

# Yun-Jiao Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

6,652  
citations

218592

26  
h-index

233338

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

16091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. <i>Autophagy</i> , 2014, 10, 2006-2020.	4.3	224
3	Tuning the autophagy-inducing activity of lanthanide-based nanocrystals through specific surface-coating peptides. <i>Nature Materials</i> , 2012, 11, 817-826.	13.3	158
4	Harnessing copper-palladium alloy tetrapod nanoparticle-induced pro-survival autophagy for optimized photothermal therapy of drug-resistant cancer. <i>Nature Communications</i> , 2018, 9, 4236.	5.8	139
5	Core/shell Fe <sub>3</sub> O <sub>4</sub> /Gd <sub>2</sub> O <sub>3</sub> nanocubes as T <sub>1</sub> -T <sub>2</sub> dual modal MRI contrast agents. <i>Nanoscale</i> , 2016, 8, 12826-12833.	2.8	108
6	Iron oxide nanoparticles promote macrophage autophagy and inflammatory response through activation of toll-like Receptor-4 signaling. <i>Biomaterials</i> , 2019, 203, 23-30.	5.7	102
7	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <i>Biomaterials</i> , 2016, 103, 44-55.	5.7	90
8	Pro-Death or Pro-Survival: Contrasting Paradigms on Nanomaterial-Induced Autophagy and Exploitations for Cancer Therapy. <i>Accounts of Chemical Research</i> , 2019, 52, 3164-3176.	7.6	71
9	Enhancing tumor chemotherapy and overcoming drug resistance through autophagy-mediated intracellular dissolution of zinc oxide nanoparticles. <i>Nanoscale</i> , 2019, 11, 11789-11807.	2.8	67
10	The role of elevated autophagy on the synaptic plasticity impairment caused by CdSe/ZnS quantum dots. <i>Biomaterials</i> , 2013, 34, 10172-10181.	5.7	62
11	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. <i>Biomaterials</i> , 2014, 35, 899-907.	5.7	60
12	Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 5971-5978.	7.8	60
13	A transistor-like pH-sensitive nanodetergent for selective cancer therapy. <i>Nature Nanotechnology</i> , 2022, 17, 541-551.	15.6	53
14	Impact of Morphology on Iron Oxide Nanoparticles-Induced Inflammasome Activation in Macrophages. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41197-41206.	4.0	50
15	Induction of cyto-protective autophagy by paramontroseite VO <sub>2</sub> nanocrystals. <i>Nanotechnology</i> , 2013, 24, 165102.	1.3	49
16	Nanoparticle as Signaling Protein Mimic: Robust Structural and Functional Modulation of CaMKII upon Specific Binding to Fullerene C60 Nanocrystals. <i>ACS Nano</i> , 2014, 8, 6131-6144.	7.3	49
17	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. <i>Nanoscale</i> , 2016, 8, 18740-18750.	2.8	39
18	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. <i>Small</i> , 2018, 14, e1703711.	5.2	36

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19	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticle-Induced Liver Injury. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601252.	3.9	35
20	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. <i>Theranostics</i> , 2020, 10, 11908-11920.	4.6	33
21	Quercetin attenuates myocardial ischemia-reperfusion injury via downregulation of the HMGB1-TLR4-NF- $\kappa$ B signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 1273-1283.	0.0	33
22	Autophagic lysosomal reformation depends on mTOR reactivation in H <sub>2</sub> O <sub>2</sub> -induced autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 70, 76-81.	1.2	32
23	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , 2020, 475, 34-42.	3.2	32
24	Differential ERK activation during autophagy induced by europium hydroxide nanorods and trehalose: Maximum clearance of huntingtin aggregates through combined treatment. <i>Biomaterials</i> , 2015, 73, 160-174.	5.7	31
25	Blood Circulation-Prolonging Peptides for Engineered Nanoparticles Identified via Phage Display. <i>Nano Letters</i> , 2019, 19, 1467-1478.	4.5	31
26	Inhibition of lanthanide nanocrystal-induced inflammasome activation in macrophages by a surface coating peptide through abrogation of ROS production and TRPM2-mediated Ca <sup>2+</sup> influx. <i>Biomaterials</i> , 2016, 108, 143-156.	5.7	30
27	Persistency of Enlarged Autolysosomes Underscores Nanoparticle-Induced Autophagy in Hepatocytes. <i>Small</i> , 2017, 13, 1602876.	5.2	29
28	Giant Cellular Vacuoles Induced by Rare Earth Oxide Nanoparticles are Abnormally Enlarged Endo/Lysosomes and Promote mTOR-Dependent TFEB Nucleus Translocation. <i>Small</i> , 2016, 12, 5759-5768.	5.2	28
29	Increased TRPM6 expression in atrial fibrillation patients contribute to atrial fibrosis. <i>Experimental and Molecular Pathology</i> , 2015, 98, 486-490.	0.9	23
30	Macrophage-Mediated Porous Magnetic Nanoparticles for Multimodal Imaging and Postoperative Photothermal Therapy of Gliomas. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 56825-56837.	4.0	23
31	Transdermal delivery of human epidermal growth factor facilitated by a peptide chaperon. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 405-409.	2.6	22
32	Enhancing Chemotherapy of p53-Mutated Cancer through Ubiquitination-Dependent Proteasomal Degradation of Mutant p53 Proteins by Engineered ZnFe <sub>4</sub> Nanoparticles. <i>Advanced Functional Materials</i> , 2020, 30, 2001994.	7.8	18
33	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <i>Nanotoxicology</i> , 2019, 13, 354-368.	1.6	16
34	Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. <i>Small</i> , 2021, 17, e2102295.	5.2	15
35	Copper-Palladium Tetrapods with Sharp Tips as a Superior Catalyst for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2018, 10, 925-930.	1.8	14
36	A blood circulation-prolonging peptide anchored biomimetic phage-platelet hybrid nanoparticle system for prolonged blood circulation and optimized anti-bacterial performance. <i>Theranostics</i> , 2021, 11, 2278-2296.	4.6	14

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37	Glutathionylation-dependent proteasomal degradation of wide-spectrum mutant p53 proteins by engineered zeolitic imidazolate framework-8. <i>Biomaterials</i> , 2021, 271, 120720.	5.7	14
38	mTORC1-dependent TFEB nucleus translocation and pro-survival autophagy induced by zeolitic imidazolate framework-8. <i>Biomaterials Science</i> , 2020, 8, 4358-4369.	2.6	13
39	Autophagy Impairment through Lysosome Dysfunction by Brucine Induces Immunogenic Cell Death (ICD). <i>The American Journal of Chinese Medicine</i> , 2020, 48, 1915-1940.	1.5	13
40	Effects of iron oxide nanoparticles as T2-MRI contrast agents on reproductive system in male mice. <i>Journal of Nanobiotechnology</i> , 2022, 20, 98.	4.2	13
41	Role of the Na <sup>+</sup> /K <sup>+</sup> -ATPase Beta-Subunit in Peptide-Mediated Transdermal Drug Delivery. <i>Molecular Pharmaceutics</i> , 2015, 12, 1259-1267.	2.3	7
42	Photosensitizer-loaded cell membrane biomimetic nanoparticles for enhanced tumor synergetic targeted therapy. <i>RSC Advances</i> , 2020, 10, 9378-9386.	1.7	7
43	Caspase mediated beclin-1 dependent autophagy tuning activity and apoptosis promotion by surface modified hausmannite nanoparticle. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1299-1310.	2.1	5
44	Cancer Therapy: Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy ( <i>Adv. Funct. Mater.</i> 33/2016). <i>Advanced Functional Materials</i> , 2016, 26, 5950-5950.	7.8	2