

Masato Koike

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

25,750
citations

25034

57
h-index

7160

153
g-index

165
all docs

165
docs citations

165
times ranked

39432
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-scale light microscopy/electron microscopy neuronal imaging from brain to synapse with a tissue clearing method, <i>IScience</i> , 2022, 25, 103601.	4.1	11
2	An optimized protocol for immuno-electron microscopy of endogenous LC3. <i>Autophagy</i> , 2022, 18, 3004-3022.	9.1	6
3	Clinical Efficacy of Melon GliSODin® for the Treatment of Aging-Related Dysfunction in Motor Organs—A Double Blind, Randomized Placebo-Controlled Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2747.	2.4	1
4	Alternative mitochondrial quality control mediated by extracellular release. <i>Autophagy</i> , 2021, 17, 2962-2974.	9.1	53
5	Establishment of an in vitro model for analyzing mitochondrial ultrastructure in PRKN-mutated patient iPSC-derived dopaminergic neurons. <i>Molecular Brain</i> , 2021, 14, 58.	2.6	8
6	Exclusive labeling of direct and indirect pathway neurons in the mouse neostriatum by an adeno-associated virus vector with Cre/lox system. <i>STAR Protocols</i> , 2021, 2, 100230.	1.2	12
7	CTLA-2 Alpha Is a Potent Inhibitor of Angiogenesis in Murine Ocular Tissue. <i>Antioxidants</i> , 2021, 10, 456.	5.1	3
8	Cells recognize osmotic stress through liquid-liquid phase separation lubricated with poly(ADP-ribose). <i>Nature Communications</i> , 2021, 12, 1353.	12.8	62
9	Three-Dimensional Structure of Dendritic Spines Revealed by Volume Electron Microscopy Techniques. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 627368.	1.7	12
10	Design and experimental evaluation of enhanced diffraction efficiency of lanthanum-based material coated laminar-type gratings in the boron K-emission region. <i>Applied Optics</i> , 2021, 60, 4993.	1.8	1
11	Susceptibility of subregions of prefrontal cortex and corpus callosum to damage by high-dose oxytocin-induced labor in male neonatal mice. <i>PLoS ONE</i> , 2021, 16, e0256693.	2.5	2
12	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.	3.4	13
13	Mutant calreticulin interacts with MPL in the secretion pathway for activation on the cell surface. <i>Leukemia</i> , 2020, 34, 499-509.	7.2	39
14	Oxytocin induced labor causes region and sex-specific transient oligodendrocyte cell death in neonatal mouse brain. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 66-78.	1.3	11
15	±-Synuclein BAC transgenic mice exhibit RBD-like behaviour and hyposmia: a prodromal Parkinson's disease model. <i>Brain</i> , 2020, 143, 249-265.	7.6	66
16	Overlapping Projections of Neighboring Direct and Indirect Pathway Neostriatal Neurons to Globus Pallidus External Segment. <i>IScience</i> , 2020, 23, 101409.	4.1	15
17	Insulin2Q104del (Kuma) mutant mice develop diabetes with dominant inheritance. <i>Scientific Reports</i> , 2020, 10, 12187.	3.3	4
18	Unique synaptic topography of crest-type synapses in the interpeduncular nucleus. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 130-135.	2.1	2

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19	<sc>NBR</sc> 1â€mediated p62â€liquid droplets enhance the Keap1â€Nrf2 system. EMBO Reports, 2020, 21, e48902.	4.5	107
20	Developmental Changes in Dendritic Spine Morphology in the Striatum and Their Alteration in an A53T Î±-Synuclein Transgenic Mouse Model of Parkinsonâ€™s Disease. ENeuro, 2020, 7, ENEURO.0072-20.2020.	1.9	17
21	Geometry and the Organizational Principle of Spine Synapses along a Dendrite. ENeuro, 2020, 7, ENEURO.0248-20.2020.	1.9	19
22	Loss of autophagy impairs physiological steatosis by accumulation of NCoR1. Life Science Alliance, 2020, 3, e201900513.	2.8	18
23	Cellular autophagy in Î± cells plays a role in the maintenance of islet architecture. Journal of the Endocrine Society, 2019, 3, 1979-1992.	0.2	2
24	Necroptosis of Intestinal Epithelial Cells Induces Type 3 Innate Lymphoid Cell-Dependent Lethal Ileitis. IScience, 2019, 15, 536-551.	4.1	21
25	Cathepsin L-deficiency enhances liver regeneration after partial hepatectomy. Life Sciences, 2019, 221, 293-300.	4.3	6
26	Blockade of TNF receptor superfamily 1 (TNFR1)â€dependent and TNFR1-independent cell death is crucial for normal epidermal differentiation. Journal of Allergy and Clinical Immunology, 2019, 143, 213-228.e10.	2.9	11
27	Cerebellar Neurodegeneration and Neuronal Circuit Remodeling in Golgi pH Regulator-Deficient Mice. ENeuro, 2019, 6, ENEURO.0427-18.2019.	1.9	13
28	Reduction of Freezing Behavior by Acupuncture Stimulation at HT7 in Contextual Fear-Conditioned Mice. Juntendo Medical Journal, 2019, 65, 554-560.	0.1	0
29	Molecular mechanisms of <i>Streptococcus pneumoniae</i> â€targeted autophagy via pneumolysin, Golgiâ€resident Rab41, and Nedd4â€mediated K63â€linked ubiquitination. Cellular Microbiology, 2018, 20, e12846.	2.1	39
30	Innate immune adaptor TRIF deficiency accelerates disease progression of ALS mice with accumulation of aberrantly activated astrocytes. Cell Death and Differentiation, 2018, 25, 2130-2146.	11.2	36
31	Superoxide dismutase activity is significantly lower in end-stage osteoarthritic cartilage than non-osteoarthritic cartilage. PLoS ONE, 2018, 13, e0203944.	2.5	15
32	LRRK2 and its substrate Rab GTPases are sequentially targeted onto stressed lysosomes and maintain their homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9115-E9124.	7.1	222
33	Phosphorylated recombinant HSP27 protects the brain and attenuates blood-brain barrier disruption following stroke in mice receiving intravenous tissue-plasminogen activator. PLoS ONE, 2018, 13, e0198039.	2.5	9
34	Defective autophagy in vascular smooth muscle cells enhances cell death and atherosclerosis. Autophagy, 2018, 14, 1991-2006.	9.1	104
35	Apple procyanidins promote mitochondrial biogenesis and proteoglycan biosynthesis in chondrocytes. Scientific Reports, 2018, 8, 7229.	3.3	23
36	Optimization of mNeonGreen for Homo sapiens increases its fluorescent intensity in mammalian cells. PLoS ONE, 2018, 13, e0191108.	2.5	16

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37	Mice lacking BCAS1, a novel myelin-associated protein, display hypomyelination, schizophrenia-like abnormal behaviors, and upregulation of inflammatory genes in the brain. <i>Glia</i> , 2017, 65, 727-739.	4.9	39
38	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.	3.8	15
39	Vps35 in cooperation with LRRK2 regulates synaptic vesicle endocytosis through the endosomal pathway in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2017, 26, 2933-2948.	2.9	93
40	Non-steroidal anti-inflammatory drug delays corneal wound healing by reducing production of 12-hydroxyheptadecatrienoic acid, a ligand for leukotriene B4 receptor 2. <i>Scientific Reports</i> , 2017, 7, 13267.	3.3	49
41	TDP-43 accelerates age-dependent degeneration of interneurons. <i>Scientific Reports</i> , 2017, 7, 14972.	3.3	30
42	<i>Cordyceps militaris</i> improves the survival of Dahl salt-sensitive hypertensive rats possibly via influences of mitochondria and autophagy functions. <i>Heliyon</i> , 2017, 3, e00462.	3.2	9
43	Induction of Autophagy in the Hippocampus after Hypoxic Ischemic Injury to Neonatal Rats. <i>Archives of Histology and Cytology</i> , 2017, 77, 13-23.	0.2	1
44	Experimental evaluation of enhancement of diffraction efficiency by overcoating diamond-like carbon (DLC) on soft x-ray laminar-type gratings. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
45	Enhancement of diffraction efficiency of laminar-type diffraction gratings overcoated with diamond-like carbon (DLC) in soft x-ray region. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
46	A specific tripeptidyl substrate for tripeptidyl peptidase activity is effectively hydrolyzed by alanyl aminopeptidase/aminopeptidase N/CD13 in the rat kidney. <i>Archives of Histology and Cytology</i> , 2016, 76, 1-8.	0.2	1
47	Differential roles of NF-Y transcription factor in ER chaperone expression and neuronal maintenance in the CNS. <i>Scientific Reports</i> , 2016, 6, 34575.	3.3	10
48	Human Herpesvirus 6A U14 Is Important for Virus Maturation. <i>Journal of Virology</i> , 2016, 90, 1677-1681.	3.4	7
49	The Ablation of Mitochondrial Protein Phosphatase Pgam5 Confers Resistance Against Metabolic Stress. <i>EBioMedicine</i> , 2016, 5, 82-92.	6.1	22
50	Differential remodelling of peroxisome function underpins the environmental and metabolic adaptability of diplomonads and kinetoplastids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160520.	2.6	29
51	Morphological process of podocyte development revealed by block-face scanning electron microscopy. <i>Journal of Cell Science</i> , 2016, 130, 132-142.	2.0	41
52	Suppression of Ischemia-Induced Hippocampal Pyramidal Neuron Death by Hyaluronan Tetrasaccharide through Inhibition of Toll-Like Receptor 2 Signaling Pathway. <i>American Journal of Pathology</i> , 2016, 186, 2143-2151.	3.8	12
53	Functional links between SQSTM1 and ALS2 in the pathogenesis of ALS: cumulative impact on the protection against mutant SOD1-mediated motor dysfunction in mice. <i>Human Molecular Genetics</i> , 2016, 25, 3321-3340.	2.9	43
54	The ATG conjugation systems are important for degradation of the inner autophagosomal membrane. <i>Science</i> , 2016, 354, 1036-1041.	12.6	387

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55	Lysosomal Storage of Subunit c of Mitochondrial ATP Synthase in Brain-Specific Atp13a2-Deficient Mice. <i>American Journal of Pathology</i> , 2016, 186, 3074-3082.	3.8	28
56	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
57	Ethambutol neutralizes lysosomes and causes lysosomal zinc accumulation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 109-116.	2.1	14
58	Cathepsin D in Podocytes Is Important in the Pathogenesis of Proteinuria and CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2685-2700.	6.1	50
59	Neuroprotection by selective neuronal deletion of <i>Atg7</i> in neonatal brain injury. <i>Autophagy</i> , 2016, 12, 410-423.	9.1	140
60	Mechanical overloading causes mitochondrial superoxide and SOD2 imbalance in chondrocytes resulting in cartilage degeneration. <i>Scientific Reports</i> , 2015, 5, 11722.	3.3	115
61	C4-P-03 Ultrastructural analyses of the rat esophageal stratified epithelium under normal conditions and in chronic reflux esophagitis. <i>Microscopy (Oxford, England)</i> , 2015, 64, i135.1-i135.	1.5	0
62	Cellular localization and tissue distribution of endogenous DFCP1 protein. <i>Biomedical Research</i> , 2015, 36, 121-133.	0.9	12
63	Macroautophagy is essential for killing of intracellular <i>Burkholderia pseudomallei</i> in human neutrophils. <i>Autophagy</i> , 2015, 11, 748-755.	9.1	27
64	Long-Term Safety Issues of iPSC-Based Cell Therapy in a Spinal Cord Injury Model: Oncogenic Transformation with Epithelial-Mesenchymal Transition. <i>Stem Cell Reports</i> , 2015, 4, 360-373.	4.8	187
65	Possible involvement of iron-induced oxidative insults in neurodegeneration. <i>Neuroscience Letters</i> , 2015, 588, 29-35.	2.1	13
66	Three-dimensional architecture of podocytes revealed by block-face scanning electron microscopy. <i>Scientific Reports</i> , 2015, 5, 8993.	3.3	77
67	Viable Neuronopathic Gaucher Disease Model in Medaka (<i>Oryzias latipes</i>) Displays Axonal Accumulation of Alpha-Synuclein. <i>PLoS Genetics</i> , 2015, 11, e1005065.	3.5	60
68	VPS29 is a VPS35 intermediate of retromer is stable and may be involved in the retromer complex assembly process. <i>FEBS Letters</i> , 2015, 589, 1430-1436.	2.8	30
69	Mitochondrial superoxide in osteocytes perturbs canalicular networks in the setting of age-related osteoporosis. <i>Scientific Reports</i> , 2015, 5, 9148.	3.3	77
70	L-Carnitine Enhances Axonal Plasticity and Improves White-Matter Lesions after Chronic Hypoperfusion in Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 382-391.	4.3	59
71	p150 ^{glued} -Associated Disorders Are Caused by Activation of Intrinsic Apoptotic Pathway. <i>PLoS ONE</i> , 2014, 9, e94645.	2.5	14
72	NF-Y inactivation causes atypical neurodegeneration characterized by ubiquitin and p62 accumulation and endoplasmic reticulum disorganization. <i>Nature Communications</i> , 2014, 5, 3354.	12.8	38

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73	Increased Immunoreactivity of Cathepsins in the Rat Esophagus under Chronic Acid Reflux Esophagitis. <i>Journal of Histochemistry and Cytochemistry</i> , 2014, 62, 645-660.	2.5	1
74	Deregulation of Pancreas-Specific Oxidoreductin ERO1 β in the Pathogenesis of Diabetes Mellitus. <i>Molecular and Cellular Biology</i> , 2014, 34, 1290-1299.	2.3	34
75	Pancreatic β -Cell Failure Mediated by mTORC1 Hyperactivity and Autophagic Impairment. <i>Diabetes</i> , 2014, 63, 2996-3008.	0.6	95
76	Nitric oxide-mediated injury of interstitial cells of Cajal and intestinal dysmotility under endotoxemia of mice. <i>Biomedical Research</i> , 2014, 35, 251-262.	0.9	7
77	Chemical State Information of Bulk Specimens Obtained by SEM-Based Soft-X-Ray Emission Spectrometry. <i>Microscopy and Microanalysis</i> , 2014, 20, 692-697.	0.4	38
78	Human IAPP β -induced pancreatic β cell toxicity and its regulation by autophagy. <i>Journal of Clinical Investigation</i> , 2014, 124, 3634-3644.	8.2	154
79	Tuberin activates and controls the distribution of Rac1 via association with p62 and ubiquitin through the mTORC1 signaling pathway. <i>International Journal of Oncology</i> , 2013, 43, 447-456.	3.3	6
80	ATP13A2 deficiency induces a decrease in cathepsin D activity, fingerprint β -like inclusion body formation, and selective degeneration of dopaminergic neurons. <i>FEBS Letters</i> , 2013, 587, 1316-1325.	2.8	63
81	Differences in expression patterns of cathepsin C/dipeptidyl peptidase I in normal, pathological and aged mouse central nervous system. <i>European Journal of Neuroscience</i> , 2013, 37, 816-830.	2.6	23
82	Local Apoptosis Modulates Early Mammalian Brain Development through the Elimination of Morphogen-Producing Cells. <i>Developmental Cell</i> , 2013, 27, 621-634.	7.0	92
83	Resveratrol affects undifferentiated and differentiated PC12 cells differently, particularly with respect to possible differences in mitochondrial and autophagic functions. <i>European Journal of Cell Biology</i> , 2013, 92, 30-43.	3.6	13
84	A new grating X-ray spectrometer for 2 α 4 keV enabling a separate observation of In-L β and Sn-L β emissions of indium tin oxide. <i>Microscopy (Oxford, England)</i> , 2013, 62, 391-395.	1.5	15
85	Cytoplasmic reactive oxygen species and SOD1 regulate bone mass during mechanical unloading. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2368-2380.	2.8	57
86	Exendin-4 Improves β -Cell Function in Autophagy-Deficient β -Cells. <i>Endocrinology</i> , 2013, 154, 4512-4524.	2.8	61
87	Enrichment of GABARAP Relative to LC3 in the Axonal Initial Segments of Neurons. <i>PLoS ONE</i> , 2013, 8, e63568.	2.5	16
88	Biogenesis and Proteolytic Processing of Lysosomal DNase II. <i>PLoS ONE</i> , 2013, 8, e59148.	2.5	21
89	Motor Neuron-specific Disruption of Proteasomes, but Not Autophagy, Replicates Amyotrophic Lateral Sclerosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 42984-42994.	3.4	162
90	GENETIC MOUSE MODELS FOR ELUCIDATION OF AUTOPHAGY-LYSOSOMAL SYSTEMS IN NEURONS UNDER PHYSIOLOGIC AND PATHOLOGIC CONDITIONS. , 2012, , 175-203.		1

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91	Development of Purkinje cell degeneration in a knockin mouse model reveals lysosomal involvement in the pathogenesis of SCA6. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17693-17698.	7.1	49
92	Improvement of the soft x-ray polarimeter and ellipsometer (SXPE) for complete polarization analysis. , 2012, , .		0
93	c-FLIP Maintains Tissue Homeostasis by Preventing Apoptosis and Programmed Necrosis. Science Signaling, 2012, 5, ra93.	3.6	66
94	Rhomboid Protease PARL Mediates the Mitochondrial Membrane Potential Loss-induced Cleavage of PGAM5. Journal of Biological Chemistry, 2012, 287, 34635-34645.	3.4	151
95	Mitochondrial dysfunction associated with increased oxidative stress and β -synuclein accumulation in PARK2 iPSC-derived neurons and postmortem brain tissue. Molecular Brain, 2012, 5, 35.	2.6	333
96	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
97	A beam intensity monitor for the evaluation beamline for soft x-ray optical elements. , 2012, , .		0
98	Ablation of TSC2 Enhances Insulin Secretion by Increasing the Number of Mitochondria through Activation of mTORC1. PLoS ONE, 2011, 6, e23238.	2.5	50
99	Ultrastructural analyses of the rat esophageal stratified epithelium under normal conditions and in chronic reflux esophagitis . Archives of Histology and Cytology, 2011, 73, 199-214.	0.2	2
100	Dissociation and dispersion of claudin-3 from the tight junction could be one of the most sensitive indicators of reflux esophagitis in a rat model of the disease. Journal of Gastroenterology, 2011, 46, 629-638.	5.1	30
101	Closer association of mitochondria with lipid droplets in hepatocytes and activation of Kupffer cells in resveratrol-treated senescence-accelerated mice. Histochemistry and Cell Biology, 2011, 136, 475-489.	1.7	28
102	Grafted human-induced pluripotent stem-cellâ€‘derived neurospheres promote motor functional recovery after spinal cord injury in mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16825-16830.	7.1	473
103	Intracellular phosphatidylserine is essential for retrograde membrane traffic through endosomes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15846-15851.	7.1	163
104	Loss of ALS2/Alsin Exacerbates Motor Dysfunction in a SOD1H46R-Expressing Mouse ALS Model by Disturbing Endolysosomal Trafficking. PLoS ONE, 2010, 5, e9805.	2.5	100
105	PAC1 Gene Knockout Reveals an Essential Role of Chaperone-Mediated 20S Proteasome Biogenesis and Latent 20S Proteasomes in Cellular Homeostasis. Molecular and Cellular Biology, 2010, 30, 3864-3874.	2.3	37
106	Atg9A Protein, an Autophagy-related Membrane Protein, Is Localized in the Neurons of Mouse Brains. Journal of Histochemistry and Cytochemistry, 2010, 58, 443-453.	2.5	35
107	Cathepsin L in Bone Marrow-Derived Cells Is Required for Retinal and Choroidal Neovascularization. American Journal of Pathology, 2010, 176, 2571-2580.	3.8	23
108	LC3, a microtubule-associated protein1A/B light chain3, is involved in cytoplasmic lipid droplet formation. Biochemical and Biophysical Research Communications, 2010, 393, 274-279.	2.1	102

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109	Free fatty acids stimulate autophagy in pancreatic β -cells via JNK pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 561-567.	2.1	100
110	New Neurons Clear the Path of Astrocytic Processes for Their Rapid Migration in the Adult Brain. <i>Neuron</i> , 2010, 67, 213-223.	8.1	194
111	Ablation of C/EBP β alleviates ER stress and pancreatic β cell failure through the GRP78 chaperone in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 115-126.	8.2	84
112	Cell Death and Autophagy. , 2010, , 176-188.		0
113	Chapter 3 Autophagic Neuron Death. <i>Methods in Enzymology</i> , 2009, 453, 33-51.	1.0	37
114	Participation of autophagy in the initiation of graft dysfunction after rat liver transplantation. <i>Autophagy</i> , 2009, 5, 351-360.	9.1	60
115	Acquisition of T Regulatory Function in Cathepsin L-Inhibited T Cells by Eye-Derived CTLA-2 β during Inflammatory Conditions. <i>Journal of Immunology</i> , 2009, 183, 5013-5022.	0.8	54
116	Very high-dose α -tocopherol supplementation increases blood pressure and causes possible adverse central nervous system effects in stroke-prone spontaneously hypertensive rats. <i>Journal of Neuroscience Research</i> , 2009, 87, 556-566.	2.9	18
117	The novel lipid raft adaptor p18 controls endosome dynamics by anchoring the MEK \rightarrow ERK pathway to late endosomes. <i>EMBO Journal</i> , 2009, 28, 477-489.	7.8	308
118	Nesfatin-1-Regulated Oxytocinergic Signaling in the Paraventricular Nucleus Causes Anorexia through a Leptin-Independent Melanocortin Pathway. <i>Cell Metabolism</i> , 2009, 10, 355-365.	16.2	283
119	The MAP1-LC3 conjugation system is involved in lipid droplet formation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 419-423.	2.1	214
120	Autophagy \rightarrow physiology and pathophysiology. <i>Histochemistry and Cell Biology</i> , 2008, 129, 407-420.	1.7	170
121	Human Herpesvirus α 6 Induces MVB Formation, and Virus Egress Occurs by an Exosomal Release Pathway. <i>Traffic</i> , 2008, 9, 1728-1742.	2.7	160
122	GPHR is a novel anion channel critical for acidification and functions of the Golgi apparatus. <i>Nature Cell Biology</i> , 2008, 10, 1135-1145.	10.3	161
123	Morphological and biochemical signs of age-related neurodegenerative changes in klotho mutant mice. <i>Neuroscience</i> , 2008, 152, 924-941.	2.3	116
124	Ablation of Csk in neural crest lineages causes corneal anomaly by deregulating collagen fibril organization and cell motility. <i>Developmental Biology</i> , 2008, 315, 474-488.	2.0	9
125	Participation of autophagy in renal ischemia/reperfusion injury. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 100-106.	2.1	166
126	Inefficient phagosome maturation in infant macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 113-118.	2.1	14

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127	Inhibition of Autophagy Prevents Hippocampal Pyramidal Neuron Death after Hypoxic-Ischemic Injury. <i>American Journal of Pathology</i> , 2008, 172, 454-469.	3.8	443
128	Developing Postmitotic Mammalian Neurons <i>In Vivo</i> Lacking Apaf-1 Undergo Programmed Cell Death by a Caspase-Independent, Nonapoptotic Pathway Involving Autophagy. <i>Journal of Neuroscience</i> , 2008, 28, 1490-1497.	3.6	37
129	Autophagic neuron death in neonatal brain ischemia/hypoxia. <i>Autophagy</i> , 2008, 4, 404-408.	9.1	121
130	Theoretical Investigation of Transmission-Type Phase Shifter Made with Muscovite Mica Crystal for 1-keV Region. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	5
131	Fabrication and Evaluation of a Multilayer Lamina-Type Holographic Grating and Its Application to a High Efficiency Grazing Incidence Monochromator for the 1-8 keV Region. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
132	Generation of a recombinant Oka varicella vaccine expressing mumps virus hemagglutinin-neuraminidase protein as a polyvalent live vaccine. <i>Vaccine</i> , 2007, 25, 8741-8755.	3.8	28
133	Homeostatic Levels of p62 Control Cytoplasmic Inclusion Body Formation in Autophagy-Deficient Mice. <i>Cell</i> , 2007, 131, 1149-1163.	28.9	1,925
134	Identification of Tim4 as a phosphatidylserine receptor. <i>Nature</i> , 2007, 450, 435-439.	27.8	985
135	Degradation of nuclear DNA by DNase II-like acid DNase in cortical fiber cells of mouse eye lens. <i>FEBS Journal</i> , 2007, 274, 3055-3064.	4.7	67
136	RGS18 Acts as a Negative Regulator of Osteoclastogenesis by Modulating the Acid-Sensing OGR1/NFAT Signaling Pathway. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1612-1620.	2.8	53
137	Loss of autophagy in the central nervous system causes neurodegeneration in mice. <i>Nature</i> , 2006, 441, 880-884.	27.8	3,209
138	RANKL-Induced Expression of Tetraspanin CD9 in Lipid Raft Membrane Microdomain Is Essential for Cell Fusion During Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 965-976.	2.8	93
139	Effects of RNA Interference of Atg4B on the Limited Proteolysis of LC3 in PC12 Cells and Expression of Atg4B in Various Rat Tissues. <i>Autophagy</i> , 2006, 2, 200-208.	9.1	43
140	Sleeping Beauty Transposon-Based Phenotypic Analysis of Mice: Lack of Arpc3 Results in Defective Trophoblast Outgrowth. <i>Molecular and Cellular Biology</i> , 2006, 26, 6185-6196.	2.3	49
141	Participation of autophagy in the degeneration process of rat hepatocytes after transplantation following prolonged cold preservation. <i>Archives of Histology and Cytology</i> , 2005, 68, 71-80.	0.2	47
142	Proteolytic degradation of glutamate decarboxylase mediates disinhibition of hippocampal CA3 pyramidal cells in cathepsin D-deficient mice. <i>Journal of Neurochemistry</i> , 2005, 94, 680-690.	3.9	20
143	Phosphatidylserine-dependent engulfment by macrophages of nuclei from erythroid precursor cells. <i>Nature</i> , 2005, 437, 754-758.	27.8	296
144	Human Herpesvirus 6 Open Reading Frame U14 Protein and Cellular p53 Interact with Each Other and Are Contained in the Virion. <i>Journal of Virology</i> , 2005, 79, 13037-13046.	3.4	43

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145	Participation of Autophagy in Storage of Lysosomes in Neurons from Mouse Models of Neuronal Ceroid-Lipofuscinoses (Batten Disease). <i>American Journal of Pathology</i> , 2005, 167, 1713-1728.	3.8	305
146	Survival of Developing Motor Neurons Mediated by Rho GTPase Signaling Pathway through Rho-Kinase. <i>Journal of Neuroscience</i> , 2004, 24, 3480-3488.	3.6	79
147	Autoimmune Disease and Impaired Uptake of Apoptotic Cells in MFG-E8-Deficient Mice. <i>Science</i> , 2004, 304, 1147-1150.	12.6	895
148	Discovery of a Second Form of Tripartite Complex Containing gH-gL of Human Herpesvirus 6 and Observations on CD46. <i>Journal of Virology</i> , 2004, 78, 4609-4616.	3.4	78
149	A case of multicentric Castleman's disease demonstrating severe eosinophilia and enhanced production of interleukin-5. <i>European Journal of Haematology</i> , 2003, 70, 115-118.	2.2	12
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