

Heesun Cheong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8112742/publications.pdf>

Version: 2024-02-01

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Ammonia-induced autophagy is independent of ULK1/ULK2 kinases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11121-11126.	7.1	311
4	Therapeutic targets in cancer cell metabolism and autophagy. <i>Nature Biotechnology</i> , 2012, 30, 671-678.	17.5	310
5	The Atg1 Kinase Complex Is Involved in the Regulation of Protein Recruitment to Initiate Sequestering Vesicle Formation for Nonspecific Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2008, 19, 668-681.	2.1	233
6	Atg17 Regulates the Magnitude of the Autophagic Response. <i>Molecular Biology of the Cell</i> , 2005, 16, 3438-3453.	2.1	207
7	Chapter 1 Biochemical Methods to Monitor Autophagy-Related Processes in Yeast. <i>Methods in Enzymology</i> , 2008, 451, 1-26.	1.0	158
8	Atg29 phosphorylation regulates coordination of the Atg17-Atg31-Atg29 complex with the Atg11 scaffold during autophagy initiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2875-84.	7.1	81
9	Autophagy is required for PDAC glutamine metabolism. <i>Scientific Reports</i> , 2016, 6, 37594.	3.3	71
10	<p>ICG-Loaded PEGylated BSA-Silver Nanoparticles for Effective Photothermal Cancer Therapy</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5459-5471.	6.7	64
11	In vivo reconstitution of autophagy in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2008, 182, 703-713.	5.2	61
12	NEDD4L downregulates autophagy and cell growth by modulating ULK1 and a glutamine transporter. <i>Cell Death and Disease</i> , 2020, 11, 38.	6.3	61
13	Analysis of a lung defect in autophagy-deficient mouse strains. <i>Autophagy</i> , 2014, 10, 45-56.	9.1	59
14	Migration and invasion of drug-resistant lung adenocarcinoma cells are dependent on mitochondrial activity. <i>Experimental and Molecular Medicine</i> , 2016, 48, e277-e277.	7.7	49
15	Hydroxychloroquine-loaded hollow mesoporous silica nanoparticles for enhanced autophagy inhibition and radiation therapy. <i>Journal of Controlled Release</i> , 2020, 325, 100-110.	9.9	43
16	The C-terminal region of ATG101 bridges ULK1 and PtdIns3K complex in autophagy initiation. <i>Autophagy</i> , 2018, 14, 2104-2116.	9.1	40
17	Subgroup-specific prognostic signaling and metabolic pathways in pediatric medulloblastoma. <i>BMC Cancer</i> , 2019, 19, 571.	2.6	40
18	The deubiquitinating enzyme USP20 stabilizes ULK1 and promotes autophagy initiation. <i>EMBO Reports</i> , 2018, 19, .	4.5	39

#	ARTICLE	IF	CITATIONS
19	Integrating autophagy and metabolism in cancer. Archives of Pharmacal Research, 2015, 38, 358-371.	6.3	32
20	GSK3B induces autophagy by phosphorylating ULK1. Experimental and Molecular Medicine, 2021, 53, 369-383.	7.7	31
21	Autophagy and ammonia. Autophagy, 2012, 8, 122-123.	9.1	28
22	Preparation and Characterization of Gelonin-Melittin Fusion Biotxin for Synergistically Enhanced Anti-Tumor Activity. Pharmaceutical Research, 2016, 33, 2218-2228.	3.5	24
23	Vac8 determines phagophore assembly site vacuolar localization during nitrogen starvation-induced autophagy. Autophagy, 2021, 17, 1636-1648.	9.1	22
24	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
25	Osterix represses adipogenesis by negatively regulating PPAR γ transcriptional activity. Scientific Reports, 2016, 6, 35655.	3.3	19
26	BSA/Silver Nanoparticle-Loaded Hydrogel Film for Local Photothermal Treatment of Skin Cancer. Pharmaceutical Research, 2021, 38, 873-883.	3.5	19
27	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
28	Src enhances osteogenic differentiation through phosphorylation of Osterix. Molecular and Cellular Endocrinology, 2015, 407, 85-97.	3.2	18
29	Cell-Penetrating Peptide-Mediated Topical Delivery of Biomacromolecular Drugs. Current Pharmaceutical Biotechnology, 2014, 15, 231-239.	1.6	18
30	Transglutaminase 2 Promotes Autophagy by LC3 Induction through p53 Depletion in Cancer Cell. Biomolecules and Therapeutics, 2019, 27, 34-40.	2.4	16
31	Detection of <i>Saccharomyces cerevisiae</i> Atg13 by western blot. Autophagy, 2014, 10, 514-517.	9.1	15
32	Prolyl isomerase Pin1 regulates the osteogenic activity of Osterix. Molecular and Cellular Endocrinology, 2015, 400, 32-40.	3.2	15
33	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
34	The Role of ZNF143 in Breast Cancer Cell Survival Through the NAD(P)H Quinone Dehydrogenase 1 α -p53 β -Beclin1 Axis Under Metabolic Stress. Cells, 2019, 8, 296.	4.1	15
35	Genetic engineering and characterisation of chlorotoxin-fused gelonin for enhanced glioblastoma therapy. Journal of Drug Targeting, 2019, 27, 950-958.	4.4	15
36	EI24, as a Component of Autophagy, Is Involved in Pancreatic Cell Proliferation. Frontiers in Oncology, 2019, 9, 652.	2.8	13

#	ARTICLE	IF	CITATIONS
37	Tandem-multimeric F3-gelonin fusion toxins for enhanced anti-cancer activity for prostate cancer treatment. <i>International Journal of Pharmaceutics</i> , 2017, 524, 101-110.	5.2	12
38	Development and characterization of a superabsorbing hydrogel film containing <i>Ulmus davidiana</i> var. <i>Japonica</i> root bark and pullulan for skin wound healing. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 791-802.	2.7	12
39	Yin Yang 1 is a multi-functional regulator of adipocyte differentiation in 3T3-L1 cells. <i>Molecular and Cellular Endocrinology</i> , 2015, 413, 217-227.	3.2	10
40	Drug Delivery Strategies for Enhancing the Therapeutic Efficacy of Toxin-Derived Anti-Diabetic Peptides. <i>Toxins</i> , 2020, 12, 313.	3.4	9
41	REP1 Modulates Autophagy and Macropinocytosis to Enhance Cancer Cell Survival. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1866.	4.1	7
42	ATG101 Degradation by HUWE1-Mediated Ubiquitination Impairs Autophagy and Reduces Survival in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9182.	4.1	6
43	Dexamethasone Interferes with Autophagy and Affects Cell Survival in Irradiated Malignant Glioma Cells. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 566-578.	1.2	4
44	mTORC1 maintains metabolic balance. <i>Cell Research</i> , 2015, 25, 1085-1086.	12.0	2
45	Structural Insight on Functional Regulation of Human MINERVA Protein. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8186.	4.1	2
46	mTORC1 regulates nutrient access in Ras-mediated tumors. <i>Aging</i> , 2016, 8, 1165-1166.	3.1	2
47	Role of Autophagy in Cancer Metabolism. , 2016, , .		1
48	Targeted Inhibition of O-Linked β -N-Acetylglucosamine Transferase as a Promising Therapeutic Strategy to Restore Chemosensitivity and Attenuate Aggressive Tumor Traits in Chemoresistant Urothelial Carcinoma of the Bladder. <i>Biomedicines</i> , 2022, 10, 1162.	3.2	1
49	Distinct metabolic preference of atypical KRAS mutant. <i>Annals of Translational Medicine</i> , 2020, 8, 1326-1326.	1.7	0