drug carrier prepared by liquid photo-immobilization. <i>Scientific Reports</i> , 2014, 4, 4990.	3.3	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.	8.3	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.	2.0	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.	5.8	5
31	Complete ablation of resistant tumors with photosensitive black phosphorus quantum dots-based lipid nanocapsules. <i>Chemical Engineering Journal</i> , 2021, 421, 127879.	12.7	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.	10.0	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.	1.0	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.	0.9	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.	10.7	2