

# Yun-Jiao Zhang

## List of Publications by Citations

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**Version:** 2024-04-26

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44  
papers

5,166  
citations

22  
h-index

46  
g-index

46  
ext. papers

5,997  
ext. citations

11.2  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
43	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. <i>Autophagy</i> , <b>2014</b> , 10, 2006-20	10.2	184
42	Tuning the autophagy-inducing activity of lanthanide-based nanocrystals through specific surface-coating peptides. <i>Nature Materials</i> , <b>2012</b> , 11, 817-26	27	140
41	Harnessing copper-palladium alloy tetrapod nanoparticle-induced pro-survival autophagy for optimized photothermal therapy of drug-resistant cancer. <i>Nature Communications</i> , <b>2018</b> , 9, 4236	17.4	91
40	Core/shell Fe <sub>3</sub> O <sub>4</sub> /Gd <sub>2</sub> O <sub>3</sub> nanocubes as T1-T2 dual modal MRI contrast agents. <i>Nanoscale</i> , <b>2016</b> , 8, 12826-33	17.3	84
39	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <i>Biomaterials</i> , <b>2016</b> , 103, 44-55	15.6	76
38	Iron oxide nanoparticles promote macrophage autophagy and inflammatory response through activation of toll-like Receptor-4 signaling. <i>Biomaterials</i> , <b>2019</b> , 203, 23-30	15.6	55
37	The role of elevated autophagy on the synaptic plasticity impairment caused by CdSe/ZnS quantum dots. <i>Biomaterials</i> , <b>2013</b> , 34, 10172-81	15.6	53
36	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. <i>Biomaterials</i> , <b>2014</b> , 35, 899-907	15.6	52
35	Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 5971-5978	15.6	49
34	Nanoparticle as signaling protein mimic: robust structural and functional modulation of CaMKII upon specific binding to fullerene C <sub>60</sub> nanocrystals. <i>ACS Nano</i> , <b>2014</b> , 8, 6131-44	16.7	45
33	Induction of cyto-protective autophagy by paramontroseite VO <sub>2</sub> nanocrystals. <i>Nanotechnology</i> , <b>2013</b> , 24, 165102	3.4	45
32	Pro-Death or Pro-Survival: Contrasting Paradigms on Nanomaterial-Induced Autophagy and Exploitations for Cancer Therapy. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 3164-3176	24.3	37
31	Enhancing tumor chemotherapy and overcoming drug resistance through autophagy-mediated intracellular dissolution of zinc oxide nanoparticles. <i>Nanoscale</i> , <b>2019</b> , 11, 11789-11807	7.7	35
30	Impact of Morphology on Iron Oxide Nanoparticles-Induced Inflammasome Activation in Macrophages. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 41197-41206	9.5	31
29	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. <i>Nanoscale</i> , <b>2016</b> , 8, 18740-18750	7.7	29
28	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. <i>Small</i> , <b>2018</b> , 14, e1703711	11	26

27	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> , <b>2018</b> , 10, 1273-1283	3	26
26	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> , <b>2016</b> , 70, 76-81	5.6	25
25	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticle-Induced Liver Injury. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1601252	10.1	24
24	Differential ERK activation during autophagy induced by europium hydroxide nanorods and trehalose: Maximum clearance of huntingtin aggregates through combined treatment. <i>Biomaterials</i> , <b>2015</b> , 73, 160-74	15.6	24
23	Inhibition of lanthanide nanocrystal-induced inflammasome activation in macrophages by a surface coating peptide through abrogation of ROS production and TRPM2-mediated Ca(2+) influx. <i>Biomaterials</i> , <b>2016</b> , 108, 143-56	15.6	22
22	Giant Cellular Vacuoles Induced by Rare Earth Oxide Nanoparticles are Abnormally Enlarged Endo/Lysosomes and Promote mTOR-Dependent TFEB Nucleus Translocation. <i>Small</i> , <b>2016</b> , 12, 5759-5768 <sup>11</sup>	11	22
21	Blood Circulation-Prolonging Peptides for Engineered Nanoparticles Identified via Phage Display. <i>Nano Letters</i> , <b>2019</b> , 19, 1467-1478	11.5	19
20	Transdermal delivery of human epidermal growth factor facilitated by a peptide chaperon. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 62, 405-9	6.8	19
19	Increased TRPM6 expression in atrial fibrillation patients contribute to atrial fibrosis. <i>Experimental and Molecular Pathology</i> , <b>2015</b> , 98, 486-90	4.4	17
18	Persistency of Enlarged Autolysosomes Underscores Nanoparticle-Induced Autophagy in Hepatocytes. <i>Small</i> , <b>2017</b> , 13, 1602876	11	16
17	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , <b>2020</b> , 475, 34-42	9.9	12
16	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <i>Nanotoxicology</i> , <b>2019</b> , 13, 354-368	5.3	11
15	Copper/Palladium Tetrapods with Sharp Tips as a Superior Catalyst for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , <b>2018</b> , 10, 925-930	5.2	11
14	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. <i>Theranostics</i> , <b>2020</b> , 10, 11908-11920	12.1	9
13	A transistor-like pH-sensitive nanodetergent for selective cancer therapy.. <i>Nature Nanotechnology</i> , <b>2022</b> ,	28.7	8
12	Role of the Na(+)/K(+)-ATPase beta-subunit in peptide-mediated transdermal drug delivery. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 1259-67	5.6	6
11	Macrophage-Mediated Porous Magnetic Nanoparticles for Multimodal Imaging and Postoperative Photothermal Therapy of Gliomas. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 56825-56837	9.5	5
10	Photosensitizer-loaded cell membrane biomimetic nanoparticles for enhanced tumor synergetic targeted therapy.. <i>RSC Advances</i> , <b>2020</b> , 10, 9378-9386	3.7	4

9	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> , <b>2017</b> , 105, 1299-1310	5.4	3
8	Autophagy Impairment through Lysosome Dysfunction by Brucine Induces Immunogenic Cell Death (ICD). <i>The American Journal of Chinese Medicine</i> , <b>2020</b> , 48, 1915-1940	6	3
7	Enhancing Chemotherapy of p53-Mutated Cancer through Ubiquitination-Dependent Proteasomal Degradation of Mutant p53 Proteins by Engineered ZnFe-4 Nanoparticles. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2001994	15.6	3
6	Cancer Therapy: Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy (Adv. Funct. Mater. 33/2016). <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 5950-5950	15.6	2
5	A blood circulation-prolonging peptide anchored biomimetic phage-platelet hybrid nanoparticle system for prolonged blood circulation and optimized anti-bacterial performance. <i>Theranostics</i> , <b>2021</b> , 11, 2278-2296	12.1	2
4	Glutathionylation-dependent proteasomal degradation of wide-spectrum mutant p53 proteins by engineered zeolitic imidazolate framework-8. <i>Biomaterials</i> , <b>2021</b> , 271, 120720	15.6	1
3	Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. <i>Small</i> , <b>2021</b> , 17, e2102295	11	1
2	Effects of iron oxide nanoparticles as T-MRI contrast agents on reproductive system in male mice.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 98	9.4	1
1	mTORC1-dependent TFEB nucleus translocation and pro-survival autophagy induced by zeolitic imidazolate framework-8. <i>Biomaterials Science</i> , <b>2020</b> , 8, 4358-4369	7.4	0