

Masaaki Komatsu

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

62,490
citations

3264

94
h-index

2453

203
g-index

215
all docs

215
docs citations

215
times ranked

62059
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of <i>Atg2b</i> and <i>Gskip</i> Impairs the Maintenance of the Hematopoietic Stem Cell Pool Size. <i>Molecular and Cellular Biology</i> , 2022, 42, MCB0002421.	1.1	3
2	USP10 inhibits the dopamine-induced reactive oxygen species-dependent apoptosis of neuronal cells by stimulating the antioxidant Nrf2 activity. <i>Journal of Biological Chemistry</i> , 2022, 298, 101448.	1.6	9
3	USP10 Inhibits Aberrant Cytoplasmic Aggregation of TDP-43 by Promoting Stress Granule Clearance. <i>Molecular and Cellular Biology</i> , 2022, 42, MCB0039321.	1.1	9
4	Deficient Autophagy in Microglia Aggravates Repeated Social Defeat Stress-Induced Social Avoidance. <i>Neural Plasticity</i> , 2022, 2022, 1-13.	1.0	19
5	Considering the mechanism by which droplets of ALS-FTD-associated <i>SQSTM1/p62</i> mutants cause pathology. , 2022, 1, 9-13.		1
6	Impaired GATE16-mediated exocytosis in exocrine tissues causes Sjögren's syndrome-like exocrinopathy. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 307.	2.4	4
7	Lack of hepatic autophagy promotes severity of liver injury but not steatosis. <i>Journal of Hepatology</i> , 2022, 77, 1458-1459.	1.8	4
8	Central role for p62/SQSTM1 in the elimination of toxic tau species in a mouse model of tauopathy. <i>Aging Cell</i> , 2022, 21, .	3.0	17
9	Human β -defensin-3 attenuates atopic dermatitis-like inflammation through autophagy activation and the aryl hydrocarbon receptor signaling pathway. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	14
10	p62/SQSTM1-droplet serves as a platform for autophagosome formation and anti-oxidative stress response. <i>Nature Communications</i> , 2021, 12, 16.	5.8	137
11	p62/SQSTM1 droplets initiate autophagosome biogenesis and oxidative stress control. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1890990.	0.3	5
12	A description of novel variants and review of phenotypic spectrum in <i>UBA5</i> -related early epileptic encephalopathy. <i>Journal of Physical Education and Sports Management</i> , 2021, 7, a005827.	0.5	15
13	Membrane perturbation by lipidated Atg8 underlies autophagosome biogenesis. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 583-593.	3.6	51
14	Selective autophagy. <i>Cancer Science</i> , 2021, 112, 3972-3978.	1.7	27
15	Mitochondrial reactive oxygen species trigger metformin-dependent antitumor immunity via activation of Nrf2/mTORC1/p62 axis in tumor-infiltrating CD8T lymphocytes. , 2021, 9, e002954.		44
16	Essential role of autophagy in protecting neonatal haematopoietic stem cells from oxidative stress in a p62-independent manner. <i>Scientific Reports</i> , 2021, 11, 1666.	1.6	12
17	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,102 4.3 1,430		
18	BHLHE41/DEC2 Expression Induces Autophagic Cell Death in Lung Cancer Cells and Is Associated with Favorable Prognosis for Patients with Lung Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11509.	1.8	3

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19	Phase-separated protein droplets of amyotrophic lateral sclerosis-associated p62/SQSTM1 mutants show reduced inner fluidity. <i>Journal of Biological Chemistry</i> , 2021, 297, 101405.	1.6	13
20	Loss of autophagy in chondrocytes causes severe growth retardation. <i>Autophagy</i> , 2020, 16, 501-511.	4.3	32
21	Physiological Stress Response by Selective Autophagy. <i>Journal of Molecular Biology</i> , 2020, 432, 53-62.	2.0	29
22	An atypical LIR motif within UBA5 (ubiquitin like modifier activating enzyme 5) interacts with GABARAP proteins and mediates membrane localization of UBA5. <i>Autophagy</i> , 2020, 16, 256-270.	4.3	41
23	Monitoring Autophagy Flux and Activity: Principles and Applications. <i>BioEssays</i> , 2020, 42, e2000122.	1.2	45
24	Autophagic receptor p62 protects against glycation-derived toxicity and enhances viability. <i>Aging Cell</i> , 2020, 19, e13257.	3.0	27
25	Inhibitors of the protein-protein interaction between phosphorylated p62 and Keap1 attenuate chemoresistance in a human hepatocellular carcinoma cell line. <i>Free Radical Research</i> , 2020, 54, 859-871.	1.5	26
26	Keap1-mediated p62 liquid droplets enhance the Keap1-Nrf2 system. <i>EMBO Reports</i> , 2020, 21, e48902.	2.0	107
27	A homozygous UBA5 pathogenic variant causes a fatal congenital neuropathy. <i>Journal of Medical Genetics</i> , 2020, 57, 835-842.	1.5	16
28	LC3 lipidation is essential for TFEB activation during the lysosomal damage response to kidney injury. <i>Nature Cell Biology</i> , 2020, 22, 1252-1263.	4.6	117
29	Heparan sulfate and clusterin: Cleaning squad for extracellular protein degradation. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	4
30	Loss of autophagy impairs physiological steatosis by accumulation of NCoR1. <i>Life Science Alliance</i> , 2020, 3, e201900513.	1.3	18
31	Autophagy attenuates tubulointerstitial fibrosis through regulating transforming growth factor- β 2 and NLRP3 inflammasome signaling pathway. <i>Cell Death and Disease</i> , 2019, 10, 78.	2.7	73
32	Hyperosmotic Stress Induces Unconventional Autophagy Independent of the Ulk1 Complex. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	10
33	Autophagy regulates lipid metabolism through selective turnover of NCoR1. <i>Nature Communications</i> , 2019, 10, 1567.	5.8	143
34	Measuring Nonselective and Selective Autophagy in the Liver. <i>Methods in Molecular Biology</i> , 2019, 1880, 535-540.	0.4	4
35	p62/SQSTM1: "Jack of all trades" in health and cancer. <i>FEBS Journal</i> , 2019, 286, 8-23.	2.2	189
36	Attenuation of cGAS-STING signaling is mediated by a p62/SQSTM1-dependent autophagy pathway activated by TBK1. <i>EMBO Journal</i> , 2018, 37, .	3.5	283

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37	Loss of autophagy in dopaminergic neurons causes Lewy pathology and motor dysfunction in aged mice. <i>Scientific Reports</i> , 2018, 8, 2813.	1.6	85
38	Negative Regulation of the Keap1-Nrf2 Pathway by a p62/Sqstm1 Splicing Variant. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	63
39	The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. <i>Science Signaling</i> , 2018, 11, .	1.6	51
40	Novel therapeutic strategy for cervical cancer harboring FGFR3-TACC3 fusions. <i>Oncogenesis</i> , 2018, 7, 4.	2.1	41
41	PKM1 Confers Metabolic Advantages and Promotes Cell-Autonomous Tumor Cell Growth. <i>Cancer Cell</i> , 2018, 33, 355-367.e7.	7.7	121
42	<i>Atg9a</i> deficiency causes axon-specific lesions including neuronal circuit dysgenesis. <i>Autophagy</i> , 2018, 14, 764-777.	4.3	82
43	Trehalose protects against oxidative stress by regulating the Keap1-Nrf2 and autophagy pathways. <i>Redox Biology</i> , 2018, 15, 115-124.	3.9	169
44	USP10 Is a Driver of Ubiquitinated Protein Aggregation and Aggresome Formation to Inhibit Apoptosis. <i>IScience</i> , 2018, 9, 433-450.	1.9	32
45	p62/SQSTM1 "steering the cell through health and disease. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	214
46	Deletion of exons encoding carboxypeptidase domain of Nna1 results in Purkinje cell degeneration (<i>pcd</i>) phenotype. <i>Journal of Neurochemistry</i> , 2018, 147, 557-572.	2.1	20
47	Activation of p62/SQSTM1-Nrf2-Keap1-Nuclear Factor Erythroid 2-Related Factor 2 Pathway in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 210.	1.3	82
48	Biallelic UFM1 and UFC1 mutations expand the essential role of ufmylation in brain development. <i>Brain</i> , 2018, 141, 1934-1945.	3.7	70
49	Purkinje Cells Are More Vulnerable to the Specific Depletion of Cathepsin D Than to That of Atg7. <i>American Journal of Pathology</i> , 2017, 187, 1586-1600.	1.9	15
50	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF- κ B and restricts bacterial proliferation. <i>Nature Microbiology</i> , 2017, 2, 17066.	5.9	145
51	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , 2017, 27, 657-674.	5.7	143
52	A novel approach to assess the ubiquitin-fold modifier system in cells. <i>FEBS Letters</i> , 2017, 591, 196-204.	1.3	28
53	Autophagy in the liver: functions in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 170-184.	8.2	384
54	Discovery of benzo[g]indoles as a novel class of non-covalent Keap1-Nrf2 protein-protein interaction inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 5006-5009.	1.0	27

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55	Autophagy-monitoring and autophagy-deficient mice. <i>Autophagy</i> , 2017, 13, 1619-1628.	4.3	248
56	L-leucine and SPNS1 coordinately ameliorate dysfunction of autophagy in mouse and human Niemann-Pick type C disease. <i>Scientific Reports</i> , 2017, 7, 15944.	1.6	19
57	Ohmyungamycins promote antimicrobial responses through autophagy activation via AMP-activated protein kinase pathway. <i>Scientific Reports</i> , 2017, 7, 3431.	1.6	28
58	Abstract 529: The significance of activated PI3K/AKT pathway in FGFR3-TACC3 fusion positive cervical cancer. , 2017, , .		0
59	Autophagy linked FYVE (Alfy/WDFY3) is required for establishing neuronal connectivity in the mammalian brain. <i>ELife</i> , 2016, 5, .	2.8	78
60	Sequestosome 1/p62 Protein Is Associated with Autophagic Removal of Excess Hepatic Endoplasmic Reticulum in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 18663-18674.	1.6	65
61	Development of Novel Inhibitors for Keap1-Nrf2 and Keap1-P62 Protein-Protein Interaction. <i>Free Radical Biology and Medicine</i> , 2016, 100, S76.	1.3	0
62	Novel Grb14-Mediated Cross Talk between Insulin and p62/Nrf2 Pathways Regulates Liver Lipogenesis and Selective Insulin Resistance. <i>Molecular and Cellular Biology</i> , 2016, 36, 2168-2181.	1.1	18
63	Structural and Functional Analysis of a Novel Interaction Motif within UFM1-activating Enzyme 5 (UBA5) Required for Binding to Ubiquitin-like Proteins and Ufmlyation. <i>Journal of Biological Chemistry</i> , 2016, 291, 9025-9041.	1.6	69
64	Regulation of the Keap1-Nrf2 pathway by p62/SQSTM1. <i>Current Opinion in Toxicology</i> , 2016, 1, 54-61.	2.6	124
65	Biallelic Variants in UBA5 Link Dysfunctional UFM1-Ubiquitin-like Modifier Pathway to Severe Infantile-Onset Encephalopathy. <i>American Journal of Human Genetics</i> , 2016, 99, 683-694.	2.6	72
66	Ezetimibe, an NPC1L1 inhibitor, is a potent Nrf2 activator that protects mice from diet-induced nonalcoholic steatohepatitis. <i>Free Radical Biology and Medicine</i> , 2016, 99, 520-532.	1.3	62
67	Synthesis of Keap1-phosphorylated p62 and Keap1-Nrf2 protein-protein interaction inhibitors and their inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5956-5959.	1.0	39
68	p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. <i>Nature Communications</i> , 2016, 7, 12030.	5.8	253
69	Autophagy is involved in regulating influenza A virus RNA and protein synthesis associated with both modulation of Hsp90 induction and mTOR/p70S6K signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 72, 100-108.	1.2	40
70	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
71	Megalyn-Mediated Tubuloglomerular Alterations in High-Fat Diet-Induced Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1996-2008.	3.0	90
72	DNA damage response and sphingolipid signaling in liver diseases. <i>Surgery Today</i> , 2016, 46, 995-1005.	0.7	30

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73	Increased hepatic receptor interacting protein kinase 3 expression due to impaired proteasomal functions contributes to alcohol-induced steatosis and liver injury. <i>Oncotarget</i> , 2016, 7, 17681-17698.	0.8	77
74	Inhibition of Glutaminolysis Inhibits Cell Growth via Down-regulating Mtorc1 Signaling in Lung Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2016, 36, 6021-6030.	0.5	9
75	Autophagy is induced upon platelet activation and is essential for hemostasis and thrombosis. <i>Blood</i> , 2015, 126, 1224-1233.	0.6	106
76	Mitochondrial Complexes I and II Are More Susceptible to Autophagy Deficiency in Mouse $\hat{1}^2$ -Cells. <i>Endocrinology and Metabolism</i> , 2015, 30, 65.	1.3	4
77	The significant role of autophagy in the granular layer in normal skin differentiation and hair growth. <i>Archives of Dermatological Research</i> , 2015, 307, 159-169.	1.1	46
78	The unexpected role of polyubiquitin chains in the formation of fibrillar aggregates. <i>Nature Communications</i> , 2015, 6, 6116.	5.8	75
79	Autophagy Protects against Colitis by the Maintenance of Normal Gut Microflora and Secretion of Mucus. <i>Journal of Biological Chemistry</i> , 2015, 290, 20511-20526.	1.6	85
80	Proteotoxic Stress Induces Phosphorylation of p62/SQSTM1 by ULK1 to Regulate Selective Autophagic Clearance of Protein Aggregates. <i>PLoS Genetics</i> , 2015, 11, e1004987.	1.5	250
81	Ubiquitin systems mark pathogen-containing vacuoles as targets for host defense by guanylate binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5628-37.	3.3	147
82	Sqstm1-GFP knock-in mice reveal dynamic actions of Sqstm1 during autophagy and under stress conditions in living cells. <i>Journal of Cell Science</i> , 2015, 128, 4453-61.	1.2	9
83	p62/SQSTM1 functions as a signaling hub and an autophagy adaptor. <i>FEBS Journal</i> , 2015, 282, 4672-4678.	2.2	626
84	Autophagy regulates hepatocyte identity and epithelial-to-mesenchymal and mesenchymal-to-epithelial transitions promoting Snail degradation. <i>Cell Death and Disease</i> , 2015, 6, e1880-e1880.	2.7	96
85	A treadmill exercise reactivates the signaling of the mammalian target of rapamycin (mTor) in the skeletal muscles of starved mice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 519-526.	1.0	16
86	Amyloidogenic peptide oligomer accumulation in autophagy-deficient $\hat{1}^2$ cells induces diabetes. <i>Journal of Clinical Investigation</i> , 2014, 124, 3311-3324.	3.9	138
87	A Cluster of Thin Tubular Structures Mediates Transformation of the Endoplasmic Reticulum to Autophagic Isolation Membrane. <i>Molecular and Cellular Biology</i> , 2014, 34, 1695-1706.	1.1	116
88	LC3B is indispensable for selective autophagy of p62 but not basal autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 309-315.	1.0	52
89	Atg5 regulates late endosome and lysosome biogenesis. <i>Science China Life Sciences</i> , 2014, 57, 59-68.	2.3	24
90	Structural determinants in GABARAP required for the selective binding and recruitment of ALFY to LC3B-positive structures. <i>EMBO Reports</i> , 2014, 15, 557-565.	2.0	96

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91	PARK2/Parkin-mediated mitochondrial clearance contributes to proteasome activation during slow-twitch muscle atrophy via NFE2L1 nuclear translocation. <i>Autophagy</i> , 2014, 10, 631-641.	4.3	44
92	Modification of ASC1 by UFM1 Is Crucial for ER \uparrow Transactivation and Breast Cancer Development. <i>Molecular Cell</i> , 2014, 56, 261-274.	4.5	156
93	Systemic autophagy insufficiency compromises adaptation to metabolic stress and facilitates progression from obesity to diabetes. <i>Nature Communications</i> , 2014, 5, 4934.	5.8	156
94	Ubiquitylation of Autophagy Receptor Optineurin by HACE1 Activates Selective Autophagy for Tumor Suppression. <i>Cancer Cell</i> , 2014, 26, 106-120.	7.7	198
95	Proteasome Dysfunction Activates Autophagy and the Keap1-Nrf2 Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 24944-24955.	1.6	95
96	Transient increase in proteinuria, poly-ubiquitylated proteins and ER stress markers in podocyte-specific autophagy-deficient mice following unilateral nephrectomy. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1190-1196.	1.0	19
97	Dissection of the role of p62/Sqstm1 in activation of Nrf2 during xenophagy. <i>FEBS Letters</i> , 2014, 588, 822-828.	1.3	62
98	Induction of Covalently Crosslinked p62 Oligomers with Reduced Binding to Polyubiquitinated Proteins by the Autophagy Inhibitor Verteporfin. <i>PLoS ONE</i> , 2014, 9, e114964.	1.1	64
99	Intermittent-hypoxia induced autophagy attenuates contractile dysfunction and myocardial injury in rat heart. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1159-1166.	1.8	55
100	Autophagy regulates endothelial cell processing, maturation and secretion of von Willebrand factor. <i>Nature Medicine</i> , 2013, 19, 1281-1287.	15.2	212
101	Endogenous Nitrated Nucleotide Is a Key Mediator of Autophagy and Innate Defense against Bacteria. <i>Molecular Cell</i> , 2013, 52, 794-804.	4.5	96
102	Autophagy Regulates Phagocytosis by Modulating the Expression of Scavenger Receptors. <i>Immunity</i> , 2013, 39, 537-547.	6.6	164
103	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. <i>Molecular Cell</i> , 2013, 51, 618-631.	4.5	880
104	Selective Autophagy and Cancer. , 2013, , 113-125.		0
105	Autophagy deficiency leads to protection from obesity and insulin resistance by inducing Fgf21 as a mitokine. <i>Nature Medicine</i> , 2013, 19, 83-92.	15.2	661
106	Suppression of Autophagy in Osteocytes Mimics Skeletal Aging. <i>Journal of Biological Chemistry</i> , 2013, 288, 17432-17440.	1.6	165
107	Functions of autophagy in normal and diseased liver. <i>Autophagy</i> , 2013, 9, 1131-1158.	4.3	384
108	Selective Types of Autophagy. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-2.	1.0	51

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109	Motor Neuron-specific Disruption of Proteasomes, but Not Autophagy, Replicates Amyotrophic Lateral Sclerosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 42984-42994.	1.6	162
110	GENETIC MOUSE MODELS FOR ELUCIDATION OF AUTOPHAGY-LYSOSOMAL SYSTEMS IN NEURONS UNDER PHYSIOLOGIC AND PATHOLOGIC CONDITIONS. , 2012, , 175-203.		1
111	Role of Hypothalamic Proopiomelanocortin Neuron Autophagy in the Control of Appetite and Leptin Response. <i>Endocrinology</i> , 2012, 153, 1817-1826.	1.4	95
112	The FAP motif within human ATG7, an autophagy-related E1-like enzyme, is essential for the E2-substrate reaction of LC3 lipidation. <i>Autophagy</i> , 2012, 8, 88-97.	4.3	47
113	PINK1 autophosphorylation upon membrane potential dissipation is essential for Parkin recruitment to damaged mitochondria. <i>Nature Communications</i> , 2012, 3, 1016.	5.8	465
114	Transient Aggregation of Ubiquitinated Proteins Is a Cytosolic Unfolded Protein Response to Inflammation and Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 19687-19698.	1.6	89
115	Autophagy: More Than a Nonselective Pathway. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-18.	1.0	128
116	p62/SQSTM1/A170: Physiology and pathology. <i>Pharmacological Research</i> , 2012, 66, 457-462.	3.1	247
117	Impaired G1-Arrest, Autophagy, and Apoptosis in <i>Atg7</i> -Knockout Mice. <i>Circulation Research</i> , 2012, 111, 962-964.	2.0	6
118	Keap1 degradation by autophagy for the maintenance of redox homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13561-13566.	3.3	394
119	Disrupted Autophagy Leads to Dopaminergic Axon and Dendrite Degeneration and Promotes Presynaptic Accumulation of α -Synuclein and LRRK2 in the Brain. <i>Journal of Neuroscience</i> , 2012, 32, 7585-7593.	1.7	268
120	Loss of Autophagy in Pro-opiomelanocortin Neurons Perturbs Axon Growth and Causes Metabolic Dysregulation. <i>Cell Metabolism</i> , 2012, 15, 247-255.	7.2	149
121	Receptor protein complexes are in control of autophagy. <i>Autophagy</i> , 2012, 8, 1701-1705.	4.3	77
122	Impaired Autophagy in Neurons after Disinhibition of Mammalian Target of Rapamycin and Its Contribution to Epileptogenesis. <i>Journal of Neuroscience</i> , 2012, 32, 15704-15714.	1.7	124
123	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
124	Autophagy in proximal tubules protects against acute kidney injury. <i>Kidney International</i> , 2012, 82, 1271-1283.	2.6	405
125	Liver autophagy: physiology and pathology. <i>Journal of Biochemistry</i> , 2012, 152, 5-15.	0.9	54
126	Macroautophagy deficiency mediates age-dependent neurodegeneration through a phospho-tau pathway. <i>Molecular Neurodegeneration</i> , 2012, 7, 48.	4.4	150

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127	Autophagy Induced by Calcium Phosphate Precipitates Involves Endoplasmic Reticulum Membranes in Autophagosome Biogenesis. <i>PLoS ONE</i> , 2012, 7, e52347.	1.1	36
128	Loss of autophagy promotes murine acetaminophen hepatotoxicity. <i>Journal of Gastroenterology</i> , 2012, 47, 433-443.	2.3	62
129	Suppression of autophagy sensitizes Kupffer cells to endotoxin. <i>Hepatology Research</i> , 2012, 42, 1112-1118.	1.8	22
130	Autophagy deficiency in beta cells leads to compromised unfolded protein response and progression from obesity to diabetes in mice. <i>Diabetologia</i> , 2012, 55, 392-403.	2.9	149
131	LOSS OF AUTOPHAGY ENHANCES DIETHYLNITROSAMINE-INDUCED LIVER INJURY. <i>Juntendo J., Igaku</i> , 2012, 58, 319-324.	0.1	0
132	Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. <i>Journal of Cell Biology</i> , 2011, 193, 275-284.	2.3	520
133	Crucial role for autophagy in degranulation of mast cells. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1267-1276.e6.	1.5	120
134	Autophagy-deficient mice develop multiple liver tumors. <i>Genes and Development</i> , 2011, 25, 795-800.	2.7	1,094
135	Autophagy in the intestinal epithelium reduces endotoxin-induced inflammatory responses by inhibiting NF- κ B activation. <i>Archives of Biochemistry and Biophysics</i> , 2011, 506, 223-235.	1.4	79
136	Autophagy: Renovation of Cells and Tissues. <i>Cell</i> , 2011, 147, 728-741.	13.5	4,844
137	Inducible disruption of autophagy in the lung causes airway hyper-responsiveness. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 13-18.	1.0	41
138	Autophagy is involved in anti-viral activity of pentagalloylglucose (PGG) against Herpes simplex virus type 1 infection in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 186-191.	1.0	34
139	Crystal Structure of the Ubiquitin-associated (UBA) Domain of p62 and Its Interaction with Ubiquitin. <i>Journal of Biological Chemistry</i> , 2011, 286, 31864-31874.	1.6	117
140	Pathophysiological Role of Autophagy: Lesson from Autophagy-Deficient Mouse Models. <i>Experimental Animals</i> , 2011, 60, 329-345.	0.7	40
141	Potential role of p62 in tumor development. <i>Autophagy</i> , 2011, 7, 1088-1090.	4.3	54
142	The Ufm1-activating enzyme Uba5 is indispensable for erythroid differentiation in mice. <i>Nature Communications</i> , 2011, 2, 181.	5.8	124
143	Liver autophagy contributes to the maintenance of blood glucose and amino acid levels. <i>Autophagy</i> , 2011, 7, 727-736.	4.3	233
144	Distinct Mechanisms of Ferritin Delivery to Lysosomes in Iron-Depleted and Iron-Replete Cells. <i>Molecular and Cellular Biology</i> , 2011, 31, 2040-2052.	1.1	201

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145	Akt Suppresses Retrograde Degeneration of Dopaminergic Axons by Inhibition of Macroautophagy. <i>Journal of Neuroscience</i> , 2011, 31, 2125-2135.	1.7	126
146	Structure of Ubiquitin-fold Modifier 1-specific Protease UfSP2. <i>Journal of Biological Chemistry</i> , 2011, 286, 10248-10257.	1.6	47
147	Mechanisms of necroptosis in T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 633-641.	4.2	190
148	Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. <i>Journal of Experimental Medicine</i> , 2011, 208, i12-i12.	4.2	1
149	Selective degradation of p62 by autophagy. <i>Seminars in Immunopathology</i> , 2010, 32, 431-436.	2.8	216
150	Physiological significance of selective degradation of p62 by autophagy. <i>FEBS Letters</i> , 2010, 584, 1374-1378.	1.3	439
151	p62/SQSTM1 cooperates with Parkin for perinuclear clustering of depolarized mitochondria. <i>Genes To Cells</i> , 2010, 15, 887-900.	0.5	345
152	MBSJ MCC Young Scientist Award 2009â€”REVIEW: Selective autophagy regulates various cellular functions. <i>Genes To Cells</i> , 2010, 15, 923-933.	0.5	136
153	The selective autophagy substrate p62 activates the stress responsive transcription factor Nrf2 through inactivation of Keap1. <i>Nature Cell Biology</i> , 2010, 12, 213-223.	4.6	1,933
154	Human IRGM regulates autophagy and cell-autonomous immunity functions through mitochondria. <i>Nature Cell Biology</i> , 2010, 12, 1154-1165.	4.6	228
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