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List of Publications by Year
in descending order

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310 papers	54,333 citations	1614 105 h-index	1347 223 g-index
343 all docs	343 docs citations	343 times ranked	56751 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Mechanism and medical implications of mammalian autophagy. Nature Reviews Molecular Cell Biology, 2018, 19, 349-364.	37.0	1,933
4	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
5	Phosphorylation of the Autophagy Receptor Optineurin Restricts Salmonella Growth. Science, 2011, 333, 228-233.	12.6	1,125
6	A Role for Ubiquitin in Selective Autophagy. Molecular Cell, 2009, 34, 259-269.	9.7	1,098
7	Nix is a selective autophagy receptor for mitochondrial clearance. EMBO Reports, 2010, 11, 45-51.	4.5	1,045
8	Cargo recognition and trafficking in selective autophagy. Nature Cell Biology, 2014, 16, 495-501.	10.3	997
9	A Role for NBR1 in Autophagosomal Degradation of Ubiquitinated Substrates. Molecular Cell, 2009, 33, 505-516.	9.7	974
10	A role for Pyk2 and Src in linking G-protein-coupled receptors with MAP kinase activation. Nature, 1996, 383, 547-550.	27.8	956
11	Ubiquitination in disease pathogenesis and treatment. Nature Medicine, 2014, 20, 1242-1253.	30.7	845
12	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. Nature, 2020, 587, 657-662.	27.8	818
13	Proteasomal and Autophagic Degradation Systems. Annual Review of Biochemistry, 2017, 86, 193-224.	11.1	800
14	Atypical ubiquitin chains: new molecular signals. EMBO Reports, 2008, 9, 536-542.	4.5	764
15	Ubiquitin-binding domains â€" from structures to functions. Nature Reviews Molecular Cell Biology, 2009, 10, 659-671.	37.0	724
16	Multiple monoubiquitination of RTKs is sufficient for their endocytosis and degradation. Nature Cell Biology, 2003, 5, 461-466.	10.3	715
17	Regulation of endoplasmic reticulum turnover by selective autophagy. Nature, 2015, 522, 354-358.	27.8	714
18	Specific Recognition of Linear Ubiquitin Chains by NEMO Is Important for NF-ÎºB Activation. Cell, 2009, 136, 1098-1109.	28.9	667

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19	Post-translational modifications in signal integration. Nature Structural and Molecular Biology, 2010, 17, 666-672.	8.2	658
20	SHARPIN forms a linear ubiquitin ligase complex regulating NF-Î²B activity and apoptosis. Nature, 2011, 471, 637-641.	27.8	655
21	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. Nature Neuroscience, 2015, 18, 631-636.	14.8	652
22	Ubiquitin-Binding Proteins: Decoders of Ubiquitin-Mediated Cellular Functions. Annual Review of Biochemistry, 2012, 81, 291-322.	11.1	643
23	Ubiquitylation and cell signaling. EMBO Journal, 2005, 24, 3353-3359.	7.8	642
24	Ubiquitin-Binding Domains in Y-Family Polymerases Regulate Translesion Synthesis. Science, 2005, 310, 1821-1824.	12.6	637
25	Cellular quality control by the ubiquitin-proteasome system and autophagy. Science, 2019, 366, 818-822.	12.6	633
26	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
27	Reading protein modifications with interaction domains. Nature Reviews Molecular Cell Biology, 2006, 7, 473-483.	37.0	609
28	Ubiquitin-Dependent And Independent Signals In Selective Autophagy. Trends in Cell Biology, 2016, 26, 6-16.	7.9	577
29	Phosphorylation of OPTN by TBK1 enhances its binding to Ub chains and promotes selective autophagy of damaged mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4039-4044.	7.1	554
30	Proteasome subunit Rpn13 is a novel ubiquitin receptor. Nature, 2008, 453, 481-488.	27.8	553
31	Cblâ€“CIN85â€“endophilin complex mediates ligand-induced downregulation of EGF receptors. Nature, 2002, 416, 183-187.	27.8	537
32	Targeting the ubiquitin system in cancer therapy. Nature, 2009, 458, 438-444.	27.8	525
33	Specification of SUMO1- and SUMO2-interacting Motifs*. Journal of Biological Chemistry, 2006, 281, 16117-16127.	3.4	491
34	PLEKHM1 Regulates Autophagosome-Lysosome Fusion through HOPS Complex and LC3/GABARAP Proteins. Molecular Cell, 2015, 57, 39-54.	9.7	448
35	Distinct monoubiquitin signals in receptor endocytosis. Trends in Biochemical Sciences, 2003, 28, 598-604.	7.5	410
36	Nucleotide-resolution DNA double-strand break mapping by next-generation sequencing. Nature Methods, 2013, 10, 361-365.	19.0	409

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37	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. Cell Cycle, 2009, 8, 1986-1990.	2.6	399
38	Signal Transduction Due to HIV-1 Envelope Interactions with Chemokine Receptors CXCR4 or CCR5. Journal of Experimental Medicine, 1997, 186, 1793-1798.	8.5	383
39	Ubiquitin and ubiquitin-like proteins in cancer pathogenesis. Nature Reviews Cancer, 2006, 6, 776-788.	28.4	375
40	Modulation of Serines 17 and 24 in the LC3-interacting Region of Bnip3 Determines Pro-survival Mitophagy versus Apoptosis. Journal of Biological Chemistry, 2013, 288, 1099-1113.	3.4	374
41	The Cbl interactome and its functions. Nature Reviews Molecular Cell Biology, 2005, 6, 907-919.	37.0	355
42	Ubiquitin chain diversity at a glance. Journal of Cell Science, 2016, 129, 875-80.	2.0	347
43	Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy. ELife, 2017, 6, .	6.0	319
44	Negative receptor signalling. Current Opinion in Cell Biology, 2003, 15, 128-135.	5.4	316
45	The spatial and temporal organization of ubiquitin networks. Nature Reviews Molecular Cell Biology, 2011, 12, 295-307.	37.0	309
46	Autophagy in Antimicrobial Immunity. Molecular Cell, 2014, 54, 224-233.	9.7	304
47	Ubiquitin docking at the proteasome through a novel pleckstrin-homology domain interaction. Nature, 2008, 453, 548-552.	27.8	290
48	CIS3/SOCS-3 Suppresses Erythropoietin (EPO) Signaling by Binding the EPO Receptor and JAK2. Journal of Biological Chemistry, 2000, 275, 29338-29347.	3.4	288
49	The role of ubiquitylation in receptor endocytosis and endosomal sorting. Journal of Cell Science, 2012, 125, 265-275.	2.0	283
50	Regulation of ubiquitin-binding proteins by monoubiquitination. Nature Cell Biology, 2006, 8, 163-169.	10.3	279
51	Ubiquitin-independent function of optineurin in autophagic clearance of protein aggregates. Journal of Cell Science, 2013, 126, 580-592.	2.0	268
52	The LC3 interactome at a glance. Journal of Cell Science, 2014, 127, 3-9.	2.0	240
53	Phosphoribosylation of Ubiquitin Promotes Serine Ubiquitination and Impairs Conventional Ubiquitination. Cell, 2016, 167, 1636-1649.e13.	28.9	234
54	Ubiquitin signaling and autophagy. Journal of Biological Chemistry, 2018, 293, 5404-5413.	3.4	230

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55	PC12 cells overexpressing the insulin receptor undergo insulin-dependent neuronal differentiation. Current Biology, 1994, 4, 702-708.	3.9	216
56	Novel markers of normal and neoplastic human plasmacytoid dendritic cells. Blood, 2008, 111, 3778-3792.	1.4	204
57	Phosphorylation of the mitochondrial autophagy receptor Nix enhances its interaction with LC3 proteins. Scientific Reports, 2017, 7, 1131.	3.3	203
58	Selective Autophagy in Cancer Development and Therapy. Cancer Research, 2010, 70, 3431-3434.	0.9	196
59	Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. Molecular Cell, 2017, 66, 517-532.e9.	9.7	196
60	Pyk2 and FAK regulate neurite outgrowth induced by growth factors and integrins. Nature Cell Biology, 2000, 2, 574-581.	10.3	190
61	Adaptor Proteins Grb2 and Crk Couple Pyk2 with Activation of Specific Mitogen-activated Protein Kinase Cascades. Journal of Biological Chemistry, 1999, 274, 14893-14901.	3.4	189
62	Ubiquitin-Binding Motifs in REV1 Protein Are Required for Its Role in the Tolerance of DNA Damage. Molecular and Cellular Biology, 2006, 26, 8892-8900.	2.3	183
63	Tyrosine Phosphorylation of the c-cbl Proto-oncogene Protein Product and Association with Epidermal Growth Factor (EGF) Receptor upon EGF Stimulation. Journal of Biological Chemistry, 1995, 270, 20242-20245.	3.4	182
64	A selective <scp>ER</scp> â€phagy exerts procollagen quality control via a Calnexinâ€•<scp>FAM</scp> 134B complex. EMBO Journal, 2019, 38, .	7.8	178
65	Flt3-dependent transformation by inactivating c-Cbl mutations in AML. Blood, 2007, 110, 1004-1012.	1.4	177
66	A20 inhibits LUBAC-mediated NF-Î²B activation by binding linear polyubiquitin chains via its zinc finger 7. EMBO Journal, 2012, 31, 3845-3855.	7.8	176
67	Structural basis for ligase-specific conjugation of linear ubiquitin chains by HOIP. Nature, 2013, 503, 422-426.	27.8	174
68	Ubiquitin-Dependent Sorting in Endocytosis. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016808-a016808.	5.5	174
69	Role of ubiquitin- and Ubl-binding proteins in cell signaling. Current Opinion in Cell Biology, 2007, 19, 199-205.	5.4	172
70	Autophagic targeting of Src promotes cancer cell survival following reduced FAK signalling. Nature Cell Biology, 2012, 14, 51-60.	10.3	171
71	Expanding the ubiquitin code through postâ€translational modification. EMBO Reports, 2015, 16, 1071-1083.	4.5	169
72	CIN85/CMS family of adaptor molecules. FEBS Letters, 2002, 529, 110-115.	2.8	166

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73	Mutations in SPRTN cause early onset hepatocellular carcinoma, genomic instability and progeroid features. Nature Genetics, 2014, 46, 1239-1244.	21.4	165
74	NBR1 co-operates with p62 in selective autophagy of ubiquitinated targets. Autophagy, 2009, 5, 732-733.	9.1	163
75	Rab GTPase-Activating Proteins in Autophagy: Regulation of Endocytic and Autophagy Pathways by Direct Binding to Human ATG8 Modifiers. Molecular and Cellular Biology, 2012, 32, 1733-1744.	2.3	161
76	Tyrosine Phosphorylation of Pyk2 Is Selectively Regulated by Fyn During TCR Signaling. Journal of Experimental Medicine, 1997, 185, 1253-1260.	8.5	158
77	Binding of OTULIN to the PUB Domain of HOIP Controls NF-Îºb Signaling. Molecular Cell, 2014, 54, 349-361.	9.7	155
78	ER-phagy at a glance. Journal of Cell Science, 2018, 131, .	2.0	154
79	Mechanisms controlling EGF receptor endocytosis and degradation. Biochemical Society Transactions, 2003, 31, 1178-1181.	3.4	153
80	Sharpin prevents skin inflammation by inhibiting TNFR1-induced keratinocyte apoptosis. ELife, 2014, 3, .	6.0	151
81	Regulation of Translesion Synthesis DNA Polymerase Î· by Monoubiquitination. Molecular Cell, 2010, 37, 396-407.	9.7	148
82	Mitophagy in yeast is independent of mitochondrial fission and requires the stress response gene WHI2. Journal of Cell Science, 2011, 124, 1339-1350.	2.0	147
83	Curvature induction and membrane remodeling by FAM134B reticulon homology domain assist selective ER-phagy. Nature Communications, 2019, 10, 2370.	12.8	147
84	What Determines the Specificity and Outcomes of Ubiquitin Signaling?. Cell, 2010, 143, 677-681.	28.9	146
85	<scp>TBC</scp> 1 <scp>D</scp> 5 and the <scp>AP</scp> 2 complex regulate <scp>ATG</scp> 9 trafficking and initiation of autophagy. EMBO Reports, 2014, 15, 392-401.	4.5	146
86	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF-Îºb and restricts bacterial proliferation. Nature Microbiology, 2017, 2, 17066.	13.3	145
87	Cbl-directed monoubiquitination of CIN85 is involved in regulation of ligand-induced degradation of EGF receptors. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12191-12196.	7.1	144
88	The Three Musketeers of Autophagy: phosphorylation, ubiquitylation and acetylation. Trends in Cell Biology, 2011, 21, 195-201.	7.9	143
89	Generation and physiological roles of linear ubiquitin chains. BMC Biology, 2012, 10, 23.	3.8	143
90	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. Cell Research, 2017, 27, 657-674.	12.0	143

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91	Regulation of Epidermal Growth Factor Receptor Trafficking by Lysine Deacetylase HDAC6. Science Signaling, 2009, 2, ra84.	3.6	140
92	Inflammatory cardiac valvulitis in TAX1BP1-deficient mice through selective NF-Î²B activation. EMBO Journal, 2008, 27, 629-641.	7.8	139
93	Fluorescence-Based Sensors to Monitor Localization and Functions of Linear and K63-Linked Ubiquitin Chains in Cells. Molecular Cell, 2012, 47, 797-809.	9.7	137
94	E3-Independent Monoubiquitination of Ubiquitin-Binding Proteins. Molecular Cell, 2007, 26, 891-898.	9.7	132
95	Epidermal growth factor-like domain 7 (EGFL7) modulates Notch signalling and affects neural stem cell renewal. Nature Cell Biology, 2009, 11, 873-880.	10.3	132
96	Structural and functional analysis of the GABARAP interaction motif (GIM). EMBO Reports, 2017, 18, 1382-1396.	4.5	129
97	CIN85 Associates with Multiple Effectors Controlling Intracellular Trafficking of Epidermal Growth Factor Receptors. Molecular Biology of the Cell, 2004, 15, 3155-3166.	2.1	123
98	SPRTN is a mammalian DNA-binding metalloprotease that resolves DNA-protein crosslinks. ELife, 2016, 5, .	6.0	123
99	Shc Binding to Nerve Growth Factor Receptor Is Mediated by the Phosphotyrosine Interaction Domain. Journal of Biological Chemistry, 1995, 270, 15125-15129.	3.4	122
100	Identification of a New Pyk2 Isoform Implicated in Chemokine and Antigen Receptor Signaling. Journal of Biological Chemistry, 1998, 273, 14301-14308.	3.4	121
101	Suppressors of T-cell Receptor Signaling Sts-1 and Sts-2 Bind to Cbl and Inhibit Endocytosis of Receptor Tyrosine Kinases. Journal of Biological Chemistry, 2004, 279, 32786-32795.	3.4	121
102	Identification of a Novel Proline-Arginine Motif Involved in CIN85-dependent Clustering of Cbl and Down-regulation of Epidermal Growth Factor Receptors. Journal of Biological Chemistry, 2003, 278, 39735-39746.	3.4	115
103	Spatial organization of transmembrane receptor signalling. EMBO Journal, 2010, 29, 2677-2688.	7.8	115
104	Cdx1 promotes differentiation in a rat intestinal epithelial cell line. Gastroenterology, 1999, 117, 1326-1338.	1.3	113
105	CIN85 Participates in Cbl-b-mediated Down-regulation of Receptor Tyrosine Kinases. Journal of Biological Chemistry, 2002, 277, 39666-39672.	3.4	108
106	Alix/AIP1 Antagonizes Epidermal Growth Factor Receptor Downregulation by the Cbl-SETA/CIN85 Complex. Molecular and Cellular Biology, 2004, 24, 8981-8993.	2.3	108
107	Involvement of the ubiquitin-like domain of TBK1/IKK-i kinases in regulation of IFN-inducible genes. EMBO Journal, 2007, 26, 3451-3462.	7.8	108
108	Common Molecular Pathways in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. Trends in Molecular Medicine, 2016, 22, 769-783.	6.7	103

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109	G Protein-Coupled Receptor-Mediated Mitogen-Activated Protein Kinase Activation through Cooperation of GÎ± q and GÎ± i Signals. Molecular and Cellular Biology, 2000, 20, 6837-6848.	2.3	101
110	Functional Roles of Ubiquitin-Like Domain (ULD) and Ubiquitin-Binding Domain (UBD) Containing Proteins. Chemical Reviews, 2009, 109, 1481-1494.	47.7	101
111	Linear Ubiquitination of NEMO Negatively Regulates the Interferon Antiviral Response through Disruption of the MAVS-TRAF3 Complex. Cell Host and Microbe, 2012, 12, 211-222.	11.0	101
112	The phosphatase and tensin homolog regulates epidermal growth factor receptor (EGFR) inhibitor response by targeting EGFR for degradation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6459-6464.	7.1	99
113	Global Analysis of Host and Bacterial Ubiquitinome in Response to Salmonella Typhimurium Infection. Molecular Cell, 2016, 62, 967-981.	9.7	99
114	Contributions of ubiquitin- and PCNA-binding domains to the activity of Polymerase Â in Saccharomyces cerevisiae. Nucleic Acids Research, 2007, 35, 881-889.	14.5	98
115	Inhibition of bacterial ubiquitin ligases by SidJâ€“calmodulin catalysed glutamylation. Nature, 2019, 572, 382-386.	27.8	98
116	Bacteria-host relationship: ubiquitin ligases as weapons of invasion. Cell Research, 2016, 26, 499-510.	12.0	95
117	A guide to the regulation of selective autophagy receptors. FEBS Journal, 2022, 289, 75-89.	4.7	95
118	Polo-like Kinase 1-mediated Phosphorylation Stabilizes Pin1 by Inhibiting Its Ubiquitination in Human Cells. Journal of Biological Chemistry, 2005, 280, 36575-36583.	3.4	94
119	Structural basis for phosphorylation-triggered autophagic clearance of Salmonella. Biochemical Journal, 2013, 454, 459-466.	3.7	92
120	Regulation of Phosphoribosyl-Linked Serine Ubiquitination by Deubiquitinases DupA and DupB. Molecular Cell, 2020, 77, 164-179.e6.	9.7	91
121	PLEKHM1 Regulates Salmonella-Containing Vacuole Biogenesis and Infection. Cell Host and Microbe, 2015, 17, 58-71.	11.0	89
122	Ataxin-2 associates with the endocytosis complex and affects EGF receptor trafficking. Cellular Signalling, 2008, 20, 1725-1739.	3.6	87
123	Determination of Bradykinin B2 Receptor in Vivo Phosphorylation Sites and Their Role in Receptor Function. Journal of Biological Chemistry, 2001, 276, 40431-40440.	3.4	86
124	Characterization of the Interaction of GABARAPL-1 with the LIR Motif of NBR1. Journal of Molecular Biology, 2011, 410, 477-487.	4.2	86
125	Analysis of Nuclear Factor-ÎºB (NF-ÎºB) Essential Modulator (NEMO) Binding to Linear and Lysine-linked Ubiquitin Chains and Its Role in the Activation of NF-ÎºB. Journal of Biological Chemistry, 2012, 287, 23626-23634.	3.4	86
126	Ubiquitin networks in cancer. Current Opinion in Genetics and Development, 2011, 21, 21-28.	3.3	85

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127	Compartmentalization of growth factor receptor signalling. Current Opinion in Cell Biology, 2005, 17, 107-111.	5.4	84
128	Insights into catalysis and function of phosphoribosyl-linked serine ubiquitination. Nature, 2018, 557, 734-738.	27.8	84
129	Cbl signaling networks in the regulation of cell function. Cellular and Molecular Life Sciences, 2003, 60, 1805-1827.	5.4	83
130	Loss of the selective autophagy receptor p62 impairs murine myeloid leukemia progression and mitophagy. Blood, 2019, 133, 168-179.	1.4	83
131	Recruitment of Pyk2 and Cbl to lipid rafts mediates signals important for actin reorganization in growing neurites. Journal of Cell Science, 2004, 117, 2557-2568.	2.0	82
132	Cyclic AMP Induces Transactivation of the Receptors for Epidermal Growth Factor and Nerve Growth Factor, Thereby Modulating Activation of MAP Kinase, Akt, and Neurite Outgrowth in PC12 Cells. Journal of Biological Chemistry, 2002, 277, 43623-43630.	3.4	79
133	The TBC/RabGAP Armus Coordinates Rac1 and Rab7 Functions during Autophagy. Developmental Cell, 2013, 25, 15-28.	7.0	79
134	RAB3GAP1 and RAB3GAP2 modulate basal and rapamycin-induced autophagy. Autophagy, 2014, 10, 2297-2309.	9.1	79
135	Ubiquitin ligase complexes: from substrate selectivity to conjugational specificity. Biological Chemistry, 2010, 391, 163-169.	2.5	78
136	Biglycan evokes autophagy in macrophages via aÂnovel CD44/Toll-like receptor 4 signaling axisÂinÂischemia/reperfusion injury. Kidney International, 2019, 95, 540-562.	5.2	78
137	Visualizing ubiquitination in mammalian cells. EMBO Reports, 2019, 20, .	4.5	73
138	ER-phagy and human diseases. Cell Death and Differentiation, 2020, 27, 833-842.	11.2	72
139	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemoresistant Breast Cancer Cells. Neoplasia, 2018, 20, 263-279.	5.3	71
140	Multiplex image-based autophagy RNAi screening identifies SMCR8 as ULK1 kinase activity and gene expression regulator. ELife, 2017, 6, .	6.0	70
141	Structural and Functional Analysis of a Novel Interaction Motif within UFM1-activating Enzyme 5 (UBA5) Required for Binding to Ubiquitin-like Proteins and Ufmylation. Journal of Biological Chemistry, 2016, 291, 9025-9041.	3.4	69
142	Unconventional Ubiquitin Recognition by the Ubiquitin-Binding Motif within the Y Family DNA Polymerases Î¹ and Rev1. Molecular Cell, 2010, 37, 408-417.	9.7	68
143	Single-molecule imaging reveals the oligomeric state of functional TNFÎ±-induced plasma membrane TNFR1 clusters in cells. Science Signaling, 2020, 13, .	3.6	67
144	Cbl-ArgBP2 complex mediates ubiquitination and degradation of c-Abl. Biochemical Journal, 2003, 370, 29-34.	3.7	66

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145	Autophagy receptors in developmental clearance of mitochondria. Autophagy, 2011, 7, 301-303.	9.1	64
146	Glucose Activates Mitogen-activated Protein Kinase (Extracellular Signal-regulated Kinase) through Proline-rich Tyrosine Kinase-2 and the Glut1 Glucose Transporter. Journal of Biological Chemistry, 2000, 275, 40817-40826.	3.4	63
147	Glucose Activates Protein Kinase C-Î¶/Î» through Proline-rich Tyrosine Kinase-2, Extracellular Signal-regulated Kinase, and Phospholipase D. Journal of Biological Chemistry, 2001, 276, 35537-35545.	3.4	63
148	Src Phosphorylation of Alix/AIP1 Modulates Its Interaction with Binding Partners and Antagonizes Its Activities*. Journal of Biological Chemistry, 2005, 280, 3414-3425.	3.4	63
149	Sprouty2 acts at the Cbl/CIN85 interface to inhibit epidermal growth factor receptor downregulation. EMBO Reports, 2005, 6, 635-641.	4.5	62
150	The Kinase Chemogenomic Set (KCGS): An Open Science Resource for Kinase Vulnerability Identification. International Journal of Molecular Sciences, 2021, 22, 566.	4.1	62
151	Expanding the arsenal of E3 ubiquitin ligases for proximity-induced protein degradation. Cell Chemical Biology, 2021, 28, 1014-1031.	5.2	62
152	Human Wrnip1 Is Localized in Replication Factories in a Ubiquitin-binding Zinc Finger-dependent Manner. Journal of Biological Chemistry, 2008, 283, 35173-35185.	3.4	60
153	MiT/ <scp>TFE</scp> factors control <scp>ER</scp> â€phagy via transcriptional regulation of <scp>FAM</scp> 134B. EMBO Journal, 2020, 39, e105696.	7.8	60
154	Requirements for the Interaction of Mouse Polκ with Ubiquitin and Its Biological Significance. Journal of Biological Chemistry, 2008, 283, 4658-4664.	3.4	59
155	Simeprevir Potently Suppresses SARS-CoV-2 Replication and Synergizes with Remdesivir. ACS Central Science, 2021, 7, 792-802.	11.3	59
156	TBK1â€mediated phosphorylation of LC3C and GABARAPâ€L2 controls autophagosome shedding by ATG4 protease. EMBO Reports, 2020, 21, e48317.	4.5	58
157	The Csk Homologous Kinase Associates with TrkA Receptors and Is Involved in Neurite Outgrowth of PC12 Cells. Journal of Biological Chemistry, 1999, 274, 15059-15065.	3.4	57
158	Cargo- and compartment-selective endocytic scaffold proteins. Biochemical Journal, 2004, 383, 1-11.	3.7	57
159	Cbl promotes clustering of endocytic adaptor proteins. Nature Structural and Molecular Biology, 2005, 12, 972-979.	8.2	56
160	Signal processing by its coil zipper domain activates IKKγ. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1279-1284.	7.1	55
161	Autophagy Captures the Nobel Prize. Cell, 2016, 167, 1433-1435.	28.9	55
162	IKKα controls ATG16L1 degradation to prevent ER stress during inflammation. Journal of Experimental Medicine, 2017, 214, 423-437.	8.5	55

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163	Biochemical characterization of protease activity of Nsp3 from SARS-CoV-2 and its inhibition by nanobodies. PLoS ONE, 2021, 16, e0253364.	2.5	55
164	Mitochondria get a Parkin' ticket. Nature Cell Biology, 2010, 12, 104-106.	10.3	53
165	Outer membrane vesicles containing OmpA induce mitochondrial fragmentation to promote pathogenesis of Acinetobacter baumannii. Scientific Reports, 2021, 11, 618.	3.3	52
166	Cindr Interacts with Anillin to Control Cytokinesis in Drosophila melanogaster. Current Biology, 2010, 20, 944-950.	3.9	50
167	Fluorescenceâ€based <scp>ATG</scp>8 sensors monitor localization and function of <scp>LC</scp>3/<scp>GABARAP</scp> proteins. EMBO Journal, 2017, 36, 549-564.	7.8	49
168	Structural basis for the recognition and degradation of host TRIM proteins by Salmonella effector SopA. Nature Communications, 2017, 8, 14004.	12.8	48
169	CIN85 Regulates the Ligand-Dependent Endocytosis of the IgE Receptor: A New Molecular Mechanism to Dampen Mast Cell Function. Journal of Immunology, 2005, 175, 4208-4216.	0.8	45
170	Famotidine inhibits toll-like receptor 3-mediated inflammatory signaling in SARS-CoV-2 infection. Journal of Biological Chemistry, 2021, 297, 100925.	3.4	43
171	Protein tyrosine kinase-mediated pathways in G protein-coupled receptor signaling. Cell Biochemistry and Biophysics, 1999, 30, 369-387.	1.8	42
172	Homeobox gene Cdx1 regulates Ras, Rho and PI3 kinase pathways leading to transformation and tumorigenesis of intestinal epithelial cells. Oncogene, 2001, 20, 4180-4187.	5.9	42
173	Ubiquitylation in immune disorders and cancer: from molecular mechanisms to therapeutic implications. EMBO Molecular Medicine, 2012, 4, 545-556.	6.9	42
174	CIN85 Deficiency Prevents Nephrin Endocytosis and Proteinuria in Diabetes. Diabetes, 2016, 65, 3667-3679.	0.6	42
175	Expanding the Ubiquitin Code. Cell, 2016, 164, 1074-1074.e1.	28.9	41
176	An atypical LIR motif within UBA5 (ubiquitin like modifier activating enzyme 5) interacts with GABARAP proteins and mediates membrane localization of UBA5. Autophagy, 2020, 16, 256-270.	9.1	41
177	Proline-rich tyrosine kinase 2 regulates proliferation and differentiation of prostate cells. Molecular and Cellular Endocrinology, 2002, 186, 81-87.	3.2	39
178	The integration of autophagy and cellular trafficking pathways via RAB GAPs. Autophagy, 2015, 11, 2393-2397.	9.1	39
179	Dab2 links CIN85 with clathrin-mediated receptor internalization. FEBS Letters, 2003, 554, 81-87.	2.8	38
180	Receptor endocytosis via ubiquitin-dependent and -independent pathways. Biochemical Pharmacology, 2004, 67, 1013-1017.	4.4	38

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181	A Universal Expression Tag for Structural and Functional Studies of Proteins. ChemBioChem, 2012, 13, 959-963.	2.6	38
182	ER remodeling via ER-phagy. Molecular Cell, 2022, 82, 1492-1500.	9.7	38
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