Zhibin Li

List of Publications by Citations

34 papers	2,144 citations	17 h-index	37 g-index
37 ext. papers	2,495 ext. citations	10.9 avg, IF	4.77 L-index

#	Paper	IF	Citations
34	Biodegradable black phosphorus-based nanospheres for in vivo photothermal cancer therapy. *Nature Communications*, **2016**, 7, 12967	17.4	659
33	Small gold nanorods laden macrophages for enhanced tumor coverage in photothermal therapy. *Biomaterials*, **2016**, 74, 144-54	15.6	209
32	Black-Phosphorus-Incorporated Hydrogel as a Sprayable and Biodegradable Photothermal Platform for Postsurgical Treatment of Cancer. *Advanced Science*, **2018**, 5, 1700848	13.6	199
31	TiL -Coordinated Black Phosphorus Quantum Dots as an Efficient Contrast Agent for In Vivo Photoacoustic Imaging of Cancer. *Small*, **2017**, 13, 1602896	11	198
30	Metabolizable Ultrathin Bi2 Se3 Nanosheets in Imaging-Guided Photothermal Therapy. *Small*, **2016**, 12, 4136-45	11	168
29	Stable and Multifunctional Dye-Modified Black Phosphorus Nanosheets for Near-Infrared Imaging-Guided Photothermal Therapy. *Chemistry of Materials*, **2017**, 29, 7131-7139	9.6	125
28	Designing Core-Shell Gold and Selenium Nanocomposites for Cancer Radiochemotherapy. *ACS Nano*, **2017**, 11, 4848-4858	16.7	124
27	Cell-borne 2D nanomaterials for efficient cancer targeting and photothermal therapy. *Biomaterials*, **2017**, 133, 37-48	15.6	54
26	Black Phosphorus-Based Multimodal Nanoagent: Showing Targeted Combinatory Therapeutics against Cancer Metastasis. *Nano Letters*, **2019**, 19, 5587-5594	11.5	51
25	Different-sized black phosphorus nanosheets with good cytocompatibility and high photothermal performance. *RSC Advances*, **2017**, 7, 14618-14624	3.7	47
24	Metabolizable Small Gold Nanorods: Size-dependent Cytotoxicity, Cell Uptake and Biodistribution. *ACS Biomaterials Science and Engineering*, **2016**, 2, 789-797	5.5	41
23	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	16.4	27
22	Synergistic Antibacterial Activity of Black Phosphorus Nanosheets Modified with Titanium Aminobenzenesulfanato Complexes. *ACS Applied Nano Materials*, **2019**, 2, 1202-1209	5.6	25
21	Death signal transduction induced by co-immobilized TNF- plus IFN- and the development of polymeric anti-cancer drugs. *Biomaterials*, **2010**, 31, 9074-85	15.6	25
20	Cell cycle arrest and apoptosis of OVCAR-3 and MCF-7 cells induced by co-immobilized TNF- plus IFN- on polystyrene and the role of p53 activation. *Biomaterials*, **2012**, 33, 6162-71	15.6	21
19	A promising orthopedic implant material with enhanced osteogenic and antibacterial activity: Al2O3-coated aluminum alloy. *Applied Surface Science*, **2018**, 457, 1025-1034	6.7	21
18	Calcium Phosphate Mineralized Black Phosphorous with Enhanced Functionality and Anticancer Bioactivity. *Advanced Functional Materials*, **2020**, 30, 2003069	15.6	20

17	Recent advances in cell-mediated nanomaterial delivery systems for photothermal therapy. *Journal of Materials Chemistry B*, **2018**, 6, 1296-1311	7.3	17
16	Pathway of programmed cell death in HeLa cells induced by polymeric anti-cancer drugs. *Biomaterials*, **2011**, 32, 3637-46	15.6	16
15	The role of STAT-6 as a key transcription regulator in HeLa cell death induced by IFN-β/TNF- co-immobilized on nanoparticles. *Biomaterials*, **2014**, 35, 5016-27	15.6	15
14	Intrinsic bioactivity of black phosphorus nanomaterials on mitotic centrosome destabilization through suppression of PLK1 kinase. *Nature Nanotechnology*, **2021**, 16, 1150-1160	28.7	15
13	Powerful inner/outer controlled multi-target magnetic nanoparticle drug carrier prepared by liquid photo-immobilization. *Scientific Reports*, **2014**, 4, 4990	4.9	11
12	Bioactive phospho-therapy with black phosphorus for tumor suppression. *Theranostics*, **2020**, 10, 4720-4736	12.1	11
11	Cervical Cancer HeLa Cell Autocrine Apoptosis Induced by Coimmobilized IFN- plus TNF- Biomaterials. *ACS Applied Materials & Interfaces*, **2018**, 10, 8451-8464	9.5	9
10	The apoptosis of OVCAR-3 induced by TNF- plus IFN- co-immobilized polylactic acid copolymers. *Journal of Materials Chemistry*, **2012**, 22, 14746		8
9	Cell death in HeLa mediated by thermoplastic polyurethane with co-immobilized IFN- plus TNF- *Acta Biomaterialia*, **2012**, 8, 1348-56	10.8	7
8	Molybdenum Diphosphide Nanorods with Laser-Potentiated Peroxidase Catalytic/Mild-Photothermal Therapy of Oral Cancer. *Advanced Science*, **2021**, e2101527	13.6	4
7	Long-term G cell cycle arrest in cervical cancer cells induced by co-immobilized TNF- plus IFN- polymeric drugs. *Journal of Materials Chemistry B*, **2018**, 6, 327-336	7.3	3
6	Preparation and activity of a nanometer anti-microbial polyurethane. *Journal Wuhan University of Technology, Materials Science Edition*, **2009**, 24, 540-545	1	3
5	Selective electrochemical oxidation of aromatic hydrocarbons and preparation of mono/multi-carbonyl compounds. *Science China Chemistry*,1	7.9	3
4	Synthesis of a Kind of Temperature-responsive Cell Culture Surface for Corneal Sheet. *Journal of Materials Science and Technology*, **2010**, 26, 1119-1126	9.1	2
3	Photothermal Therapy: Metabolizable Ultrathin Bi2Se3 Nanosheets in Imaging-Guided Photothermal Therapy (Small 30/2016). *Small*, **2016**, 12, 4158-4158	11	2
2	Mediated Drug Release from Nanovehicles by Black Phosphorus Quantum Dots for Efficient Therapy of Chronic Obstructive Pulmonary Disease. *Angewandte Chemie*, **2020**, 132, 20749-20757	3.6	1
1	Complete ablation of resistant tumors with photosensitive black phosphorus quantum dots-based lipid nanocapsules. *Chemical Engineering Journal*, **2021**, 421, 127879	14.7	1