Heesun Cheong

List of Publications by Year
in descending order

49 papers	10,073 citations	304743 22 h-index	223800 46 g-index
49 all docs	49 docs citations	49 times ranked	22129 citing authors

#	Article	IF	Citations
1	Targeted Inhibition of O-Linked Î²-N-Acetylglucosamine Transferase as a Promising Therapeutic Strategy to Restore Chemosensitivity and Attenuate Aggressive Tumor Traits in Chemoresistant Urothelial Carcinoma of the Bladder. Biomedicines, 2022, 10, 1162.	3.2	1
2	Vac8 determines phagophore assembly site vacuolar localization during nitrogen starvation-induced autophagy. Autophagy, 2021, 17, 1636-1648.	9.1	22
3	GSK3B induces autophagy by phosphorylating ULK1. Experimental and Molecular Medicine, 2021, 53, 369-383.	7.7	31
4	BSA/Silver Nanoparticle-Loaded Hydrogel Film for Local Photothermal Treatment of Skin Cancer. Pharmaceutical Research, 2021, 38, 873-883.	3.5	19
5	ATG101 Degradation by HUWE1-Mediated Ubiquitination Impairs Autophagy and Reduces Survival in Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 9182.	4.1	6
6	Distinct metabolic preference of atypical KRAS mutant. Annals of Translational Medicine, 2020, 8, 1326-1326.	1.7	0
7	ICG-Loaded PEGylated BSA-Silver Nanoparticles for Effective Photothermal Cancer Therapy . International Journal of Nanomedicine, 2020, Volume 15, 5459-5471.	6.7	64
8	Structural Insight on Functional Regulation of Human MINERVA Protein. International Journal of Molecular Sciences, 2020, 21, 8186.	4.1	2
9	Drug Delivery Strategies for Enhancing the Therapeutic Efficacy of Toxin-Derived Anti-Diabetic Peptides. Toxins, 2020, 12, 313.	3.4	9
10	Development and characterization of a superabsorbing hydrogel film containing Ulmus davidiana var. Japonica root bark and pullulan for skin wound healing. Saudi Pharmaceutical Journal, 2020, 28, 791-802.	2.7	12
11	Hydroxychloroquine-loaded hollow mesoporous silica nanoparticles for enhanced autophagy inhibition and radiation therapy. Journal of Controlled Release, 2020, 325, 100-110.	9.9	43
12	NEDD4L downregulates autophagy and cell growth by modulating ULK1 and a glutamine transporter. Cell Death and Disease, 2020, 11, 38.	6.3	61
13	Dexamethasone Interferes with Autophagy and Affects Cell Survival in Irradiated Malignant Glioma Cells. Journal of Korean Neurosurgical Society, 2020, 63, 566-578.	1.2	4
14	EI24, as a Component of Autophagy, Is Involved in Pancreatic Cell Proliferation. Frontiers in Oncology, 2019, 9, 652.	2.8	13
15	Subgroup-specific prognostic signaling and metabolic pathways in pediatric medulloblastoma. BMC Cancer, 2019, 19, 571.	2.6	40
16	Protein kinase CK2-dependent aerobic glycolysis-induced lactate dehydrogenase A enhances the migration and invasion of cancer cells. Scientific Reports, 2019, 9, 5337.	3.3	21
17	The Role of ZNF143 in Breast Cancer Cell Survival Through the NAD(P)H Quinone Dehydrogenase 1â€“p53â€“Beclin1 Axis Under Metabolic Stress. Cells, 2019, 8, 296.	4.1	15
18	Genetic engineering and characterisation of chlorotoxin-fused gelonin for enhanced glioblastoma therapy. Journal of Drug Targeting, 2019, 27, 950-958.	4.4	15

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19	Transglutaminase 2 Promotes Autophagy by LC3 Induction through p53 Depletion in Cancer Cell. Biomolecules and Therapeutics, 2019, 27, 34-40.	2.4	16
20	The deubiquitinating enzyme USP20 stabilizes ULK1 and promotes autophagy initiation. EMBO Reports, 2018, 19, .	4.5	39
21	The C-terminal region of ATG101 bridges ULK1 and PtdIns3K complex in autophagy initiation. Autophagy, 2018, 14, 2104-2116.	9.1	40
22	Tandem-multimeric F3-gelonin fusion toxins for enhanced anti-cancer activity for prostate cancer treatment. International Journal of Pharmaceutics, 2017, 524, 101-110.	5.2	12
23	REP1 Modulates Autophagy and Macropinocytosis to Enhance Cancer Cell Survival. International Journal of Molecular Sciences, 2017, 18, 1866.	4.1	7
24	Role of Autophagy in Cancer Metabolism. , 2016, , .		1
25	Autophagy is required for PDAC glutamine metabolism. Scientific Reports, 2016, 6, 37594.	3.3	71
26	Migration and invasion of drug-resistant lung adenocarcinoma cells are dependent on mitochondrial activity. Experimental and Molecular Medicine, 2016, 48, e277-e277.	7.7	49
27	Osterix represses adipogenesis by negatively regulating PPARÎ³ transcriptional activity. Scientific Reports, 2016, 6, 35655.	3.3	19
28	Investigation of early and advanced stages in ovarian cancer using human plasma by differential scanning calorimetry and mass spectrometry. Archives of Pharmacal Research, 2016, 39, 668-676.	6.3	15
29	Preparation and Characterization of Gelonin-Melittin Fusion Biotoxin for Synergistically Enhanced Anti-Tumor Activity. Pharmaceutical Research, 2016, 33, 2218-2228.	3.5	24
30	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
31	mTORC1 regulates nutrient access in Ras-mediated tumors. Aging, 2016, 8, 1165-1166.	3.1	2
32	Integrating autophagy and metabolism in cancer. Archives of Pharmacal Research, 2015, 38, 358-371.	6.3	32
33	Yin Yang 1 is a multi-functional regulator of adipocyte differentiation in 3T3-L1 cells. Molecular and Cellular Endocrinology, 2015, 413, 217-227.	3.2	10
34	Src enhances osteogenic differentiation through phosphorylation of Osterix. Molecular and Cellular Endocrinology, 2015, 407, 85-97.	3.2	18
35	mTORC1 maintains metabolic balance. Cell Research, 2015, 25, 1085-1086.	12.0	2
36	Prolyl isomerase Pin1 regulates the osteogenic activity of Osterix. Molecular and Cellular Endocrinology, 2015, 400, 32-40.	3.2	15

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37	Catabolic pathways regulated by mTORC1 are pivotal for survival and growth of cancer cells expressing mutant Ras. Oncotarget, 2015, 6, 40405-40417.	1.8	19
38	Detection ofSaccharomyces cerevisiaeAtg13 by western blot. Autophagy, 2014, 10, 514-517.	9.1	15
39	Analysis of a lung defect in autophagy-deficient mouse strains. Autophagy, 2014, 10, 45-56.	9.1	59
40	Cell-Penetrating Peptide-Mediated Topical Delivery of Biomacromolecular Drugs. Current Pharmaceutical Biotechnology, 2014, 15, 231-239.	1.6	18
41	Atg29 phosphorylation regulates coordination of the Atg17-Atg31-Atg29 complex with the Atg11 scaffold during autophagy initiation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2875-84.	7.1	81
42	Therapeutic targets in cancer cell metabolism and autophagy. Nature Biotechnology, 2012, 30, 671-678.	17.5	310
43	Autophagy and ammonia. Autophagy, 2012, 8, 122-123.	9.1	28
44	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
45	Ammonia-induced autophagy is independent of ULK1/ULK2 kinases. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11121-11126.	7.1	311
46	Chapter 1 Biochemical Methods to Monitor Autophagyâ€Related Processes in Yeast. Methods in Enzymology, 2008, 451, 1-26.	1.0	158
47	In vivo reconstitution of autophagy in Saccharomyces cerevisiae . Journal of Cell Biology, 2008, 182, 703-713.	5.2	61
48	The Atg1 Kinase Complex Is Involved in the Regulation of Protein Recruitment to Initiate Sequestering Vesicle Formation for Nonspecific Autophagy inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2008, 19, 668-681.	2.1	233
49	Atg17 Regulates the Magnitude of the Autophagic Response. Molecular Biology of the Cell, 2005, 16, 3438-3453.	2.1	207