

Long-Ping Wen

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116
papers

14,274
citations

47
h-index

116
g-index

116
ext. papers

15,867
ext. citations

9.4
avg, IF

5.61
L-index

#	Paper	IF	Citations
116	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
115	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546	10.2	2783
114	GPS 2.0, a tool to predict kinase-specific phosphorylation sites in hierarchy. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1598-608	7.6	516
113	CSS-Palm 2.0: an updated software for palmitoylation sites prediction. <i>Protein Engineering, Design and Selection</i> , 2008 , 21, 639-44	1.9	397
112	DOG 1.0: illustrator of protein domain structures. <i>Cell Research</i> , 2009 , 19, 271-3	24.7	373
111	Seed-mediated synthesis of Ag nanocubes with controllable edge lengths in the range of 30-200 nm and comparison of their optical properties. <i>Journal of the American Chemical Society</i> , 2010 , 132, 11372-8	16.4	338
110	Cleavage of focal adhesion kinase by caspases during apoptosis. <i>Journal of Biological Chemistry</i> , 1997 , 272, 26056-61	5.4	269
109	Facile synthesis of Ag nanocubes of 30 to 70 nm in edge length with CF(3)COOAg as a precursor. <i>Chemistry - A European Journal</i> , 2010 , 16, 10234-9	4.8	252
108	Facile synthesis of pentacle gold-copper alloy nanocrystals and their plasmonic and catalytic properties. <i>Nature Communications</i> , 2014 , 5, 4327	17.4	249
107	Targeting cancer cells with biotin-dendrimer conjugates. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 862-8	6.8	243
106	Targeting the brain with PEG-PLGA nanoparticles modified with phage-displayed peptides. <i>Biomaterials</i> , 2011 , 32, 4943-50	15.6	209
105	GPS 2.1: enhanced prediction of kinase-specific phosphorylation sites with an algorithm of motif length selection. <i>Protein Engineering, Design and Selection</i> , 2011 , 24, 255-60	1.9	193
104	Systematic study of protein sumoylation: Development of a site-specific predictor of SUMOsp 2.0. <i>Proteomics</i> , 2009 , 9, 3409-3412	4.8	192
103	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. <i>Autophagy</i> , 2014 , 10, 2006-20	10.2	184
102	Transdermal protein delivery by a coadministered peptide identified via phage display. <i>Nature Biotechnology</i> , 2006 , 24, 455-60	44.5	182
101	GPS-SNO: computational prediction of protein S-nitrosylation sites with a modified GPS algorithm. <i>PLoS ONE</i> , 2010 , 5, e11290	3.7	176
100	Transdermal delivery of nonsteroidal anti-inflammatory drugs mediated by polyamidoamine (PAMAM) dendrimers. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 595-602	3.9	160

99	Evaluation of polyamidoamine (PAMAM) dendrimers as drug carriers of anti-bacterial drugs using sulfamethoxazole (SMZ) as a model drug. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 93-8	6.8	150
98	Autophagy-mediated chemosensitization in cancer cells by fullerene C60 nanocrystal. <i>Autophagy</i> , 2009 , 5, 1107-17	10.2	147
97	Tuning the autophagy-inducing activity of lanthanide-based nanocrystals through specific surface-coating peptides. <i>Nature Materials</i> , 2012 , 11, 817-26	27	140
96	Hydrophilic Co@Au yolk/shell nanospheres: synthesis, assembly, and application to gene delivery. <i>Advanced Materials</i> , 2010 , 22, 1407-11	24	137
95	Nano neodymium oxide induces massive vacuolization and autophagic cell death in non-small cell lung cancer NCI-H460 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 52-60	3.4	133
94	Dissolving Ag from Au-Ag Alloy Nanoboxes with H ₂ O ₂ : A Method for Both Tailoring the Optical Properties and Measuring the H ₂ O ₂ Concentration. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6396-6400	2.8	115
93	Potential health risks of heavy metals in cultivated topsoil and grain, including correlations with human primary liver, lung and gastric cancer, in Anhui province, Eastern China. <i>Science of the Total Environment</i> , 2014 , 470-471, 340-7	10.2	114
92	The complete nucleotide sequence of the mitochondrial genome of <i>Phthorandria atrilineata</i> (Lepidoptera: Geometridae). <i>Molecular Biology Reports</i> , 2009 , 36, 1441-9	2.8	99
91	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
90	Rare earth oxide nanocrystals induce autophagy in HeLa cells. <i>Small</i> , 2009 , 5, 2784-7	11	87
89	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	7.3	84
88	C60(Nd) nanoparticles enhance chemotherapeutic susceptibility of cancer cells by modulation of autophagy. <i>Nanotechnology</i> , 2010 , 21, 495101	3.4	83
87	Production of Ag nanocubes on a scale of 0.1 g per batch by protecting the NaHS-mediated polyol synthesis with argon. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 2044-8	9.5	79
86	Osteosarcoma Therapy: Inhibition of CaMKII β Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation (Adv. Sci. 8/2019). <i>Advanced Science</i> , 2019 , 6, 1970051	13.6	78
85	Reactive oxygen species acts as executor in radiation enhancement and autophagy inducing by AgNPs. <i>Biomaterials</i> , 2016 , 101, 1-9	15.6	78
84	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <i>Biomaterials</i> , 2016 , 103, 44-55	15.6	76
83	Aldose reductase regulates miR-200a-3p/141-3p to coordinate Keap1-Nrf2, Tgf β 1/2, and Zeb1/2 signaling in renal mesangial cells and the renal cortex of diabetic mice. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 91-102	7.8	73
82	Dexamethasone inhibits lung epithelial cell apoptosis induced by IFN-gamma and Fas. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1997 , 273, L921-9	5.8	69

81	MnO Nanocrystals: A Platform for Integration of MRI and Genuine Autophagy Induction for Chemotherapy. <i>Advanced Functional Materials</i> , 2013 , 23, 1534-1546	15.6	66
80	PhosSNP for systematic analysis of genetic polymorphisms that influence protein phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 623-34	7.6	65
79	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
78	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
77	Is the autophagy a friend or foe in the silver nanoparticles associated radiotherapy for glioma?. <i>Biomaterials</i> , 2015 , 62, 47-57	15.6	53
76	Evaluation of phenylbutazone and poly(amidoamine) dendrimers interactions by a combination of solubility, 2D-NOESY NMR, and isothermal titration calorimetry studies. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 1075-85	3.9	53
75	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
74	Induction of genuine autophagy by cationic lipids in mammalian cells. <i>Autophagy</i> , 2010 , 6, 449-54	10.2	51
73	CPLA 1.0: an integrated database of protein lysine acetylation. <i>Nucleic Acids Research</i> , 2011 , 39, D1029-34	10.1	50
72	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
71	Identification of nose-to-brain homing peptide through phage display. <i>Peptides</i> , 2009 , 30, 343-50	3.8	48
70	Magnetic Alloy Nanorings Loaded with Gold Nanoparticles: Synthesis and Applications as Multimodal Imaging Contrast Agents. <i>Advanced Functional Materials</i> , 2010 , 20, 3701-3706	15.6	47
69	A summary of computational resources for protein phosphorylation. <i>Current Protein and Peptide Science</i> , 2010 , 11, 485-96	2.8	46
68	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
67	Induction of cyto-protective autophagy by paramontroseite VO ₂ nanocrystals. <i>Nanotechnology</i> , 2013 , 24, 165102	3.4	45
66	ROS-AKT-mTOR axis mediates autophagy of human umbilical vein endothelial cells induced by cooking oil fumes-derived fine particulate matters in vitro. <i>Free Radical Biology and Medicine</i> , 2017 , 113, 452-460	7.8	43
65	Nano rare-earth oxides induced size-dependent vacuolization: an independent pathway from autophagy. <i>International Journal of Nanomedicine</i> , 2010 , 5, 601-9	7.3	42
64	Characterization of the protein expressed in Escherichia coli by a recombinant plasmid containing the Bacillus megaterium cytochrome P-450BM-3 gene. <i>Molecular and Cellular Biochemistry</i> , 1988 , 79, 63-71	4.2	41

63	Tuning Magnetic Property and Autophagic Response for Self-Assembled Ni ₃ Al Alloy Nanocrystals. <i>Advanced Functional Materials</i> , 2013 , 23, 5930-5940	15.6	40
62	Anticancer effect of realgar nanoparticles on mouse melanoma skin cancer in vivo via transdermal drug delivery. <i>Medical Oncology</i> , 2010 , 27, 203-12	3.7	38
61	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
60	Inhibition of CaMKII β Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation. <i>Advanced Science</i> , 2019 , 6, 1801233	13.6	36
59	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
58	Rare earth oxide nanocrystals as a new class of autophagy inducers. <i>Autophagy</i> , 2010 , 6, 310-1	10.2	34
57	Autophagy-mediated chemosensitization by cysteamine in cancer cells. <i>International Journal of Cancer</i> , 2011 , 129, 1087-95	7.5	33
56	Oxidative stress, apoptosis, and cell cycle arrest are induced in primary fetal alveolar type II epithelial cells exposed to fine particulate matter from cooking oil fumes. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 9728-41	5.1	32
55	Concentration-dependent effects of fulleranol on cultured hippocampal neuron viability. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3099-109	7.3	32
54	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
53	Airway epithelial cells produce stem cell factor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996 , 1314, 183-6	4.9	29
52	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. <i>Nanoscale</i> , 2016 , 8, 18740-18750	7.7	29
51	Plasmonic MoO nanoparticles incorporated in Prussian blue frameworks exhibit highly efficient dual photothermal/photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2032-2042	7.3	28
50	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. <i>Small</i> , 2018 , 14, e1703711	11	26
49	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
48	MiCroKit 3.0: an integrated database of midbody, centrosome and kinetochore. <i>Nucleic Acids Research</i> , 2010 , 38, D155-60	20.1	25
47	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticle-Induced Liver Injury. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601252	10.1	24
46	Curcumin improves alcoholic fatty liver by inhibiting fatty acid biosynthesis. <i>Toxicology and Applied Pharmacology</i> , 2017 , 328, 1-9	4.6	24

45	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
44	Lgr5 in cancer biology: functional identification of Lgr5 in cancer progression and potential opportunities for novel therapy. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 219	8.3	23
43	Rationally designed rapamycin-encapsulated ZIF-8 nanosystem for overcoming chemotherapy resistance. <i>Biomaterials</i> , 2020 , 258, 120308	15.6	23
42	Topical and Targeted Delivery of siRNAs to Melanoma Cells Using a Fusion Peptide Carrier. <i>Scientific Reports</i> , 2016 , 6, 29159	4.9	22
41	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
40	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	11.1	22
39	Blood Circulation-Prolonging Peptides for Engineered Nanoparticles Identified via Phage Display. <i>Nano Letters</i> , 2019 , 19, 1467-1478	11.5	19
38	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
37	Proteolytic cleavage of ras GTPase-activating protein during apoptosis. <i>Cell Death and Differentiation</i> , 1998 , 5, 729-34	12.7	19
36	Recent advances in peptides for enhancing transdermal macromolecular drug delivery. <i>Therapeutic Delivery</i> , 2016 , 7, 89-100	3.8	17
35	Persistency of Enlarged Autolysosomes Underscores Nanoparticle-Induced Autophagy in Hepatocytes. <i>Small</i> , 2017 , 13, 1602876	11	16
34	MnFeO nanoparticles accelerate the clearance of mutant huntingtin selectively through ubiquitin-proteasome system. <i>Biomaterials</i> , 2019 , 216, 119248	15.6	15
33	The role of low levels of fullerene C60 nanocrystals on enhanced learning and memory of rats through persistent CaMKII activation. <i>Biomaterials</i> , 2014 , 35, 9269-79	15.6	15
32	Vacuolization and apoptosis induced by nano-selenium in HeLa cell line. <i>Science China Chemistry</i> , 2010 , 53, 2272-2278	7.9	14
31	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , 2020 , 475, 34-42	9.9	12
30	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <i>Nanotoxicology</i> , 2019 , 13, 354-368	5.3	11
29	Lanthanide co-doped paramagnetic spindle-like mesocrystals for imaging and autophagy induction. <i>Nanoscale</i> , 2016 , 8, 13399-406	7.7	11
28	Cell blebbing upon addition of cryoprotectants: a self-protection mechanism. <i>PLoS ONE</i> , 2015 , 10, e0125746	5.4	11

27	Antioxidant and anti-inflammatory activities of ethyl acetate extract of (Kitam) leaves. <i>Experimental and Therapeutic Medicine</i> , 2017 , 14, 2303-2309	2.1	10
26	Peptide-chaperone-directed transdermal protein delivery requires energy. <i>Molecular Pharmaceutics</i> , 2014 , 11, 4015-22	5.6	10
25	Induction of a cytochrome P-450-dependent fatty acid monooxygenase in <i>Bacillus megaterium</i> by a barbiturate analog, 1-[2-phenylbutyryl]-3-methylurea. <i>Molecular and Cellular Biochemistry</i> , 1985 , 67, 77-81	4.2	10
24	Analogue of Melanotan II (MTII): A Novel Melanotropin with Superpotent Action on Frog Skin. <i>Protein and Peptide Letters</i> , 2015 , 22, 762-6	1.9	10
23	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. <i>Theranostics</i> , 2020 , 10, 11908-11920	12.1	9
22	The Ethyl Acetate Extract of Kitam. Leaves Inhibited Cervical Cancer Cell Proliferation via Induction of Autophagy. <i>BioMed Research International</i> , 2018 , 2018, 4780612	3	9
21	Analysis of CYP1A1 promoter function by transcription in vitro. <i>Molecular Carcinogenesis</i> , 1991 , 4, 93-6	5	8
20	Colorimetric Determination of Polyamidoamine Dendrimers and their Derivates using a Simple and Rapid Ninhydrin Assay. <i>Analytical Letters</i> , 2008 , 41, 444-455	2.2	7
19	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
18	Enhanced transdermal delivery of epidermal growth factor facilitated by dual peptide chaperone motifs. <i>Protein and Peptide Letters</i> , 2014 , 21, 550-5	1.9	4
17	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
16	Hoechst 33342-induced autophagy protected HeLa cells from caspase-independent cell death with the participation of ROS. <i>Free Radical Research</i> , 2012 , 46, 740-9	4	3
15	2,3,7,8-Tetrachlorodibenzo-p-dioxin induces cytochrome P450IA1 enzyme activity by activating transcription of the corresponding gene. <i>Advances in Enzyme Regulation</i> , 1991 , 31, 307-17		3
14	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
13	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
12	Microwave-Assisted Facile Synthesis of Eu(OH) Nanoclusters with Pro-Proliferative Activity Mediated by miR-199a-3p. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31044-31053	9.5	3
11	Efficient gene transfer to rat fetal osteoblastic cells by synthetic peptide vector system. <i>Protein and Peptide Letters</i> , 2009 , 16, 368-72	1.9	2
10	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> , 2016 , 26, 5950-5950	15.6	2

9	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
8	A Theoretical Study on Inhibition of Melanoma with Controlled and Targeted Delivery of siRNA via Skin Using SPACE-EGF. <i>Annals of Biomedical Engineering</i> , 2017 , 45, 1407-1419	4.7	1
7	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
6	Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. <i>Small</i> , 2021 , 17, e2102295	11	1
5	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
4	In vivo real-time monitoring of anti-factor Xa level using a microdialysis-coupled microfluidic device. <i>Talanta Open</i> , 2021 , 4, 100059	5.6	0
3	Myosin Light-Chain Kinase Inhibitors Attenuate Nanoparticles-Induced Autophagy and Cytotoxicity by Suppression Endocytosis. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 3792-3797	1.3	
2	The Application of In Vivo Extracellular Recording Technique to Study the Biological Effects of Nanoparticles in Brain. <i>Neuromethods</i> , 2018 , 171-186	0.4	
1	Hybrid Nanorings: Magnetic Alloy Nanorings Loaded with Gold Nanoparticles: Synthesis and Applications as Multimodal Imaging Contrast Agents (Adv. Funct. Mater. 21/2010). <i>Advanced Functional Materials</i> , 2010 , 20, 3618-3618	15.6	