

Long-Ping Wen

List of Publications by Year in descending order

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116
papers

17,141
citations

44444

50
h-index

25983

112
g-index

116
all docs

116
docs citations

116
times ranked

37654
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	GPS 2.0, a Tool to Predict Kinase-specific Phosphorylation Sites in Hierarchy. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1598-1608.	2.5	587
4	CSS-Palm 2.0: an updated software for palmitoylation sites prediction. <i>Protein Engineering, Design and Selection</i> , 2008, 21, 639-644.	1.0	511
5	DOG 1.0: illustrator of protein domain structures. <i>Cell Research</i> , 2009, 19, 271-273.	5.7	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. <i>Journal of the American Chemical Society</i> , 2010, 132, 11372-11378.	6.6	380
7	Cleavage of Focal Adhesion Kinase by Caspases during Apoptosis. <i>Journal of Biological Chemistry</i> , 1997, 272, 26056-26061.	1.6	301
8	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, 10234-10239.	1.7	298
9	Facile synthesis of pentacle gold-copper alloy nanocrystals and their plasmonic and catalytic properties. <i>Nature Communications</i> , 2014, 5, 4327.	5.8	294
10	Targeting cancer cells with biotin dendrimer conjugates. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 862-868.	2.6	267
11	Targeting the brain with PEG-PLGA nanoparticles modified with phage-displayed peptides. <i>Biomaterials</i> , 2011, 32, 4943-4950.	5.7	252
12	Systematic study of protein sumoylation: Development of a site-specific predictor of SUMOsp 2.0. <i>Proteomics</i> , 2009, 9, 3409-3412.	1.3	227
13	Inhibition of autophagy enhances the anticancer activity of silver nanoparticles. <i>Autophagy</i> , 2014, 10, 2006-2020.	4.3	224
14	GPS-SNO: Computational Prediction of Protein S-Nitrosylation Sites with a Modified GPS Algorithm. <i>PLoS ONE</i> , 2010, 5, e11290.	1.1	223
15	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, 255-260.	1.0	217
16	Transdermal protein delivery by a coadministered peptide identified via phage display. <i>Nature Biotechnology</i> , 2006, 24, 455-460.	9.4	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.. <i>Journal of Pharmaceutical Sciences</i> . 2007, 96, 595-602.	1.6	190
18	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, 93-98.	2.6	172

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19	Autophagy-mediated chemosensitization in cancer cells by fullerene C60 nanocrystal. <i>Autophagy</i> , 2009, 5, 1107-1117.	4.3	164
20	Tuning the autophagy-inducing activity of lanthanide-based nanocrystals through specific surface-coating peptides. <i>Nature Materials</i> , 2012, 11, 817-826.	13.3	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.	3.9	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.	1.0	151
23	Hydrophilic Co@Au Yolk/Shell Nanospheres: Synthesis, Assembly, and Application to Gene Delivery. <i>Advanced Materials</i> , 2010, 22, 1407-1411.	11.1	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.	5.8	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.	1.5	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.	2.8	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.	1.0	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.	5.7	102
29	Rare Earth Oxide Nanocrystals Induce Autophagy in HeLa Cells. <i>Small</i> , 2009, 5, 2784-2787.	5.2	96
30	Reactive oxygen species acts as executor in radiation enhancement and autophagy inducing by AgNPs. <i>Biomaterials</i> , 2016, 101, 1-9.	5.7	94
31	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <i>Biomaterials</i> , 2016, 103, 44-55.	5.7	90
32	Aldose reductase regulates miR-200a-3p/141-3p to coordinate Keap1-Nrf2, Tgfr ² 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.	1.3	88
33	C60(Nd) nanoparticles enhance chemotherapeutic susceptibility of cancer cells by modulation of autophagy. <i>Nanotechnology</i> , 2010, 21, 495101.	1.3	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.	4.0	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.	1.3	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.	7.8	75

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37	Rationally designed rapamycin-encapsulated ZIF-8 nanosystem for overcoming chemotherapy resistance. <i>Biomaterials</i> , 2020, 258, 120308.	5.7	74
38	PhosSNP for Systematic Analysis of Genetic Polymorphisms That Influence Protein Phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 623-634.	2.5	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.	7.6	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.	2.8	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.	5.7	62
42	Is the autophagy a friend or foe in the silver nanoparticles associated radiotherapy for glioma? <i>Biomaterials</i> , 2015, 62, 47-57.	5.7	62
43	Induction of genuine autophagy by cationic lipids in mammalian cells. <i>Autophagy</i> , 2010, 6, 449-454.	4.3	60
44	CPLA 1.0: an integrated database of protein lysine acetylation. <i>Nucleic Acids Research</i> , 2011, 39, D1029-D1034.	6.5	60
45	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. <i>Biomaterials</i> , 2014, 35, 899-907.	5.7	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.	7.8	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.	1.6	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.	1.3	56
49	Identification of nose-to-brain homing peptide through phage display. <i>Peptides</i> , 2009, 30, 343-350.	1.2	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.	7.8	54
51	A Summary of Computational Resources for Protein Phosphorylation. <i>Current Protein and Peptide Science</i> , 2010, 11, 485-496.	0.7	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.	2.4	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.	2.9	51
54	Impact of Morphology on Iron Oxide Nanoparticles-Induced Inflammasome Activation in Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41197-41206.	4.0	50

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55	Induction of cyto-protective autophagy by paramontroseite VO ₂ nanocrystals. <i>Nanotechnology</i> , 2013, 24, 165102.	1.3	49
56	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, 6131-6144.	7.3	49
57	Anticancer effect of realgar nanoparticles on mouse melanoma skin cancer in vivo via transdermal drug delivery. <i>Medical Oncology</i> , 2010, 27, 203-212.	1.2	47
58	Tuning Magnetic Property and Autophagic Response for Self-Assembled Ni-Co Alloy Nanocrystals. <i>Advanced Functional Materials</i> , 2013, 23, 5930-5940.	7.8	47
59	Inhibition of CaMKII \pm Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation. <i>Advanced Science</i> , 2019, 6, 1801233.	5.6	46
60	Characterization of the protein expressed in <i>Escherichia coli</i> by a recombinant plasmid containing the <i>Bacillus megaterium</i> cytochrome P-450BM-3 gene. <i>Molecular and Cellular Biochemistry</i> , 1988, 79, 63-71.	1.4	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. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9728-9741.	2.7	45
62	Nano rare-earth oxides induced size-dependent vacuolization: an independent pathway from autophagy. <i>International Journal of Nanomedicine</i> , 2010, 5, 601.	3.3	43
63	Concentration-dependent effects of fullerene on cultured hippocampal neuron viability. <i>International Journal of Nanomedicine</i> , 2012, 7, 3099.	3.3	39
64	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. <i>Nanoscale</i> , 2016, 8, 18740-18750.	2.8	39
65	Autophagy-mediated chemosensitization by cysteamine in cancer cells. <i>International Journal of Cancer</i> , 2011, 129, 1087-1095.	2.3	38
66	Rare earth oxide nanocrystals as a new class of autophagy inducers. <i>Autophagy</i> , 2010, 6, 310-311.	4.3	37
67	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. <i>Small</i> , 2018, 14, e1703711.	5.2	36
68	Airway epithelial cells produce stem cell factor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1314, 183-186.	1.9	35
69	Inhibition of Kupffer Cell Autophagy Abrogates Nanoparticle-Induced Liver Injury. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601252.	3.9	35
70	Curcumin improves alcoholic fatty liver by inhibiting fatty acid biosynthesis. <i>Toxicology and Applied Pharmacology</i> , 2017, 328, 1-9.	1.3	35
71	Graphene oxide improves postoperative cognitive dysfunction by maximally alleviating amyloid beta burden in mice. <i>Theranostics</i> , 2020, 10, 11908-11920.	4.6	33
72	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.	1.2	32

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73	Autophagy regulation as a promising approach for improving cancer immunotherapy. <i>Cancer Letters</i> , 2020, 475, 34-42.	3.2	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.	5.7	31
75	Blood Circulation-Prolonging Peptides for Engineered Nanoparticles Identified via Phage Display. <i>Nano Letters</i> , 2019, 19, 1467-1478.	4.5	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.	5.7	30
77	Topical and Targeted Delivery of siRNAs to Melanoma Cells Using a Fusion Peptide Carrier. <i>Scientific Reports</i> , 2016, 6, 29159.	1.6	29
78	Persistency of Enlarged Autolysosomes Underscores Nanoparticle-Induced Autophagy in Hepatocytes. <i>Small</i> , 2017, 13, 1602876.	5.2	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.	5.2	28
80	MnFe ₂ O ₄ nanoparticles accelerate the clearance of mutant huntingtin selectively through ubiquitin-proteasome system. <i>Biomaterials</i> , 2019, 216, 119248.	5.7	28
81	MiCroKit 3.0: an integrated database of midbody, centrosome and kinetochore. <i>Nucleic Acids Research</i> , 2010, 38, D155-D160.	6.5	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.	2.6	22
83	Recent advances in peptides for enhancing transdermal macromolecular drug delivery. <i>Therapeutic Delivery</i> , 2016, 7, 89-100.	1.2	22
84	Proteolytic cleavage of Ras GTPase-activating protein during apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 729-734.	5.0	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.	7.8	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.	5.7	16
87	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <i>Nanotoxicology</i> , 2019, 13, 354-368.	1.6	16
88	Vacuolization and apoptosis induced by nano-selenium in HeLa cell line. <i>Science China Chemistry</i> , 2010, 53, 2272-2278.	4.2	15
89	Peptide-Chaperone-Directed Transdermal Protein Delivery Requires Energy. <i>Molecular Pharmaceutics</i> , 2014, 11, 4015-4022.	2.3	15
90	Photoresponsive PAMAM-Assembled Nanocarrier Loaded with Autophagy Inhibitor for Synergistic Cancer Therapy. <i>Small</i> , 2021, 17, e2102295.	5.2	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.	4.6	14
92	Glutathionylation-dependent proteasomal degradation of wide-spectrum mutant p53 proteins by engineered zeolitic imidazolate framework-8. <i>Biomaterials</i> , 2021, 271, 120720.	5.7	14
93	Cell Blebbing upon Addition of Cryoprotectants: A Self-Protection Mechanism. <i>PLoS ONE</i> , 2015, 10, e0125746.	1.1	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.	0.9	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.	2.6	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.	1.5	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.	0.4	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.	1.4	11
99	Lanthanide co-doped paramagnetic spindle-like mesocrystals for imaging and autophagy induction. <i>Nanoscale</i> , 2016, 8, 13399-13406.	2.8	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.	0.8	11
101	Analysis of CYP1A1 promoter function by transcription in vitro. <i>Molecular Carcinogenesis</i> , 1991, 4, 93-96.	1.3	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.	1.0	8
103	Role of the Na ⁺ /K ⁺ -ATPase Beta-Subunit in Peptide-Mediated Transdermal Drug Delivery. <i>Molecular Pharmaceutics</i> , 2015, 12, 1259-1267.	2.3	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.	2.1	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.	2.9	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.	1.5	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.	4.0	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.	0.4	4

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109	Efficient Gene Transfer to Rat Fetal Osteoblastic Cells by Synthetic Peptide Vector System. <i>Protein and Peptide Letters</i> , 2009, 16, 368-372.	0.4	2
110	Cancer Therapy: Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophothermal Therapy (<i>Adv. Funct. Mater.</i> 33/2016). <i>Advanced Functional Materials</i> , 2016, 26, 5950-5950.	7.8	2
111	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.	1.3	1
112	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.	0.9	1
113	In vivo real-time monitoring of anti-factor Xa level using a microdialysis-coupled microfluidic device. <i>Talanta Open</i> , 2021, 4, 100059.	1.7	1
114	Hybrid Nanorings: Magnetic Alloy Nanorings Loaded with Gold Nanoparticles: Synthesis and Applications as Multimodal Imaging Contrast Agents (<i>Adv. Funct. Mater.</i> 21/2010). <i>Advanced Functional Materials</i> , 2010, 20, 3618-3618.	7.8	0
115	The Application of In Vivo Extracellular Recording Technique to Study the Biological Effects of Nanoparticles in Brain. <i>NeuroMethods</i> , 2018, , 171-186.	0.2	0
116	Osteosarcoma Therapy: Inhibition of CaMKII β Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation (<i>Adv. Sci.</i> 8/2019). <i>Advanced Science</i> , 2019, 6, 1970051.	5.6	0