

Long-Ping Wen

List of Publications by Year
in descending order

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116
papers

17,141
citations

38742
50
h-index

22832
112
g-index

116
all docs

116
docs citations

116
times ranked

34270
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	GPS 2.0, a Tool to Predict Kinase-specific Phosphorylation Sites in Hierarchy. Molecular and Cellular Proteomics, 2008, 7, 1598-1608.	3.8	587
4	CSS-Palm 2.0: an updated software for palmitoylation sites prediction. Protein Engineering, Design and Selection, 2008, 21, 639-644.	2.1	511
5	DOG 1.0: illustrator of protein domain structures. Cell Research, 2009, 19, 271-273.	12.0	505
6	Seed-Mediated Synthesis of Ag Nanocubes with Controllable Edge Lengths in the Range of 30~200 nm and Comparison of Their Optical Properties. Journal of the American Chemical Society, 2010, 132, 11372-11378.	13.7	380
7	Cleavage of Focal Adhesion Kinase by Caspases during Apoptosis. Journal of Biological Chemistry, 1997, 272, 26056-26061.	3.4	301
8	Facile Synthesis of Ag Nanocubes of 30 to 70 nm in Edge Length with CF ₃ COOAg as a Precursor. Chemistry - A European Journal, 2010, 16, 10234-10239.	3.3	298
9	Facile synthesis of pentacle gold-copper alloy nanocrystals and their plasmonic and catalytic properties. Nature Communications, 2014, 5, 4327.	12.8	294
10	Targeting cancer cells with biotin-dendrimer conjugates. European Journal of Medicinal Chemistry, 2009, 44, 862-868.	5.5	267
11	Targeting the brain with PEG-PLGA nanoparticles modified with phage-displayed peptides. Biomaterials, 2011, 32, 4943-4950.	11.4	252
12	Systematic study of protein sumoylation: Development of a site-specific predictor of SUMOsp 2.0. Proteomics, 2009, 9, 3409-3412.	2.2	227
13	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. Autophagy, 2014, 10, 2006-2020.	9.1	224
14	GPS-SNO: Computational Prediction of Protein S-Nitrosylation Sites with a Modified GPS Algorithm. PLoS ONE, 2010, 5, e11290.	2.5	223
15	GPS 2.1: enhanced prediction of kinase-specific phosphorylation sites with an algorithm of motif length selection. Protein Engineering, Design and Selection, 2011, 24, 255-260.	2.1	217
16	Transdermal protein delivery by a coadministered peptide identified via phage display. Nature Biotechnology, 2006, 24, 455-460.	17.5	213
17	Transdermal Delivery of Nonsteroidal Anti-Inflammatory Drugs Mediated by Polyamidoamine (PAMAM) Dendrimers**Cheng Yiyun and Wen Longping designed the experiments and wrote this manuscript, Man Na and other coauthors did the experiments and analyzed the data.. Journal of Pharmaceutical Sciences. 2007, 96, 595-602.	3.3	190
18	Evaluation of polyamidoamine (PAMAM) dendrimers as drug carriers of anti-bacterial drugs using sulfamethoxazole (SMZ) as a model drug. European Journal of Medicinal Chemistry, 2007, 42, 93-98.	5.5	172

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19	Autophagy-mediated chemosensitization in cancer cells by fullerene C60 nanocrystal. <i>Autophagy</i> , 2009, 5, 1107-1117.	9.1	164
20	Tuning the autophagy-inducing activity of lanthanide-based nanocrystals through specific surface-coating peptides. <i>Nature Materials</i> , 2012, 11, 817-826.	27.5	158
21	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, 340-347.	8.0	152
22	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.	2.1	151
23	Hydrophilic Co@Au Yolk/Shell Nanospheres: Synthesis, Assembly, and Application to Gene Delivery. <i>Advanced Materials</i> , 2010, 22, 1407-1411.	21.0	141
24	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.	12.8	139
25	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.	3.1	127
26	Core/shell Fe ₃ O ₄ /Gd ₂ O ₃ nanocubes as T ₁ -T ₂ dual modal MRI contrast agents. <i>Nanoscale</i> , 2016, 8, 12826-12833.	5.6	108
27	The complete nucleotide sequence of the mitochondrial genome of <i>Phthonandria atrilineata</i> (Lepidoptera: Geometridae). <i>Molecular Biology Reports</i> , 2009, 36, 1441-1449.	2.3	107
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.	11.4	102
29	Rare Earth Oxide Nanocrystals Induce Autophagy in HeLa Cells. <i>Small</i> , 2009, 5, 2784-2787.	10.0	96
30	Reactive oxygen species acts as executor in radiation enhancement and autophagy inducing by AgNPs. <i>Biomaterials</i> , 2016, 101, 1-9.	11.4	94
31	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <i>Biomaterials</i> , 2016, 103, 44-55.	11.4	90
32	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.	2.9	88
33	C60(Nd) nanoparticles enhance chemotherapeutic susceptibility of cancer cells by modulation of autophagy. <i>Nanotechnology</i> , 2010, 21, 495101.	2.6	87
34	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, 2044-2048.	8.0	86
35	Dexamethasone inhibits lung epithelial cell apoptosis induced by IFN- γ and Fas. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1997, 273, L921-L929.	2.9	84
36	MnO Nanocrystals: A Platform for Integration of MRI and Genuine Autophagy Induction for Chemotherapy. <i>Advanced Functional Materials</i> , 2013, 23, 1534-1546.	14.9	75

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37	Rationally designed rapamycin-encapsulated ZIF-8 nanosystem for overcoming chemotherapy resistance. <i>Biomaterials</i> , 2020, 258, 120308.	11.4	74
38	PhosSNP for Systematic Analysis of Genetic Polymorphisms That Influence Protein Phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 623-634.	3.8	72
39	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.	15.6	71
40	Enhancing tumor chemotherapy and overcoming drug resistance through autophagy-mediated intracellular dissolution of zinc oxide nanoparticles. <i>Nanoscale</i> , 2019, 11, 11789-11807.	5.6	67
41	The role of elevated autophagy on the synaptic plasticity impairment caused by CdSe/ZnS quantum dots. <i>Biomaterials</i> , 2013, 34, 10172-10181.	11.4	62
42	Is the autophagy a friend or foe in the silver nanoparticles associated radiotherapy for glioma? <i>Biomaterials</i> , 2015, 62, 47-57.	11.4	62
43	Induction of genuine autophagy by cationic lipids in mammalian cells. <i>Autophagy</i> , 2010, 6, 449-454.	9.1	60
44	CPLA 1.0: an integrated database of protein lysine acetylation. <i>Nucleic Acids Research</i> , 2011, 39, D1029-D1034.	14.5	60
45	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. <i>Biomaterials</i> , 2014, 35, 899-907.	11.4	60
46	Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 5971-5978.	14.9	60
47	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, 1075-1085.	3.3	57
48	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.	2.9	56
49	Identification of nose-to-brain homing peptide through phage display. <i>Peptides</i> , 2009, 30, 343-350.	2.4	55
50	Magnetic Alloy Nanorings Loaded with Gold Nanoparticles: Synthesis and Applications as Multimodal Imaging Contrast Agents. <i>Advanced Functional Materials</i> , 2010, 20, 3701-3706.	14.9	54
51	A Summary of Computational Resources for Protein Phosphorylation. <i>Current Protein and Peptide Science</i> , 2010, 11, 485-496.	1.4	53
52	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.	5.5	52
53	Plasmonic MoO ₃ nanoparticles incorporated in Prussian blue frameworks exhibit highly efficient dual photothermal/photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2032-2042.	5.8	51
54	Impact of Morphology on Iron Oxide Nanoparticles-Induced Inflammasome Activation in Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41197-41206.	8.0	50

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55	Induction of cyto-protective autophagy by paramontroseite VO ₂ nanocrystals. Nanotechnology, 2013, 24, 165102.	2.6	49
56	Nanoparticle as Signaling Protein Mimic: Robust Structural and Functional Modulation of CaMKII upon Specific Binding to Fullerene C60 Nanocrystals. ACS Nano, 2014, 8, 6131-6144.	14.6	49
57	Anticancer effect of realgar nanoparticles on mouse melanoma skin cancer in vivo via transdermal drug delivery. Medical Oncology, 2010, 27, 203-212.	2.5	47
58	Tuning Magnetic Property and Autophagic Response for Self-Assembled Ni-Co Alloy Nanocrystals. Advanced Functional Materials, 2013, 23, 5930-5940.	14.9	47
59	Inhibition of CaMKII \pm Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation. Advanced Science, 2019, 6, 1801233.	11.2	46
60	Characterization of the protein expressed in Escherichia coli by a recombinant plasmid containing the Bacillus megaterium cytochrome P-450BM-3 gene. Molecular and Cellular Biochemistry, 1988, 79, 63-71.	3.1	45
61	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. Environmental Science and Pollution Research, 2015, 22, 9728-9741.	5.3	45
62	Nano rare-earth oxides induced size-dependent vacuolization: an independent pathway from autophagy. International Journal of Nanomedicine, 2010, 5, 601.	6.7	43
63	Concentration-dependent effects of fullerenol on cultured hippocampal neuron viability. International Journal of Nanomedicine, 2012, 7, 3099.	6.7	39
64	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. Nanoscale, 2016, 8, 18740-18750.	5.6	39
65	Autophagy-mediated chemosensitization by cysteamine in cancer cells. International Journal of Cancer, 2011, 129, 1087-1095.	5.1	38
66	Rare earth oxide nanocrystals as a new class of autophagy inducers. Autophagy, 2010, 6, 310-311.	9.1	37
67	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. Small, 2018, 14, e1703711.	10.0	36
68	Airway epithelial cells produce stem cell factor. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1314, 183-186.	4.1	35
69	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticle-Induced Liver Injury. Advanced Healthcare Materials, 2017, 6, 1601252.	7.6	35
70	Curcumin improves alcoholic fatty liver by inhibiting fatty acid biosynthesis. Toxicology and Applied Pharmacology, 2017, 328, 1-9.	2.8	35
71	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. Theranostics, 2020, 10, 11908-11920.	10.0	33
72	Autophagic lysosomal reformation depends on mTOR reactivation in H ₂ O ₂ -induced autophagy. International Journal of Biochemistry and Cell Biology, 2016, 70, 76-81.	2.8	32

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73	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , 2020, 475, 34-42.	7.2	32
74	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.	11.4	31
75	Blood Circulation-Prolonging Peptides for Engineered Nanoparticles Identified via Phage Display. <i>Nano Letters</i> , 2019, 19, 1467-1478.	9.1	31
76	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, 143-156.	11.4	30
77	Topical and Targeted Delivery of siRNAs to Melanoma Cells Using a Fusion Peptide Carrier. <i>Scientific Reports</i> , 2016, 6, 29159.	3.3	29
78	Persistency of Enlarged Autolysosomes Underscores Nanoparticle-Induced Autophagy in Hepatocytes. <i>Small</i> , 2017, 13, 1602876.	10.0	29
79	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.	10.0	28
80	MnFe ₂ O ₄ nanoparticles accelerate the clearance of mutant huntingtin selectively through ubiquitin-proteasome system. <i>Biomaterials</i> , 2019, 216, 119248.	11.4	28
81	MiCroKit 3.0: an integrated database of midbody, centrosome and kinetochore. <i>Nucleic Acids Research</i> , 2010, 38, D155-D160.	14.5	27
82	Transdermal delivery of human epidermal growth factor facilitated by a peptide chaperon. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 405-409.	5.5	22
83	Recent advances in peptides for enhancing transdermal macromolecular drug delivery. <i>Therapeutic Delivery</i> , 2016, 7, 89-100.	2.2	22
84	Proteolytic cleavage of Ras GTPase-activating protein during apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 729-734.	11.2	20
85	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.	14.9	18
86	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, 9269-9279.	11.4	16
87	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <i>Nanotoxicology</i> , 2019, 13, 354-368.	3.0	16
88	Vacuolization and apoptosis induced by nano-selenium in HeLa cell line. <i>Science China Chemistry</i> , 2010, 53, 2272-2278.	8.2	15
89	Peptide-Chaperone-Directed Transdermal Protein Delivery Requires Energy. <i>Molecular Pharmaceutics</i> , 2014, 11, 4015-4022.	4.6	15
90	Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. <i>Small</i> , 2021, 17, e2102295.	10.0	15

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91	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.	10.0	14
92	Glutathionylation-dependent proteasomal degradation of wide-spectrum mutant p53 proteins by engineered zeolitic imidazolate framework-8. <i>Biomaterials</i> , 2021, 271, 120720.	11.4	14
93	Cell Blebbing upon Addition of Cryoprotectants: A Self-Protection Mechanism. <i>PLoS ONE</i> , 2015, 10, e0125746.	2.5	14
94	The Ethyl Acetate Extract of <i>Gynura formosana</i> Kitam. Leaves Inhibited Cervical Cancer Cell Proliferation via Induction of Autophagy. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	13
95	mTORC1-dependent TFEB nucleus translocation and pro-survival autophagy induced by zeolitic imidazolate framework-8. <i>Biomaterials Science</i> , 2020, 8, 4358-4369.	5.4	13
96	Autophagy Impairment through Lysosome Dysfunction by Brucine Induces Immunogenic Cell Death (ICD). <i>The American Journal of Chinese Medicine</i> , 2020, 48, 1915-1940.	3.8	13
97	Analogue of Melanotan II (MTII): A Novel Melanotropin with Superpotent Action on Frog Skin. <i>Protein and Peptide Letters</i> , 2015, 22, 762-766.	0.9	13
98	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.	3.1	11
99	Lanthanide co-doped paramagnetic spindle-like mesocrystals for imaging and autophagy induction. <i>Nanoscale</i> , 2016, 8, 13399-13406.	5.6	11
100	Antioxidant and anti-inflammatory activities of ethyl acetate extract of <i>Gynura formosana</i> (Kitam) leaves. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2303-2309.	1.8	11
101	Analysis of CYP1A1 promoter function by transcription in vitro. <i>Molecular Carcinogenesis</i> , 1991, 4, 93-96.	2.7	8
102	Colorimetric Determination of Polyamidoamine Dendrimers and their Derivates using a Simple and Rapid Ninhydrin Assay. <i>Analytical Letters</i> , 2008, 41, 444-455.	1.8	8
103	Role of the Na ⁺ /K ⁺ -ATPase Beta-Subunit in Peptide-Mediated Transdermal Drug Delivery. <i>Molecular Pharmaceutics</i> , 2015, 12, 1259-1267.	4.6	7
104	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.	4.0	5
105	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, 307-317.	2.6	4
106	Hoechst 33342-induced autophagy protected HeLa cells from caspase-independent cell death with the participation of ROS. <i>Free Radical Research</i> , 2012, 46, 740-749.	3.3	4
107	Microwave-Assisted Facile Synthesis of Eu(OH) ₃ Nanoclusters with Pro-Proliferative Activity Mediated by miR-199a-3p. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31044-31053.	8.0	4
108	Enhanced Transdermal Delivery of Epidermal Growth Factor Facilitated by Dual Peptide Chaperone Motifs. <i>Protein and Peptide Letters</i> , 2014, 21, 550-555.	0.9	4

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109	Efficient Gene Transfer to Rat Fetal Osteoblastic Cells by Synthetic Peptide Vector System. Protein and Peptide Letters, 2009, 16, 368-372.	0.9	2
110	Cancer Therapy: Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy (Adv. Funct. Mater. 33/2016). Advanced Functional Materials, 2016, 26, 5950-5950.	14.9	2
111	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
112	Myosin Light-Chain Kinase Inhibitors Attenuate Nanoparticles-Induced Autophagy and Cytotoxicity by Suppression Endocytosis. Journal of Nanoscience and Nanotechnology, 2019, 19, 3792-3797.	0.9	1
113	In vivo real-time monitoring of anti-factor Xa level using a microdialysis-coupled microfluidic device. Talanta Open, 2021, 4, 100059.	3.7	1
114	Hybrid Nanorings: Magnetic Alloy Nanorings Loaded with Gold Nanoparticles: Synthesis and Applications as Multimodal Imaging Contrast Agents (Adv. Funct. Mater. 21/2010). Advanced Functional Materials, 2010, 20, 3618-3618.	14.9	0
115	The Application of In Vivo Extracellular Recording Technique to Study the Biological Effects of Nanoparticles in Brain. Neuromethods, 2018, , 171-186.	0.3	0
116	Osteosarcoma Therapy: Inhibition of CaMKII β Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation (Adv. Sci. 8/2019). Advanced Science, 2019, 6, 1970051.	11.2	0