

Yun-Jiao Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Effects of iron oxide nanoparticles as T-MRI contrast agents on reproductive system in male mice.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 98	9.4	1
43	A transistor-like pH-sensitive nanodetergent for selective cancer therapy.. <i>Nature Nanotechnology</i> , 2022 ,	28.7	8
42	Macrophage-Mediated Porous Magnetic Nanoparticles for Multimodal Imaging and Postoperative Photothermal Therapy of Gliomas. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56825-56837	9.5	5
41	Glutathionylation-dependent proteasomal degradation of wide-spectrum mutant p53 proteins by engineered zeolitic imidazolate framework-8. <i>Biomaterials</i> , 2021 , 271, 120720	15.6	1
40	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	12.1	2
39	Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. <i>Small</i> , 2021 , 17, e2102295	11	1
38	mTORC1-dependent TFEB nucleus translocation and pro-survival autophagy induced by zeolitic imidazolate framework-8. <i>Biomaterials Science</i> , 2020 , 8, 4358-4369	7.4	0
37	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , 2020 , 475, 34-42	9.9	12
36	Autophagy Impairment through Lysosome Dysfunction by Brucine Induces Immunogenic Cell Death (ICD). <i>The American Journal of Chinese Medicine</i> , 2020 , 48, 1915-1940	6	3
35	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. <i>Theranostics</i> , 2020 , 10, 11908-11920	12.1	9
34	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> , 2020 , 30, 2001994	15.6	3
33	Photosensitizer-loaded cell membrane biomimetic nanoparticles for enhanced tumor synergetic targeted therapy.. <i>RSC Advances</i> , 2020 , 10, 9378-9386	3.7	4
32	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <i>Nanotoxicology</i> , 2019 , 13, 354-368	5.3	11
31	Enhancing tumor chemotherapy and overcoming drug resistance through autophagy-mediated intracellular dissolution of zinc oxide nanoparticles. <i>Nanoscale</i> , 2019 , 11, 11789-11807	7.7	35
30	Blood Circulation-Prolonging Peptides for Engineered Nanoparticles Identified via Phage Display. <i>Nano Letters</i> , 2019 , 19, 1467-1478	11.5	19
29	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	24.3	37
28	Iron oxide nanoparticles promote macrophage autophagy and inflammatory response through activation of toll-like Receptor-4 signaling. <i>Biomaterials</i> , 2019 , 203, 23-30	15.6	55

27	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. <i>Small</i> , 2018 , 14, e1703711	11	26
26	Copper/Palladium Tetrapods with Sharp Tips as a Superior Catalyst for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2018 , 10, 925-930	5.2	11
25	Quercetin attenuates myocardial ischemia-reperfusion injury via downregulation of the HMGB1-TLR4-NF- κ B signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 1273-1283	3	26
24	Impact of Morphology on Iron Oxide Nanoparticles-Induced Inflammasome Activation in Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41197-41206	9.5	31
23	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	17.4	91
22	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	5.4	3
21	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticle-Induced Liver Injury. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601252	10.1	24
20	Persistency of Enlarged Autolysosomes Underscores Nanoparticle-Induced Autophagy in Hepatocytes. <i>Small</i> , 2017 , 13, 1602876	11	16
19	Core/shell Fe ₃ O ₄ /Gd ₂ O ₃ nanocubes as T1-T2 dual modal MRI contrast agents. <i>Nanoscale</i> , 2016 , 8, 12826-33	6.33	84
18	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <i>Biomaterials</i> , 2016 , 103, 44-55	15.6	76
17	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
16	Autophagic lysosomal reformation depends on mTOR reactivation in H ₂ O ₂ -induced autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 70, 76-81	5.6	25
15	Dendritic Platinum/Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophothermal Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 5971-5978	15.6	49
14	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> , 2016 , 108, 143-56	15.6	22
13	Cancer Therapy: Dendritic Platinum/Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophothermal Therapy (Adv. Funct. Mater. 33/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 5950-5950	15.6	2
12	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	11	22
11	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. <i>Nanoscale</i> , 2016 , 8, 18740-18750	7.7	29
10	Role of the Na(+)/K(+)-ATPase beta-subunit in peptide-mediated transdermal drug delivery. <i>Molecular Pharmaceutics</i> , 2015 , 12, 1259-67	5.6	6

9	Increased TRPM6 expression in atrial fibrillation patients contribute to atrial fibrosis. <i>Experimental and Molecular Pathology</i> , 2015 , 98, 486-90	4.4	17
8	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, 160-74	15.6	24
7	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, 6131-44	16.7	45
6	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. <i>Biomaterials</i> , 2014 , 35, 899-907	15.6	52
5	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. <i>Autophagy</i> , 2014 , 10, 2006-20	10.2	184
4	The role of elevated autophagy on the synaptic plasticity impairment caused by CdSe/ZnS quantum dots. <i>Biomaterials</i> , 2013 , 34, 10172-81	15.6	53
3	Transdermal delivery of human epidermal growth factor facilitated by a peptide chaperon. <i>European Journal of Medicinal Chemistry</i> , 2013 , 62, 405-9	6.8	19
2	Induction of cyto-protective autophagy by paramontroseite VO ₂ nanocrystals. <i>Nanotechnology</i> , 2013 , 24, 165102	3.4	45
1	Tuning the autophagy-inducing activity of lanthanide-based nanocrystals through specific surface-coating peptides. <i>Nature Materials</i> , 2012 , 11, 817-26	27	140