Keiji Tanaka

List of Publications by Year
in descending order

444 papers	78,714 citations	1027 117 h-index	597 267 g-index
449 all docs	449 docs citations	449 times ranked	72385 citing authors

#	Article	IF	Citations
1	The effect of nutrient deprivation on proteasome activity in 4-week-old mice and 24-week-old mice. Journal of Nutritional Biochemistry, 2022, , 108993.	1.9	0
2	TRIP12 promotes small-molecule-induced degradation through K29/K48-branched ubiquitin chains. Molecular Cell, 2021, 81, 1411-1424.e7.	4.5	43
3	Loss of peptide: <i>N</i> -glycanase causes proteasome dysfunction mediated by a sugar-recognizing ubiquitin ligase. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	23
4	Mammalian BCAS3 and C16orf70 associate with the phagophore assembly site in response to selective and non-selective autophagy. Autophagy, 2021, 17, 2011-2036.	4.3	6
5	Unfolding is the driving force for mitochondrial import and degradation of the Parkinson's disease-related protein DJ-1. Journal of Cell Science, 2021, 134, .	1.2	3
6	Loss of Parkin contributes to mitochondrial turnover and dopaminergic neuronal loss in aged mice. Neurobiology of Disease, 2020, 136, 104717.	2.1	56
7	A substrate-trapping strategy to find E3 ubiquitin ligase substrates identifies Parkin and TRIM28 targets. Communications Biology, 2020, 3, 592.	2.0	21
8	The HOIL-1L ligase modulates immune signalling and cell death via monoubiquitination of LUBAC. Nature Cell Biology, 2020, 22, 663-673.	4.6	63
9	The PINK1â€"Parkin axis: An Overview. Neuroscience Research, 2020, 159, 9-15.	1.0	94
10	Stress- and ubiquitylation-dependent phase separation of the proteasome. Nature, 2020, 578, 296-300.	13.7	204
11	Molecular bases for HOIPINs-mediated inhibition of LUBAC and innate immune responses. Communications Biology, 2020, 3, 163.	2.0	38
12	Critical role of mitochondrial ubiquitination and the OPTNâ€"ATG9A axis in mitophagy. Journal of Cell Biology, 2020, 219, .	2.3	114
13	Fluctuations of Spleen Cytokine and Blood Lactate, Importance of Cellular Immunity in Host Defense Against Blood Stage Malaria Plasmodium yoelii. Frontiers in Immunology, 2019, 10, 2207.	2.2	6
14	Stepwise multipolyubiquitination of p53 by the E6AP-E6 ubiquitin ligase complex. Journal of Biological Chemistry, 2019, 294, 14860-14875.	1.6	15
15	Parkin recruitment to impaired mitochondria for nonselective ubiquitylation is facilitated by MITOL. Journal of Biological Chemistry, 2019, 294, 10300-10314.	1.6	79
16	Molecular and Structural Basis of the Proteasome Î± Subunit Assembly Mechanism Mediated by the Proteasome-Assembling Chaperone PAC3-PAC4 Heterodimer. International Journal of Molecular Sciences, 2019, 20, 2231.	1.8	15
17	Sugar-Recognizing Ubiquitin Ligases: Action Mechanisms and Physiology. Frontiers in Physiology, 2019, 10, 104.	1.3	20
18	Methods to measure ubiquitin chain length and linkage. Methods in Enzymology, 2019, 618, 105-133.	0.4	14

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19	Detection of ubiquitination activity and identification of ubiquitinated substrates using TR-TUBE. Methods in Enzymology, 2019, 618, 135-147.	0.4	6
20	Parkinâ€mediated ubiquitylation redistributes MITOL/March5 from mitochondria to peroxisomes. EMBO Reports, 2019, 20, e47728.	2.0	35
21	Trans-omics Impact of Thymoproteasome in Cortical Thymic Epithelial Cells. Cell Reports, 2019, 29, 2901-2916.e6.	2.9	27
22	Thymoproteasome and peptidic self. Immunogenetics, 2019, 71, 217-221.	1.2	12
23	Ub-ProT reveals global length and composition of protein ubiquitylation in cells. Nature Communications, 2018, 9, 524.	5.8	50
24	Loss of autophagy in dopaminergic neurons causes Lewy pathology and motor dysfunction in aged mice. Scientific Reports, 2018, 8, 2813.	1.6	85
25	K63 ubiquitylation triggers proteasomal degradation by seeding branched ubiquitin chains. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1401-E1408.	3.3	213
26	Accelerated invagination of vacuoles as a stress response in chronically heat-stressed yeasts. Scientific Reports, 2018, 8, 2644.	1.6	12
27	Cytosolic Nâ€Glycans: Triggers for Ubiquitination Directing Proteasomal and Autophagic Degradation. BioEssays, 2018, 40, 1700215.	1.2	11
28	<i>Atg9a</i>deficiency causes axon-specific lesions including neuronal circuit dysgenesis. Autophagy, 2018, 14, 764-777.	4.3	82
29	Endosomal Rab cycles regulate Parkin-mediated mitophagy. ELife, 2018, 7, .	2.8	113
30	Reactive oxygen species upregulate expression of muscle atrophy-associated ubiquitin ligase Cbl-b in rat L6 skeletal muscle cells. American Journal of Physiology - Cell Physiology, 2018, 314, C721-C731.	2.1	46
31	Structural insights into ubiquitin phosphorylation by PINK1. Scientific Reports, 2018, 8, 10382.	1.6	35
32	The immunoproteasome and thymoproteasome: functions, evolution and human disease. Nature Immunology, 2018, 19, 923-931.	7.0	233
33	Crystal structure of human proteasome assembly chaperone PAC4 involved in proteasome formation. Protein Science, 2017, 26, 1080-1085.	3.1	12
34	Foxn1-Î²5t transcriptional axis controls CD8+ T-cell production in the thymus. Nature Communications, 2017, 8, 14419.	5.8	41
35	Purkinje Cells Are More Vulnerable to the Specific Depletion of Cathepsin D Than to That of Atg7. American Journal of Pathology, 2017, 187, 1586-1600.	1.9	15
36	InÂVivo Ubiquitin Linkage-type Analysis Reveals that the Cdc48-Rad23/Dsk2 Axis Contributes to K48-Linked Chain Specificity of the Proteasome. Molecular Cell, 2017, 66, 488-502.e7.	4.5	111

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37	A novel approach to assess the ubiquitinâ€fold modifier 1â€system in cells. FEBS Letters, 2017, 591, 196-204.	1.3	28
38	Parkinsonâ€™s disease-related DJ-1 functions in thiol quality control against aldehyde attack in vitro. Scientific Reports, 2017, 7, 12816.	1.6	41
39	Structural basis for specific cleavage of Lys6-linked polyubiquitin chains by USP30. Nature Structural and Molecular Biology, 2017, 24, 911-919.	3.6	61
40	Structure of the Dnmt1 Reader Module Complexed with a Unique Two-Mono-Ubiquitin Mark on Histone H3 Reveals the Basis for DNA Methylation Maintenance. Molecular Cell, 2017, 68, 350-360.e7.	4.5	124
41	Ubiquitination of exposed glycoproteins by SCF ^{FBXO27} directs damaged lysosomes for autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8574-8579.	3.3	96
42	Ubiquitination of stalled ribosome triggers ribosome-associated quality control. Nature Communications, 2017, 8, 159.	5.8	249
43	Inhibitory effects of local anesthetics on the proteasome and their biological actions. Scientific Reports, 2017, 7, 5079.	1.6	3
44	HTLV-1 Tax Induces Formation of the Active Macromolecular IKK Complex by Generating Lys63- and Met1-Linked Hybrid Polyubiquitin Chains. PLoS Pathogens, 2017, 13, e1006162.	2.1	30
45	A human PSMB11 variant affects thymoproteasome processing and CD8+ T cell production. JCI Insight, 2017, 2, .	2.3	6
46	The ubiquitin signal and autophagy: an orchestrated dance leading to mitochondrial degradation. EMBO Reports, 2016, 17, 300-316.	2.0	197
47	Unexpected mitochondrial matrix localization of Parkinson's diseaseâ€related <scp>DJ</scp>â€1 mutants but not wildâ€type <scp>DJ</scp>â€1. Genes To Cells, 2016, 21, 772-788.	0.5	21
48	Biallelic Variants in UBA5 Link Dysfunctional UFM1ÂUbiquitin-like Modifier Pathway to Severe Infantile-Onset Encephalopathy. American Journal of Human Genetics, 2016, 99, 683-694.	2.6	72
49	The K48-K63 Branched Ubiquitin Chain Regulates NF-Î°B Signaling. Molecular Cell, 2016, 64, 251-266.	4.5	241
50	p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. Nature Communications, 2016, 7, 12030.	5.8	253
51	Specialized proteasome subunits have an essential role in the thymic selection of CD8+ T cells. Nature Immunology, 2016, 17, 938-945.	7.0	46
52	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
53	The Ankrd13 Family of Ubiquitin-interacting Motif-bearing Proteins Regulates Valosin-containing Protein/p97 Protein-mediated Lysosomal Trafficking of Caveolin 1. Journal of Biological Chemistry, 2016, 291, 6218-6231.	1.6	23
54	Structural analysis of a function-associated loop mutant of the substrate-recognition domain of Fbs1 ubiquitin ligase. Acta Crystallographica Section F, Structural Biology Communications, 2016, 72, 619-626.	0.4	6

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55	Mitochondrial Complexes I and II Are More Susceptible to Autophagy Deficiency in Mouse Î²-Cells. Endocrinology and Metabolism, 2015, 30, 65.	1.3	4
56	The Structural Differences between a Glycoprotein Specific F-Box Protein Fbs1 and Its Homologous Protein FBG3. PLoS ONE, 2015, 10, e0140366.	1.1	13
57	Nedd4-induced monoubiquitination of IRS-2 enhances IGF signalling and mitogenic activity. Nature Communications, 2015, 6, 6780.	5.8	64
58	Conserved Mode of Interaction between Yeast Bro1 Family V Domains and YP(X) n L Motif-Containing Target Proteins. Eukaryotic Cell, 2015, 14, 976-982.	3.4	8
59	The significant role of autophagy in the granular layer in normal skin differentiation and hair growth. Archives of Dermatological Research, 2015, 307, 159-169.	1.1	46
60	Unconventional PINK1 localization mechanism to the outer membrane of depolarized mitochondria drives Parkin recruitment. Journal of Cell Science, 2015, 128, 964-78.	1.2	103
61	The unexpected role of polyubiquitin chains in the formation of fibrillar aggregates. Nature Communications, 2015, 6, 6116.	5.8	75
62	Thymoproteasomes produce unique peptide motifs for positive selection of CD8+ T cells. Nature Communications, 2015, 6, 7484.	5.8	73
63	A comprehensive method for detecting ubiquitinated substrates using TR-TUBE. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4630-4635.	3.3	97
64	Phosphorylated ubiquitin chain is the genuine Parkin receptor. Journal of Cell Biology, 2015, 209, 111-128.	2.3	217
65	Tagged tags engage disposal. Nature, 2015, 524, 294-295.	13.7	6
66	Site-specific Interaction Mapping of Phosphorylated Ubiquitin to Uncover Parkin Activation. Journal of Biological Chemistry, 2015, 290, 25199-25211.	1.6	50
67	TCR affinity for thymoproteasome-dependent positively selecting peptides conditions antigen responsiveness in CD8+ T cells. Nature Immunology, 2015, 16, 1069-1076.	7.0	57
68	Ubiquitin acetylation inhibits polyubiquitin chain elongation. EMBO Reports, 2015, 16, 192-201.	2.0	116
69	Mutations in the deubiquitinase gene USP8 cause Cushing's disease. Nature Genetics, 2015, 47, 31-38.	9.4	450
70	The E3 ubiquitin ligase TRIM23 regulates adipocyte differentiation via stabilization of the adipogenic activator PPARÎ³. ELife, 2015, 4, e05615.	2.8	59
71	Phosphorylated ubiquitin chain is the genuine Parkin receptor. Journal of Experimental Medicine, 2015, 212, 2124OIA14.	4.2	0
72	The ESCRT-III Adaptor Protein Bro1 Controls Functions of Regulator for Free Ubiquitin Chains 1 (Rfu1) in Ubiquitin Homeostasis. Journal of Biological Chemistry, 2014, 289, 21760-21769.	1.6	11

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73	LC3B is indispensable for selective autophagy of p62 but not basal autophagy. Biochemical and Biophysical Research Communications, 2014, 446, 309-315.	1.0	52
74	Quantitative live-cell imaging reveals spatio-temporal dynamics and cytoplasmic assembly of the 26S proteasome. Nature Communications, 2014, 5, 3396.	5.8	111
75	Backbone 1H, 13C, and 15N assignments of yeast Ump1, an intrinsically disordered protein that functions as a proteasome assembly chaperone. Biomolecular NMR Assignments, 2014, 8, 383-386.	0.4	16
76	Structural Basis for Proteasome Formation Controlled by an Assembly Chaperone Nas2. Structure, 2014, 22, 731-743.	1.6	23
77	Ubiquitin is phosphorylated by PINK1 to activate parkin. Nature, 2014, 510, 162-166.	13.7	1,185
78	PARK2/Parkin-mediated mitochondrial clearance contributes to proteasome activation during slow-twitch muscle atrophy via NFE2L1 nuclear translocation. Autophagy, 2014, 10, 631-641.	4.3	44
79	Modification of ASC1 by UFM1 Is Crucial for ERÎ± Transactivation and Breast Cancer Development. Molecular Cell, 2014, 56, 261-274.	4.5	156
80	Pba3â€“Pba4 heterodimer acts as a molecular matchmaker in proteasome Î±-ring formation. Biochemical and Biophysical Research Communications, 2014, 450, 1110-1114.	1.0	25
81	Proteasome Dysfunction Activates Autophagy and the Keap1-Nrf2 Pathway. Journal of Biological Chemistry, 2014, 289, 24944-24955.	1.6	95
82	Dissection of the role of p62/Sqstm1 in activation of Nrf2 during xenophagy. FEBS Letters, 2014, 588, 822-828.	1.3	62
83	Proteostasis and neurodegeneration: The roles of proteasomal degradation and autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 197-204.	1.9	153
84	Spatial arrangement and functional role of Î± subunits of proteasome activator PA28 in hetero-oligomeric form. Biochemical and Biophysical Research Communications, 2013, 432, 141-145.	1.0	24
85	Involvement of Bag6 and the TRC pathway in proteasome assembly. Nature Communications, 2013, 4, 2234.	5.8	30
86	Endogenous Nitrated Nucleotide Is a Key Mediator of Autophagy and Innate Defense against Bacteria. Molecular Cell, 2013, 52, 794-804.	4.5	96
87	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. Molecular Cell, 2013, 51, 618-631.	4.5	880
88	Cytoplasmic proteasomes are not indispensable for cell growth in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 2013, 436, 372-376.	1.0	19
89	Parkin-catalyzed Ubiquitin-Ester Transfer Is Triggered by PINK1-dependent Phosphorylation. Journal of Biological Chemistry, 2013, 288, 22019-22032.	1.6	173
90	A Dimeric PINK1-containing Complex on Depolarized Mitochondria Stimulates Parkin Recruitment. Journal of Biological Chemistry, 2013, 288, 36372-36384.	1.6	168

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91	The parallel reaction monitoring method contributes to a highly sensitive polyubiquitin chain quantification. Biochemical and Biophysical Research Communications, 2013, 436, 223-229.	1.0	66
92	Proteasome Dysfunction Mediates Obesity-Induced Endoplasmic Reticulum Stress and Insulin Resistance in the Liver. Diabetes, 2013, 62, 811-824.	0.3	105
93	Aire-expressing thymic medullary epithelial cells originate from Î²5t-expressing progenitor cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9885-9890.	3.3	135
94	Different dynamic movements of wildâ€type and pathogenic <scp>VCP</scp>s and their cofactors to damaged mitochondria in a <scp>P</scp>arkinâ€mediated mitochondrial quality control system. Genes To Cells, 2013, 18, 1131-1143.	0.5	35
95	The principal PINK1 and Parkin cellular events triggered in response to dissipation of mitochondrial membrane potential occur in primary neurons. Genes To Cells, 2013, 18, 672-681.	0.5	38
96	Defective immune responses in mice lacking LUBAC-mediated linear ubiquitination in B cells. EMBO Journal, 2013, 32, 2463-2476.	3.5	109
97	The Proteasome: From Basic Mechanisms to Emerging Roles. Keio Journal of Medicine, 2013, 62, 1-12.	0.5	50
98	UfSP1 Peptidase (Ufm1-specific Peptidase 1). , 2013, , 2134-2137.		0
99	Structural Basis for Specific Recognition of Rpt1p, an ATPase Subunit of 26 S Proteasome, by Proteasome-dedicated Chaperone Hsm3p. Journal of Biological Chemistry, 2012, 287, 12172-12182.	1.6	30
100	Motor Neuron-specific Disruption of Proteasomes, but Not Autophagy, Replicates Amyotrophic Lateral Sclerosis. Journal of Biological Chemistry, 2012, 287, 42984-42994.	1.6	162
101	PINK1 autophosphorylation upon membrane potential dissipation is essential for Parkin recruitment to damaged mitochondria. Nature Communications, 2012, 3, 1016.	5.8	465
102	Localization of the proteasomal ubiquitin receptors Rpn10 and Rpn13 by electron cryomicroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1479-1484.	3.3	114
103	Smad7-deficient mice show growth retardation with reduced viability. Journal of Biochemistry, 2012, 151, 621-631.	0.9	28
104	Thymic nurse cells provide microenvironment for secondary T cell receptor Î± rearrangement in cortical thymocytes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20572-20577.	3.3	72
105	Mitochondrial hexokinase HKI is a novel substrate of the Parkin ubiquitin ligase. Biochemical and Biophysical Research Communications, 2012, 428, 197-202.	1.0	65
106	The proteasome: molecular machinery and pathophysiological roles. Biological Chemistry, 2012, 393, 217-234.	1.2	103
107	Antiangiogenic Tumor Therapy by DNA Vaccine Inducing Aquaporin-1â€“Specific CTL Based on Ubiquitinâ€“Proteasome System in Mice. Journal of Immunology, 2012, 189, 1618-1626.	0.4	15
108	Assembly and Function of the Proteasome. Methods in Molecular Biology, 2012, 832, 315-337.	0.4	88

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109	Decreased Proteasomal Activity Causes Age-Related Phenotypes and Promotes the Development of Metabolic Abnormalities. American Journal of Pathology, 2012, 180, 963-972.	1.9	158
110	Rescue of growth defects of yeast cdc48 mutants by pathogenic IBMPFD-VCPs. Journal of Structural Biology, 2012, 179, 93-103.	1.3	6
111	Insulin/insulin-like growth factor (IGF) stimulation abrogates an association between a deubiquitinating enzyme USP7 and insulin receptor substrates (IRSs) followed by proteasomal degradation of IRSs. Biochemical and Biophysical Research Communications, 2012, 423, 122-127.	1.0	33
112	Proteasomal Degradation Resolves Competition between Cell Polarization and Cellular Wound Healing. Cell, 2012, 150, 151-164.	13.5	92
113	Î²5t-containing thymoproteasome: specific expression in thymic cortical epithelial cells and role in positive selection of CD8+ T cells. Current Opinion in Immunology, 2012, 24, 92-98.	2.4	49
114	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
115	Loss of autophagy promotes murine acetaminophen hepatotoxicity. Journal of Gastroenterology, 2012, 47, 433-443.	2.3	62
116	Suppression of autophagy sensitizes Kupffer cells to endotoxin. Hepatology Research, 2012, 42, 1112-1118.	1.8	22
117	New crystal structure of the proteasome-dedicated chaperone Rpn14 at 1.6â€…Ã… resolution. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 517-521.	0.7	2
118	LOSS OF AUTOPHAGY ENHANCES DIETHYLNITROSAMINE-INDUCED LIVER INJURY. JuntendoÌ„ Igaku, 2012, 58, 319-324.	0.1	0
119	Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. Journal of Cell Biology, 2011, 193, 275-284.	2.3	520
120	Autophagy-deficient mice develop multiple liver tumors. Genes and Development, 2011, 25, 795-800.	2.7	1,094
121	Autophagy in the intestinal epithelium reduces endotoxin-induced inflammatory responses by inhibiting NF-Î°B activation. Archives of Biochemistry and Biophysics, 2011, 506, 223-235.	1.4	79
122	Skp1 stabilizes the conformation of F-box proteins. Biochemical and Biophysical Research Communications, 2011, 410, 24-28.	1.0	26
123	Crystal Structure of the Ubiquitin-associated (UBA) Domain of p62 and Its Interaction with Ubiquitin. Journal of Biological Chemistry, 2011, 286, 31864-31874.	1.6	117
124	The Catalytic Activity of Ubp6 Enhances Maturation of the Proteasomal Regulatory Particle. Molecular Cell, 2011, 42, 637-649.	4.5	64
125	A mutation in the immunoproteasome subunit PSMB8 causes autoinflammation and lipodystrophy in humans. Journal of Clinical Investigation, 2011, 121, 4150-4160.	3.9	258
126	SHARPIN is a component of the NF-Î°B-activating linear ubiquitin chain assembly complex. Nature, 2011, 471, 633-636.	13.7	557

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127	Ontogeny of thymic cortical epithelial cells expressing the thymoproteasome subunit Î²5t. European Journal of Immunology, 2011, 41, 1278-1287.	1.6	73
128	The Ufm1-activating enzyme Uba5 is indispensable for erythroid differentiation in mice. Nature Communications, 2011, 2, 181.	5.8	124
129	Liver autophagy contributes to the maintenance of blood glucose and amino acid levels. Autophagy, 2011, 7, 727-736.	4.3	233
130	Akt Suppresses Retrograde Degeneration of Dopaminergic Axons by Inhibition of Macroautophagy. Journal of Neuroscience, 2011, 31, 2125-2135.	1.7	126
131	Structure of Ubiquitin-fold Modifier 1-specific Protease UfSP2. Journal of Biological Chemistry, 2011, 286, 10248-10257.	1.6	47
132	Proteasome assembly defect due to a proteasome subunit beta type 8 (PSMB8) mutation causes the autoinflammatory disorder, Nakajo-Nishimura syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14914-14919.	3.3	288
133	Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. Journal of Experimental Medicine, 2011, 208, i12-i12.	4.2	1
134	Parkin Mediates Apparent E2-Independent Monoubiquitination In Vitro and Contains an Intrinsic Activity That Catalyzes Polyubiquitination. PLoS ONE, 2011, 6, e19720.	1.1	40
135	Recycling and Physiological Roles of Intracellular Proteins. Nihon EiyÅ•ShokuryÅ•Gakkai Shi = Nippon EiyÅ•ShokuryÅ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science, 2011, 64, 221-228.	0.2	0
136	Crystal Structure of UbcH5bâ^¼Ubiquitin Intermediate: Insight into the Formation of the Self-Assembled E2â^¼Ub Conjugates. Structure, 2010, 18, 138-147.	1.6	90
137	Activity-Based Profiling Reveals Reactivity of the Murine Thymoproteasome-Specific Subunit Î²5t. Chemistry and Biology, 2010, 17, 795-801.	6.2	72
138	Thymoproteasome Shapes Immunocompetent Repertoire of CD8+ T Cells. Immunity, 2010, 32, 29-40.	6.6	172
139	Crystallization and preliminary X-ray characterization of the Skp1â€"Fbg3 complex. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 95-98.	0.7	2
140	p62/SQSTM1 cooperates with Parkin for perinuclear clustering of depolarized mitochondria. Genes To Cells, 2010, 15, 887-900.	0.5	345
141	CHIP-dependent termination of MEKK2 regulates temporal ERK activation required for proper hyperosmotic response. EMBO Journal, 2010, 29, 2501-2514.	3.5	44
142	The selective autophagy substrate p62 activates the stress responsive transcription factor Nrf2 through inactivation of Keap1. Nature Cell Biology, 2010, 12, 213-223.	4.6	1,933
143	The CD40-Autophagy Pathway Is Needed for Host Protection Despite IFN-Î"-Dependent Immunity and CD40 Induces Autophagy via Control of P21 Levels. PLoS ONE, 2010, 5, e14472.	1.1	65
144	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.	1.1	37

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145	Regulatory mechanisms involved in the control of ubiquitin homeostasis. Journal of Biochemistry, 2010, 147, 793-798.	0.9	162
146	PINK1 stabilized by mitochondrial depolarization recruits Parkin to damaged mitochondria and activates latent Parkin for mitophagy. Journal of Cell Biology, 2010, 189, 211-221.	2.3	1,600
147	Crystal Structure of Yeast Rpn14, a Chaperone of the 19 S Regulatory Particle of the Proteasome. Journal of Biological Chemistry, 2010, 285, 15159-15166.	1.6	20
148	Polyubiquitin conjugation to NEMO by triparite motif protein 23 (TRIM23) is critical in antiviral defense. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15856-15861.	3.3	140
149	Ubiquitin accumulation in autophagy-deficient mice is dependent on the Nrf2-mediated stress response pathway: a potential role for protein aggregation in autophagic substrate selection. Journal of Cell Biology, 2010, 191, 537-552.	2.3	156
150	A Novel Type of E3 Ligase for the Ufm1 Conjugation System. Journal of Biological Chemistry, 2010, 285, 5417-5427.	1.6	176
151	Uncovering the roles of PINK1 and Parkin in mitophagy. Autophagy, 2010, 6, 952-954.	4.3	41
152	Does Impairment of the Ubiquitin-Proteasome System or the Autophagy-Lysosome Pathway Predispose Individuals to Neurodegenerative Disorders such as Parkinson's Disease?. Journal of Alzheimer's Disease, 2010, 19, 1-9.	1.2	89
153	Lectin-like ERAD players in ER and cytosol. Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 172-180.	1.1	53
154	Genetic immunization based on the ubiquitin-fusion degradation pathway against Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2010, 392, 277-282.	1.0	12
155	Dissection of the assembly pathway of the proteasome lid in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 2010, 396, 1048-1053.	1.0	63
156	Role of thymic cortex-specific self-peptides in positive selection of T cells. Seminars in Immunology, 2010, 22, 287-293.	2.7	48
157	Genetic Evidence Linking Age-Dependent Attenuation of the 26S Proteasome with the Aging Process. Molecular and Cellular Biology, 2009, 29, 1095-1106.	1.1	233
158	17-DMAG ameliorates polyglutamine-mediated motor neuron degeneration through well-preserved proteasome function in an SBMA model mouse. Human Molecular Genetics, 2009, 18, 898-910.	1.4	109
159	Ubiquitin Ligase Cbl-b Is a Negative Regulator for Insulin-Like Growth Factor 1 Signaling during Muscle Atrophy Caused by Unloading. Molecular and Cellular Biology, 2009, 29, 4798-4811.	1.1	165
160	The cellular pathways of neuronal autophagy and their implication in neurodegenerative diseases. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1496-1507.	1.9	150
161	Critical role for the immunoproteasome subunit LMP7 in the resistance of mice to <i>Toxoplasma gondii</i> infection. European Journal of Immunology, 2009, 39, 3385-3394.	1.6	38
162	Lysine 63-linked polyubiquitin chain may serve as a targeting signal for the 26S proteasome. EMBO Journal, 2009, 28, 359-371.	3.5	220

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163	Autophagy regulates lipid metabolism. Nature, 2009, 458, 1131-1135.	13.7	3,149
164	Involvement of linear polyubiquitylation of NEMO in NF-ÎºB activation. Nature Cell Biology, 2009, 11, 123-132.	4.6	870
165	Molecular mechanisms of proteasome assembly. Nature Reviews Molecular Cell Biology, 2009, 10, 104-115.	16.1	461
166	Critical role for the immunoproteasome subunit LMP7 in the resistance of mice to Toxoplasma gondii infection. European Journal of Immunology, 2009, , .	1.6	1
167	An Inhibitor of a Deubiquitinating Enzyme Regulates Ubiquitin Homeostasis. Cell, 2009, 137, 549-559.	13.5	79
168	Multiple Proteasome-Interacting Proteins Assist the Assembly of the Yeast 19S Regulatory Particle. Cell, 2009, 137, 900-913.	13.5	157
169	Assembly Pathway of the Mammalian Proteasome Base Subcomplex Is Mediated by Multiple Specific Chaperones. Cell, 2009, 137, 914-925.	13.5	182
170	The MAP1-LC3 conjugation system is involved in lipid droplet formation. Biochemical and Biophysical Research Communications, 2009, 382, 419-423.	1.0	214
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