

# Han-Ming Shen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

232  
papers

23,559  
citations

76  
h-index

150  
g-index

245  
ext. papers

26,404  
ext. citations

8  
avg, IF

6.93  
L-index

#	Paper	IF	Citations
232	Impairment of the autophagy-lysosomal pathway in Alzheimer $\beta$ diseases: Pathogenic mechanisms and therapeutic potential.. <i>Acta Pharmaceutica Sinica B</i> , <b>2022</b> , 12, 1019-1040	15.5	6
231	Amelioration of Alzheimer $\beta$ disease pathology by mitophagy inducers identified via machine learning and a cross-species workflow.. <i>Nature Biomedical Engineering</i> , <b>2022</b> , 6, 76-93	19	14
230	O-GlcNAcylation promotes fatty acid synthase activity under nutritional stress as a pro-survival mechanism in cancer cells.. <i>Proteomics</i> , <b>2022</b> , e2100175	4.8	0
229	NAMPT mitigates colitis severity by supporting redox-sensitive activation of phagocytosis in inflammatory macrophages.. <i>Redox Biology</i> , <b>2022</b> , 50, 102237	11.3	0
228	Toosendanin, a novel potent vacuolar-type H-translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 2684-2702	11.2	1
227	Post-translational Modification in Control of SIRT1 Stability during DNA Damage Response.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 2655-2669	11.2	
226	WIPI2 positively regulates mitophagy by promoting mitochondrial recruitment of VCP.. <i>Autophagy</i> , <b>2022</b> , 1-15	10.2	0
225	PFKP alleviates glucose starvation-induced metabolic stress in lung cancer cells via AMPK-ACC2 dependent fatty acid oxidation. <i>Cell Discovery</i> , <b>2022</b> , 8,	22.3	2
224	Mito-Bomb: Targeting Mitochondria for Cancer Therapy (Adv. Mater. 43/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170340	24	
223	Full-coverage regulations of autophagy by ROS: from induction to maturation. <i>Autophagy</i> , <b>2021</b> , 1-16	10.2	12
222	Cholesterol-enriched membrane micro-domain deficiency induces doxorubicin resistance via promoting autophagy in breast cancer. <i>Molecular Therapy - Oncolytics</i> , <b>2021</b> , 23, 311-329	6.4	2
221	Oxidative stress-mediated AMPK inactivation determines the high susceptibility of LKB1-mutant NSCLC cells to glucose starvation. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 166, 128-139	7.8	4
220	DUSP16 promotes cancer chemoresistance through regulation of mitochondria-mediated cell death. <i>Nature Communications</i> , <b>2021</b> , 12, 2284	17.4	6
219	Epigenetic Regulation of Autophagy Beyond the Cytoplasm: A Review. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 675599	5.7	2
218	Synergistic effects of autophagy/mitophagy inhibitors and magnolol promote apoptosis and antitumor efficacy.. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 3966-3982	15.5	3
217	A Destiny for Degradation: Interplay between Cullin-RING E3 Ligases and Autophagy. <i>Trends in Cell Biology</i> , <b>2021</b> , 31, 432-444	18.3	5
216	Tailorable Membrane-Penetrating Nanoplatfor for Highly Efficient Organelle-Specific Localization. <i>Small</i> , <b>2021</b> , 17, e2101440	11	1

215	Ticagrelor inhibits the NLRP3 inflammasome to protect against inflammatory disease independent of the P2Y signaling pathway. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 1278-1289	15.4	13
214	Garciesculenxanthone B induces PINK1-Parkin-mediated mitophagy and prevents ischemia-reperfusion brain injury in mice. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 199-208	8	12
213	Quercetin induces p53-independent cancer cell death through lysosome activation by the transcription factor EB and Reactive Oxygen Species-dependent ferroptosis. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 1133-1148	8.6	25
212	Mono-2-ethylhexyl phthalate drives progression of PINK1-parkin-mediated mitophagy via increasing mitochondrial ROS to exacerbate cytotoxicity. <i>Redox Biology</i> , <b>2021</b> , 38, 101776	11.3	11
211	Oxidative Stress in Cell Signaling and Cell Fate Determination Under Glucose Starvation <b>2021</b> , 293-323		
210	Hydroxychloroquine/Chloroquine as Therapeutics for COVID-19: Truth under the Mystery. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 1538-1546	11.2	12
209	Essential role for autophagy protein VMP1 in maintaining neuronal homeostasis and preventing axonal degeneration. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 116	9.8	5
208	Mito-Bomb: Targeting Mitochondria for Cancer Therapy. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007778	24	21
207	Photodynamic therapy accelerates skin wound healing through promoting re-epithelialization. <i>Burns and Trauma</i> , <b>2021</b> , 9, tkab008	5.3	2
206	The Long and the Short of PTEN in the Regulation of Mitophagy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 299	5.7	6
205	Seeing is believing: a novel tool for quantitating mitophagy. <i>Cell Research</i> , <b>2020</b> , 30, 715-716	24.7	0
204	Targeting the Endocytic Pathway and Autophagy Process as a Novel Therapeutic Strategy in COVID-19. <i>International Journal of Biological Sciences</i> , <b>2020</b> , 16, 1724-1731	11.2	275
203	3-O-acetylruibianol C (3AR-C) induces RIPK1-dependent programmed cell death by selective inhibition of IKK. <i>FASEB Journal</i> , <b>2020</b> , 34, 4369-4383	0.9	1
202	Bone marrow stromal cell-derived growth inhibitor serves as a stress sensor to induce autophagy. <i>FEBS Letters</i> , <b>2020</b> , 594, 1248-1260	3.8	1
201	Dual role of oxidative stress-JNK activation in autophagy and apoptosis induced by nickel oxide nanoparticles in human cancer cells. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 153, 173-186	7.8	14
200	Post-translational Modifications of Key Machinery in the Control of Mitophagy. <i>Trends in Biochemical Sciences</i> , <b>2020</b> , 45, 58-75	10.3	43
199	Autophagy and Tumor Database: ATdb, a novel database connecting autophagy and tumor. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2020</b> , 2020,	5	4
198	The Role of Autophagy in Liver Cancer: Crosstalk in Signaling Pathways and Potential Therapeutic Targets. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	12

197	The ALS-FTD-linked gene product, C9orf72, regulates neuronal morphogenesis via autophagy. <i>Autophagy</i> , <b>2019</b> , 15, 827-842	10.2	34
196	STX17 dynamically regulated by Fis1 induces mitophagy via hierarchical macroautophagic mechanism. <i>Nature Communications</i> , <b>2019</b> , 10, 2059	17.4	52
195	Lysosomal inhibition attenuates peroxisomal gene transcription via suppression of PPARA and PPARGC1A levels. <i>Autophagy</i> , <b>2019</b> , 15, 1455-1459	10.2	19
194	Suppression of autophagy during mitosis via CUL4-RING ubiquitin ligases-mediated WIPI2 polyubiquitination and proteasomal degradation. <i>Autophagy</i> , <b>2019</b> , 15, 1917-1934	10.2	25
193	Critical role of AMPK in redox regulation under glucose starvation. <i>Redox Biology</i> , <b>2019</b> , 25, 101154	11.3	53
192	Dysregulated autophagy in COPD: A pathogenic process to be deciphered. <i>Pharmacological Research</i> , <b>2019</b> , 144, 1-7	10.2	21
191	Targeted metabolomics reveals differential biological effects of nanoplastics and nanoZnO in human lung cells. <i>Nanotoxicology</i> , <b>2019</b> , 13, 1117-1132	5.3	68
190	A Novel Scoring System for Pivotal Autophagy-Related Genes Predicts Outcomes after Chemotherapy in Advanced Ovarian Cancer Patients. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 2106-2114	4	5
189	Myricetin inhibits NLRP3 inflammasome activation via reduction of ROS-dependent ubiquitination of ASC and promotion of ROS-independent NLRP3 ubiquitination. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 365, 19-29	4.6	24
188	Oblongifolin C suppresses lysosomal function independently of TFEB nuclear translocation. <i>Acta Pharmacologica Sinica</i> , <b>2019</b> , 40, 929-937	8	7
187	Dual role of autophagy in hallmarks of cancer. <i>Oncogene</i> , <b>2018</b> , 37, 1142-1158	9.2	288
186	Cubic membrane formation supports cell survival of amoeba Chaos under starvation-induced stress. <i>Protoplasma</i> , <b>2018</b> , 255, 517-525	3.4	8
185	SAHA and cisplatin sensitize gastric cancer cells to doxorubicin by induction of DNA damage, apoptosis and perturbation of AMPK-mTOR signalling. <i>Experimental Cell Research</i> , <b>2018</b> , 370, 283-291	4.2	12
184	Importance of TFEB acetylation in control of its transcriptional activity and lysosomal function in response to histone deacetylase inhibitors. <i>Autophagy</i> , <b>2018</b> , 14, 1043-1059	10.2	41
183	PTEN-L puts a brake on mitophagy. <i>Autophagy</i> , <b>2018</b> , 14, 2023-2025	10.2	9
182	Targeting the potent Beclin 1-UVRAG coiled-coil interaction with designed peptides enhances autophagy and endolysosomal trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E5669-E5678	11.5	30
181	Andrographolide simultaneously augments Nrf2 antioxidant defense and facilitates autophagic flux blockade in cigarette smoke-exposed human bronchial epithelial cells. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 360, 120-130	4.6	29
180	Docetaxel enhances lysosomal function through TFEB activation. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 614	9.8	16

179	PTEN-L is a novel protein phosphatase for ubiquitin dephosphorylation to inhibit PINK1-Parkin-mediated mitophagy. <i>Cell Research</i> , <b>2018</b> , 28, 787-802	24.7	76
178	Nonradioactive quantification of autophagic protein degradation with L-azidohomoalanine labeling. <i>Nature Protocols</i> , <b>2017</b> , 12, 279-288	18.8	32
177	Dietary restriction protects against diethylnitrosamine-induced hepatocellular tumorigenesis by restoring the disturbed gene expression profile. <i>Scientific Reports</i> , <b>2017</b> , 7, 43745	4.9	13
176	Importance of ROS-mediated autophagy in determining apoptotic cell death induced by physapubescin B. <i>Redox Biology</i> , <b>2017</b> , 12, 198-207	11.3	44
175	Long non-coding RNA linc00673 regulated non-small cell lung cancer proliferation, migration, invasion and epithelial mesenchymal transition by sponging miR-150-5p. <i>Molecular Cancer</i> , <b>2017</b> , 16, 118	42.1	188
174	Recent advances in quantitative and chemical proteomics for autophagy studies. <i>Autophagy</i> , <b>2017</b> , 13, 1472-1486	10.2	19
173	Artemisinin as an anticancer drug: Recent advances in target profiling and mechanisms of action. <i>Medicinal Research Reviews</i> , <b>2017</b> , 37, 1492-1517	14.4	119
172	Mechanistic Investigation of the Specific Anticancer Property of Artemisinin and Its Combination with Aminolevulinic Acid for Enhanced Anticancer Activity. <i>ACS Central Science</i> , <b>2017</b> , 3, 743-750	16.8	60
171	Target identification with quantitative activity based protein profiling (ABPP). <i>Proteomics</i> , <b>2017</b> , 17, 1600-1612	12	26
170	Polyphyllin I induces mitophagic and apoptotic cell death in human breast cancer cells by increasing mitochondrial PINK1 levels. <i>Oncotarget</i> , <b>2017</b> , 8, 10359-10374	3.3	40
169	Proteomic Profiling of De Novo Protein Synthesis in Starvation-Induced Autophagy Using Bioorthogonal Noncanonical Amino Acid Tagging. <i>Methods in Enzymology</i> , <b>2017</b> , 588, 41-59	1.7	11
168	Drug Target Identification Using an iTRAQ-Based Quantitative Chemical Proteomics Approach-Based on a Target Profiling Study of Andrographolide. <i>Methods in Enzymology</i> , <b>2017</b> , 586, 291-309	1.7	9
167	Chronically high level of induction causes both hepatocellular carcinoma and cholangiocarcinoma via a dominant Erk pathway in zebrafish. <i>Oncotarget</i> , <b>2017</b> , 8, 77096-77109	3.3	15
166	CRISPR system for genome engineering: the application for autophagy study. <i>BMB Reports</i> , <b>2017</b> , 50, 247-256	5.5	1
165	Terminalia Chebula provides protection against dual modes of necroptotic and apoptotic cell death upon death receptor ligation. <i>Scientific Reports</i> , <b>2016</b> , 6, 25094	4.9	10
164	In situ Proteomic Profiling of Curcumin Targets in HCT116 Colon Cancer Cell Line. <i>Scientific Reports</i> , <b>2016</b> , 6, 22146	4.9	56
163	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
162	Pharmacological inhibitors of autophagy as novel cancer therapeutic agents. <i>Pharmacological Research</i> , <b>2016</b> , 105, 164-75	10.2	71

161	FBS or BSA Inhibits EGCG Induced Cell Death through Covalent Binding and the Reduction of Intracellular ROS Production. <i>BioMed Research International</i> , <b>2016</b> , 2016, 5013409	3	11
160	Curcumin targets the TFEB-lysosome pathway for induction of autophagy. <i>Oncotarget</i> , <b>2016</b> , 7, 75659-75671	3.7	90
159	Mechanism-Guided Design and Synthesis of a Mitochondria-Targeting Artemisinin Analogue with Enhanced Anticancer Activity. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13770-13774	16.4	72
158	Mechanism-Guided Design and Synthesis of a Mitochondria-Targeting Artemisinin Analogue with Enhanced Anticancer Activity. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13974-13978	3.6	10
157	linQ attenuates systemic inflammatory responses via selectively impairing the Myddosome complex formation upon TLR4 ligation. <i>Biochemical Pharmacology</i> , <b>2016</b> , 121, 52-66	6	9
156	Quantitative chemical proteomics profiling of de novo protein synthesis during starvation-mediated autophagy. <i>Autophagy</i> , <b>2016</b> , 12, 1931-1944	10.2	28
155	Integrated and comparative miRNA analysis of starvation-induced autophagy in mouse embryonic fibroblasts. <i>Gene</i> , <b>2015</b> , 571, 194-204	3.8	6
154	A novel autophagy/mitophagy inhibitor liensinine sensitizes breast cancer cells to chemotherapy through DNM1L-mediated mitochondrial fission. <i>Autophagy</i> , <b>2015</b> , 11, 1259-79	10.2	132
153	Histone deacetylase inhibitors induce autophagy through FOXO1-dependent pathways. <i>Autophagy</i> , <b>2015</b> , 11, 629-42	10.2	112
152	Critical role of CAV1/caveolin-1 in cell stress responses in human breast cancer cells via modulation of lysosomal function and autophagy. <i>Autophagy</i> , <b>2015</b> , 11, 769-84	10.2	77
151	Death-associated Protein 3 Regulates Mitochondrial-encoded Protein Synthesis and Mitochondrial Dynamics. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 24961-74	5.4	20
150	AMPK-Dependent Phosphorylation of GAPDH Triggers Sirt1 Activation and Is Necessary for Autophagy upon Glucose Starvation. <i>Molecular Cell</i> , <b>2015</b> , 60, 930-40	17.6	155
149	CCAAT/enhancer binding protein $\beta$ predicts poorer prognosis and prevents energy starvation-induced cell death in hepatocellular carcinoma. <i>Hepatology</i> , <b>2015</b> , 61, 965-78	11.2	52
148	Mapping sites of aspirin-induced acetylations in live cells by quantitative acid-cleavable activity-based protein profiling (QA-ABPP). <i>Scientific Reports</i> , <b>2015</b> , 5, 7896	4.9	53
147	PRL-3 activates mTORC1 in Cancer Progression. <i>Scientific Reports</i> , <b>2015</b> , 5, 17046	4.9	18
146	Brazilin Limits Inflammatory Responses through Induction of Prosurvival Autophagy in Rheumatoid Fibroblast-Like Synoviocytes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136122	3.7	21
145	The role of autophagy in liver diseases: mechanisms and potential therapeutic targets. <i>BioMed Research International</i> , <b>2015</b> , 2015, 480508	3	28
144	Differential regulatory functions of three classes of phosphatidylinositol and phosphoinositide 3-kinases in autophagy. <i>Autophagy</i> , <b>2015</b> , 11, 1711-28	10.2	99

143	Haem-activated promiscuous targeting of artemisinin in Plasmodium falciparum. <i>Nature Communications</i> , <b>2015</b> , 6, 10111	17.4	353
142	A Small-Molecule Protein-Protein Interaction Inhibitor of PARP1 That Targets Its BRCT Domain. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2545-2549	3.6	11
141	A small-molecule protein-protein interaction inhibitor of PARP1 that targets its BRCT domain. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2515-9	16.4	33
140	Selenite-induced toxicity in cancer cells is mediated by metabolic generation of endogenous selenium nanoparticles. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 1127-36	5.6	41
139	At the end of the autophagic road: an emerging understanding of lysosomal functions in autophagy. <i>Trends in Biochemical Sciences</i> , <b>2014</b> , 39, 61-71	10.3	261
138	Individual and area-level socioeconomic status and their association with depression amongst community-dwelling elderly in Singapore. <i>Aging and Mental Health</i> , <b>2014</b> , 18, 628-41	3.5	28
137	Development of a novel method for quantification of autophagic protein degradation by AHA labeling. <i>Autophagy</i> , <b>2014</b> , 10, 901-12	10.2	48
136	Critical role of SCD1 in autophagy regulation via lipogenesis and lipid rafts-coupled AKT-FOXO1 signaling pathway. <i>Autophagy</i> , <b>2014</b> , 10, 226-42	10.2	38
135	20(S)-Ginsenoside Rg3 is a novel inhibitor of autophagy and sensitizes hepatocellular carcinoma to doxorubicin. <i>Oncotarget</i> , <b>2014</b> , 5, 4438-51	3.3	75
134	Artesunate induces cell death in human cancer cells via enhancing lysosomal function and lysosomal degradation of ferritin. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 33425-41	5.4	93
133	A role of autophagy in PTP4A3-driven cancer progression. <i>Autophagy</i> , <b>2014</b> , 10, 1787-800	10.2	35
132	A quantitative chemical proteomics approach to profile the specific cellular targets of andrographolide, a promising anticancer agent that suppresses tumor metastasis. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 876-86	7.6	72
131	Autophagic Cell Death: A Real Killer, an Accomplice, or an Innocent Bystander? <b>2014</b> , 211-232		
130	Autophagy in Necrosis: A Force for Survival <b>2014</b> , 233-252		
129	A JNK-mediated autophagy pathway that triggers c-IAP degradation and necroptosis for anticancer chemotherapy. <i>Oncogene</i> , <b>2014</b> , 33, 3004-13	9.2	81
128	The atherogenic effects of serum amyloid A are potentially mediated via inflammation and apoptosis. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2014</b> , 21, 854-67	4	5
127	Epigenetic silencing of glutaminase 2 in human liver and colon cancers. <i>BMC Cancer</i> , <b>2013</b> , 13, 601	4.8	33
126	AMPK mediates a pro-survival autophagy downstream of PARP-1 activation in response to DNA alkylating agents. <i>FEBS Letters</i> , <b>2013</b> , 587, 170-7	3.8	28

125	Activation of lysosomal function in the course of autophagy via mTORC1 suppression and autophagosome-lysosome fusion. <i>Cell Research</i> , <b>2013</b> , 23, 508-23	24.7	274
124	The role of autophagy in liver cancer: molecular mechanisms and potential therapeutic targets. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2013</b> , 1836, 15-26	11.2	68
123	Design and synthesis of minimalist terminal alkyne-containing diazirine photo-crosslinkers and their incorporation into kinase inhibitors for cell- and tissue-based proteome profiling. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 8551-6	16.4	208
122	Dual suppressive effect of MtorC1 on autophagy: tame the dragon by shackling both the head and the tail. <i>Autophagy</i> , <b>2013</b> , 9, 803-5	10.2	16
121	PHF20 regulates NF- $\kappa$ B signalling by disrupting recruitment of PP2A to p65. <i>Nature Communications</i> , <b>2013</b> , 4, 2062	17.4	42
120	Hydrogen sulfide protects HUVECs against hydrogen peroxide induced mitochondrial dysfunction and oxidative stress. <i>PLoS ONE</i> , <b>2013</b> , 8, e53147	3.7	115
119	Modulation of Autophagy as a Novel Cancer Therapeutic Strategy <b>2013</b> , 175-203		
118	Autophagy is a survival force via suppression of necrotic cell death. <i>Experimental Cell Research</i> , <b>2012</b> , 318, 1304-8	4.2	65
117	Isorhynchophylline, a natural alkaloid, promotes the degradation of alpha-synuclein in neuronal cells via inducing autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 98-108	10.2	125
116	Autophagy: resetting glutamine-dependent metabolism and oxygen consumption. <i>Autophagy</i> , <b>2012</b> , 8, 1477-93	10.2	47
115	Andrographolide sensitizes cisplatin-induced apoptosis via suppression of autophagosome-lysosome fusion in human cancer cells. <i>Autophagy</i> , <b>2012</b> , 8, 338-49	10.2	81
114	Generation of transgenic zebrafish with liver-specific expression of EGFP-Lc3: a new in vivo model for investigation of liver autophagy. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 422, 268-73	3.4	26
113	Targeting p53 as a therapeutic strategy in sensitizing TRAIL-induced apoptosis in cancer cells. <i>Cancer Letters</i> , <b>2012</b> , 314, 8-23	9.9	49
112	Cucurbitacin induces autophagy through mitochondrial ROS production which counteracts to limit caspase-dependent apoptosis. <i>Autophagy</i> , <b>2012</b> , 8, 559-76	10.2	91
111	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.2	4.2	2783
110	Use of inducible Atg5 deletion and expression cell lines in study of the pro-survival function of autophagy under starvation. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 427, 11-7	3.4	6
109	Autophagy is a cell self-protective mechanism against arsenic-induced cell transformation. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 298-308	4.4	67
108	Induction of autophagy by palmitic acid via protein kinase C-mediated signaling pathway independent of mTOR (mammalian target of rapamycin). <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 14364-76	5.4	124



107	Individual and Area Level Socioeconomic Status and Its Association with Cognitive Function and Cognitive Impairment (Low MMSE) among Community-Dwelling Elderly in Singapore. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , <b>2012</b> , 2, 529-42	2.5	51
106	(-)-Epigallocatechin-3-gallate induces non-apoptotic cell death in human cancer cells via ROS-mediated lysosomal membrane permeabilization. <i>PLoS ONE</i> , <b>2012</b> , 7, e46749	3.7	63
105	Impaired autophagy due to constitutive mTOR activation sensitizes TSC2-null cells to cell death under stress. <i>Autophagy</i> , <b>2011</b> , 7, 1173-86	10.2	58
104	Chrysin promotes tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) induced apoptosis in human cancer cell lines. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 630-5	3.6	52
103	zVAD-induced necroptosis in L929 cells depends on autocrine production of TNF $\alpha$ mediated by the PKC-MAPKs-AP-1 pathway. <i>Cell Death and Differentiation</i> , <b>2011</b> , 18, 26-37	12.7	130
102	Autophagic cell death: Loch Ness monster or endangered species?. <i>Autophagy</i> , <b>2011</b> , 7, 457-65	10.2	260
101	Enhanced autophagy from chronic toxicity of iron and mutant A53T $\beta$ -synuclein: implications for neuronal cell death in Parkinson disease. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 33380-9	5.4	68
100	mTOR complex 2 targets Akt for proteasomal degradation via phosphorylation at the hydrophobic motif. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 14190-8	5.4	52
99	Novel anti-apoptotic mechanism of A20 through targeting ASK1 to suppress TNF-induced JNK activation. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 1830-41	12.7	73
98	Chrysin sensitizes tumor necrosis factor-alpha-induced apoptosis in human tumor cells via suppression of nuclear factor-kappaB. <i>Cancer Letters</i> , <b>2010</b> , 293, 109-16	9.9	71
97	Luteolin induces G1 arrest in human nasopharyngeal carcinoma cells via the Akt-GSK-3 $\beta$ -cyclin D1 pathway. <i>Cancer Letters</i> , <b>2010</b> , 298, 167-75	9.9	60
96	Dual role of 3-methyladenine in modulation of autophagy via different temporal patterns of inhibition on class I and III phosphoinositide 3-kinase. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 10850-61	5.4	774
95	Inhibition of the JAK-STAT3 pathway by andrographolide enhances chemosensitivity of cancer cells to doxorubicin. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 1242-50	6	87
94	To die or to live: the dual role of poly(ADP-ribose) polymerase-1 in autophagy and necrosis under oxidative stress and DNA damage. <i>Autophagy</i> , <b>2009</b> , 5, 273-6	10.2	90
93	NFkappaB signaling in carcinogenesis and as a potential molecular target for cancer therapy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2009</b> , 14, 348-63	5.4	238
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