Peng-Fei Wei

List of Publications by Year
in descending order

38 papers	1,216 citations	331670 21 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	4335 citing authors

#	Article	IF	Citations
1	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. Autophagy, 2014, 10, 2006-2020.	9.1	224
2	C60(Nd) nanoparticles enhance chemotherapeutic susceptibility of cancer cells by modulation of autophagy. Nanotechnology, 2010, 21, 495101.	2.6	87
3	MnO Nanocrystals: A Platform for Integration of MRI and Genuine Autophagy Induction for Chemotherapy. Advanced Functional Materials, 2013, 23, 1534-1546.	14.9	75
4	Rationally designed rapamycin-encapsulated ZIF-8 nanosystem for overcoming chemotherapy resistance. Biomaterials, 2020, 258, 120308.	11.4	74
5	Enhancing tumor chemotherapy and overcoming drug resistance through autophagy-mediated intracellular dissolution of zinc oxide nanoparticles. Nanoscale, 2019, 11, 11789-11807.	5.6	67
6	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. Biomaterials, 2014, 35, 899-907.	11.4	60
7	Peptide-modified vemurafenib-loaded liposomes for targeted inhibition of melanoma via the skin. Biomaterials, 2018, 182, 1-12.	11.4	54
8	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. Nanoscale, 2016, 8, 18740-18750.	5.6	39
9	Key Role of TFEB Nucleus Translocation for Silver Nanoparticleâ€Induced Cytoprotective Autophagy. Small, 2018, 14, e1703711.	10.0	36
10	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticleâ€Induced Liver Injury. Advanced Healthcare Materials, 2017, 6, 1601252.	7.6	35
11	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. Theranostics, 2020, 10, 11908-11920.	10.0	33
12	Autophagic lysosomal reformation depends on mTOR reactivation in H2O2-induced autophagy. International Journal of Biochemistry and Cell Biology, 2016, 70, 76-81.	2.8	32
13	Differential ERK activation during autophagy induced by europium hydroxide nanorods and trehalose: Maximum clearance of huntingtin aggregates through combined treatment. Biomaterials, 2015, 73, 160-174.	11.4	31
14	MicroRNA Expression Profile in Penile Cancer Revealed by Next-Generation Small RNA Sequencing. PLoS ONE, 2015, 10, e0131336.	2.5	30
15	Inhibition of lanthanide nanocrystal-induced inflammasome activation in macrophages by a surface coating peptide through abrogation of ROS production and TRPM2-mediated Ca2+ influx. Biomaterials, 2016, 108, 143-156.	11.4	30
16	Topical and Targeted Delivery of siRNAs to Melanoma Cells Using a Fusion Peptide Carrier. Scientific Reports, 2016, 6, 29159.	3.3	29
17	Persistency of Enlarged Autolysosomes Underscores Nanoparticleâ€Induced Autophagy in Hepatocytes. Small, 2017, 13, 1602876.	10.0	29
18	Giant Cellular Vacuoles Induced by Rare Earth Oxide Nanoparticles are Abnormally Enlarged Endo/Lysosomes and Promote mTOR-Dependent TFEB Nucleus Translocation. Small, 2016, 12, 5759-5768.	10.0	28

#	Article	IF	Citations
19	MnFe2O4 nanoparticles accelerate the clearance of mutant huntingtin selectively through ubiquitin-proteasome system. Biomaterials, 2019, 216, 119248.	11.4	28
20	Brucine Suppresses Vasculogenic Mimicry in Human Triple-Negative Breast Cancer Cell Line MDA-MB-231. BioMed Research International, 2019, 2019, 1-8.	1.9	24
21	Transdermal delivery of human epidermal growth factor facilitated by a peptide chaperon. European Journal of Medicinal Chemistry, 2013, 62, 405-409.	5.5	22
22	Recent advances in peptides for enhancing transdermal macromolecular drug delivery. Therapeutic Delivery, 2016, 7, 89-100.	2.2	22
23	Enhancing Chemotherapy of p53â€Mutated Cancer through Ubiquitinationâ€Dependent Proteasomal Degradation of Mutant p53 Proteins by Engineered ZnFeâ€4 Nanoparticles. Advanced Functional Materials, 2020, 30, 2001994.	14.9	18
24	Photoresponsive PAMAMâ€Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. Small, 2021, 17, e2102295.	10.0	15
25	Transferrin Protein Corona-Modified CuGd Coreâ€“Shell Nanoplatform for Tumor-Targeting Photothermal and Chemodynamic Synergistic Therapies. ACS Applied Materials & Interfaces, 2022, 14, 7659-7670.	8.0	15
26	Glutathionylation-dependent proteasomal degradation of wide-spectrum mutant p53 proteins by engineered zeolitic imidazolate framework-8. Biomaterials, 2021, 271, 120720.	11.4	14
27	The Ethyl Acetate Extract of Gynura formosana Kitam. Leaves Inhibited Cervical Cancer Cell Proliferation via Induction of Autophagy. BioMed Research International, 2018, 2018, 1-10.	1.9	13
28	Autophagy Impairment through Lysosome Dysfunction by Brucine Induces Immunogenic Cell Death (ICD). The American Journal of Chinese Medicine, 2020, 48, 1915-1940.	3.8	13
29	Effects of iron oxide nanoparticles as T2-MRI contrast agents on reproductive system in male mice. Journal of Nanobiotechnology, 2022, 20, 98.	9.1	13
30	Correlation between miR-200 Family Overexpression and Cancer Prognosis. Disease Markers, 2018, 2018, 1-16.	1.3	9
31	Midazolam Enhances Mutant Huntingtin Protein Accumulation via Impairment of Autophagic Degradation In Vitro. Cellular Physiology and Biochemistry, 2018, 48, 683-691.	1.6	5
32	Microwave-Assisted Facile Synthesis of Eu(OH)₃ Nanoclusters with Pro-Proliferative Activity Mediated by miR-199a-3p. ACS Applied Materials & Interfaces, 2018, 10, 31044-31053.	8.0	4
33	Harnessing Calciumâ€Oxalateâ€•(CaOxâ€) Nanocrystalâ€Induced Prodeath Autophagy for Attenuating Human Renal Proximal Tubular Epithelial Cell Injury. Particle and Particle Systems Characterization, 2019, 36, 1900083.	2.3	4
34	A Biodegradable High-Efficiency Magnetic Nanoliposome Promotes Tumor Microenvironment-Responsive Multimodal Tumor Therapy Along with Switchable T₂ Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2022, 14, 24160-24173.	8.0	3
35	A Theoretical Study on Inhibition of Melanoma with Controlled and Targeted Delivery of siRNA via Skin Using SPACE-EGF. Annals of Biomedical Engineering, 2017, 45, 1407-1419.	2.5	1
36	Successful Management of Repetitive Urinary Obstruction and Anuria Caused by Double J Stent Calculi Formation after Renal Transplantation. Case Reports in Transplantation, 2014, 2014, 1-3.	0.3	0

#	Article	IF	Citations
37	Nanotoxicity: Harnessing Calciumâ€Oxalateâ€(CaOxâ€) Nanocrystalâ€Induced Prodeath Autophagy for Attenuating Human Renal Proximal Tubular Epithelial Cell Injury (Part. Part. Syst. Charact. 8/2019). Particle and Particle Systems Characterization, 2019, 36, 1970022.	2.3	0
38	AB053. MicroRNA expression profile in penile cancer revealed by next-generation small RNA sequencing. Translational Andrology and Urology, 2016, 5, AB053-AB053.	1.4	0