

# Xudong Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

4,433  
citations

257450

24  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

6890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape-controlled synthesis of liquid metal nanodroplets for photothermal therapy. <i>Nano Research</i> , 2019, 12, 1313-1320.	10.4	83
2	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	439
3	Bioresponsive Microneedles with a Sheath Structure for H <sub>2</sub> O <sub>2</sub> and pH Cascade-triggered Insulin Delivery. <i>Small</i> , 2018, 14, e1704181.	10.0	113
4	The mechanism of lauric acid-modified protein nanocapsules escape from intercellular trafficking vesicles and its implication for drug delivery. <i>Drug Delivery</i> , 2018, 25, 985-994.	5.7	13
5	PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy. <i>Advanced Materials</i> , 2018, 30, e1707112.	21.0	196
6	Core-shell Microneedle Gel for Self-Regulated Insulin Delivery. <i>ACS Nano</i> , 2018, 12, 2466-2473.	14.6	207
7	Phosphorylcholine-Based Stealthy Nanocapsules Decorating TPGS for Combatting Multi-Drug-Resistant Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1679-1686.	5.2	7
8	Synthetic beta cells for fusion-mediated dynamic insulin secretion. <i>Nature Chemical Biology</i> , 2018, 14, 86-93.	8.0	184
9	Injectable Bioresponsive Gel Depot for Enhanced Immune Checkpoint Blockade. <i>Advanced Materials</i> , 2018, 30, e1801527.	21.0	233
10	Bacteria-Driven Hypoxia Targeting for Combined Biotherapy and Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 5995-6005.	14.6	253
11	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. <i>Nano Letters</i> , 2018, 18, 5716-5725.	9.1	172
12	Black Phosphorus: Black Phosphorus Nanosheets as a Robust Delivery Platform for Cancer Theranostics ( <i>Adv. Mater.</i> 1/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	10
13	A Drug-self-gated Mesoporous Antitumor Nanoplatfrom Based on pH-sensitive Dynamic Covalent Bond. <i>Advanced Functional Materials</i> , 2017, 27, 1605985.	14.9	255
14	Systematic investigation on the intracellular trafficking network of polymeric nanoparticles. <i>Nanoscale</i> , 2017, 9, 3269-3282.	5.6	62
15	TPGS-functionalized Polydopamine-modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance. <i>Small</i> , 2017, 13, 1700623.	10.0	218
16	A pH-sensitive methenamine mandelate-loaded nanoparticle induces DNA damage and apoptosis of cancer cells. <i>Acta Biomaterialia</i> , 2017, 62, 246-256.	8.3	16
17	Cancer Therapy: TPGS-functionalized Polydopamine-modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance ( <i>Small</i> 29/2017). <i>Small</i> , 2017, 13, .	10.0	0
18	A melanin-mediated cancer immunotherapy patch. <i>Science Immunology</i> , 2017, 2, .	11.9	300

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19	Black Phosphorus Nanosheets as a Robust Delivery Platform for Cancer Theranostics. <i>Advanced Materials</i> , 2017, 29, 1603276.	21.0	721
20	Investigation and intervention of autophagy to guide cancer treatment with nanogels. <i>Nanoscale</i> , 2017, 9, 150-163.	5.6	35
21	Intracellular Trafficking Network of Protein Nanocapsules: Endocytosis, Exocytosis and Autophagy. <i>Theranostics</i> , 2016, 6, 2099-2113.	10.0	67
22	Iron Oxide Nanoparticles Induce Autophagosome Accumulation through Multiple Mechanisms: Lysosome Impairment, Mitochondrial Damage, and ER Stress. <i>Molecular Pharmaceutics</i> , 2016, 13, 2578-2587.	4.6	112
23	The effects of quercetin-loaded PLGA-TPGS nanoparticles on ultraviolet B-induced skin damages in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 623-632.	3.3	61
24	Docetaxel-Loaded Nanoparticles of Dendritic Amphiphilic Block Copolymer H40-PLA-TPGS for Cancer Treatment. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 112-122.	2.3	54
25	Doxorubicin-loaded star-shaped copolymer PLGA-vitamin E TPGS nanoparticles for lung cancer therapy. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 165.	3.6	37
26	pH-Triggered burst intracellular release from hollow microspheres to induce autophagic cancer cell death. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9383-9396.	5.8	13
27	Enhancing Therapeutic Effects of Docetaxel-Loaded Dendritic Copolymer Nanoparticles by Co-Treatment with Autophagy Inhibitor on Breast Cancer. <i>Theranostics</i> , 2014, 4, 1085-1095.	10.0	64
28	Autophagy inhibition strategy for advanced nanomedicine. <i>Nanomedicine</i> , 2014, 9, 377-380.	3.3	19
29	The effect of autophagy inhibitors on drug delivery using biodegradable polymer nanoparticles in cancer treatment. <i>Biomaterials</i> , 2014, 35, 1932-1943.	11.4	159
30	Co-delivery of chemotherapeutic drugs with vitamin E TPGS by porous PLGA nanoparticles for enhanced chemotherapy against multi-drug resistance. <i>Biomaterials</i> , 2014, 35, 2391-2400.	11.4	211
31	The chemotherapeutic potential of PEG-b-PLGA copolymer micelles that combine chloroquine as autophagy inhibitor and docetaxel as an anti-cancer drug. <i>Biomaterials</i> , 2014, 35, 9144-9154.	11.4	118