

Ivan ÄikiÄ

List of Publications by Year in descending order

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310
papers

54,333
citations

1612

105
h-index

1345

223
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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). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Mechanism and medical implications of mammalian autophagy. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 349-364.	16.1	1,933
4	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
5	Phosphorylation of the Autophagy Receptor Optineurin Restricts <i>Salmonella</i> Growth. <i>Science</i> , 2011, 333, 228-233.	6.0	1,125
6	A Role for Ubiquitin in Selective Autophagy. <i>Molecular Cell</i> , 2009, 34, 259-269.	4.5	1,098
7	Nix is a selective autophagy receptor for mitochondrial clearance. <i>EMBO Reports</i> , 2010, 11, 45-51.	2.0	1,045
8	Cargo recognition and trafficking in selective autophagy. <i>Nature Cell Biology</i> , 2014, 16, 495-501.	4.6	997
9	A Role for NBR1 in Autophagosomal Degradation of Ubiquitinated Substrates. <i>Molecular Cell</i> , 2009, 33, 505-516.	4.5	974
10	A role for Pyk2 and Src in linking G-protein-coupled receptors with MAP kinase activation. <i>Nature</i> , 1996, 383, 547-550.	13.7	956
11	Ubiquitination in disease pathogenesis and treatment. <i>Nature Medicine</i> , 2014, 20, 1242-1253.	15.2	845
12	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , 2020, 587, 657-662.	13.7	818
13	Proteasomal and Autophagic Degradation Systems. <i>Annual Review of Biochemistry</i> , 2017, 86, 193-224.	5.0	800
14	Atypical ubiquitin chains: new molecular signals. <i>EMBO Reports</i> , 2008, 9, 536-542.	2.0	764
15	Ubiquitin-binding domains – from structures to functions. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 659-671.	16.1	724
16	Multiple monoubiquitination of RTKs is sufficient for their endocytosis and degradation. <i>Nature Cell Biology</i> , 2003, 5, 461-466.	4.6	715
17	Regulation of endoplasmic reticulum turnover by selective autophagy. <i>Nature</i> , 2015, 522, 354-358.	13.7	714
18	Specific Recognition of Linear Ubiquitin Chains by NEMO Is Important for NF- κ B Activation. <i>Cell</i> , 2009, 136, 1098-1109.	13.5	667

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19	Post-translational modifications in signal integration. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 666-672.	3.6	658
20	SHARPIN forms a linear ubiquitin ligase complex regulating NF- κ B activity and apoptosis. <i>Nature</i> , 2011, 471, 637-641.	13.7	655
21	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. <i>Nature Neuroscience</i> , 2015, 18, 631-636.	7.1	652
22	Ubiquitin-Binding Proteins: Decoders of Ubiquitin-Mediated Cellular Functions. <i>Annual Review of Biochemistry</i> , 2012, 81, 291-322.	5.0	643
23	Ubiquitylation and cell signaling. <i>EMBO Journal</i> , 2005, 24, 3353-3359.	3.5	642
24	Ubiquitin-Binding Domains in Y-Family Polymerases Regulate Translesion Synthesis. <i>Science</i> , 2005, 310, 1821-1824.	6.0	637
25	Cellular quality control by the ubiquitin-proteasome system and autophagy. <i>Science</i> , 2019, 366, 818-822.	6.0	633
26	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
27	Reading protein modifications with interaction domains. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 473-483.	16.1	609
28	Ubiquitin-Dependent And Independent Signals In Selective Autophagy. <i>Trends in Cell Biology</i> , 2016, 26, 6-16.	3.6	577
29	Phosphorylation of OPTN by TBK1 enhances its binding to Ub chains and promotes selective autophagy of damaged mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4039-4044.	3.3	554
30	Proteasome subunit Rpn13 is a novel ubiquitin receptor. <i>Nature</i> , 2008, 453, 481-488.	13.7	553
31	Cbl- κ CIN85- κ endophilin complex mediates ligand-induced downregulation of EGF receptors. <i>Nature</i> , 2002, 416, 183-187.	13.7	537
32	Targeting the ubiquitin system in cancer therapy. <i>Nature</i> , 2009, 458, 438-444.	13.7	525
33	Specification of SUMO1- and SUMO2-interacting Motifs*. <i>Journal of Biological Chemistry</i> , 2006, 281, 16117-16127.	1.6	491
34	PLEKHM1 Regulates Autophagosome-Lysosome Fusion through HOPS Complex and LC3/GABARAP Proteins. <i>Molecular Cell</i> , 2015, 57, 39-54.	4.5	448
35	Distinct monoubiquitin signals in receptor endocytosis. <i>Trends in Biochemical Sciences</i> , 2003, 28, 598-604.	3.7	410
36	Nucleotide-resolution DNA double-strand break mapping by next-generation sequencing. <i>Nature Methods</i> , 2013, 10, 361-365.	9.0	409

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37	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. <i>Cell Cycle</i> , 2009, 8, 1986-1990.	1.3	399
38	Signal Transduction Due to HIV-1 Envelope Interactions with Chemokine Receptors CXCR4 or CCR5. <i>Journal of Experimental Medicine</i> , 1997, 186, 1793-1798.	4.2	383
39	Ubiquitin and ubiquitin-like proteins in cancer pathogenesis. <i>Nature Reviews Cancer</i> , 2006, 6, 776-788.	12.8	375
40	Modulation of Serines 17 and 24 in the LC3-interacting Region of Bnip3 Determines Pro-survival Mitophagy versus Apoptosis. <i>Journal of Biological Chemistry</i> , 2013, 288, 1099-1113.	1.6	374
41	The Cbl interactome and its functions. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 907-919.	16.1	355
42	Ubiquitin chain diversity at a glance. <i>Journal of Cell Science</i> , 2016, 129, 875-80.	1.2	347
43	Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy. <i>ELife</i> , 2017, 6, .	2.8	319
44	Negative receptor signalling. <i>Current Opinion in Cell Biology</i> , 2003, 15, 128-135.	2.6	316
45	The spatial and temporal organization of ubiquitin networks. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 295-307.	16.1	309
46	Autophagy in Antimicrobial Immunity. <i>Molecular Cell</i> , 2014, 54, 224-233.	4.5	304
47	Ubiquitin docking at the proteasome through a novel pleckstrin-homology domain interaction. <i>Nature</i> , 2008, 453, 548-552.	13.7	290
48	CIS3/SOCS-3 Suppresses Erythropoietin (EPO) Signaling by Binding the EPO Receptor and JAK2. <i>Journal of Biological Chemistry</i> , 2000, 275, 29338-29347.	1.6	288
49	The role of ubiquitylation in receptor endocytosis and endosomal sorting. <i>Journal of Cell Science</i> , 2012, 125, 265-275.	1.2	283
50	Regulation of ubiquitin-binding proteins by monoubiquitination. <i>Nature Cell Biology</i> , 2006, 8, 163-169.	4.6	279
51	Ubiquitin-independent function of optineurin in autophagic clearance of protein aggregates. <i>Journal of Cell Science</i> , 2013, 126, 580-592.	1.2	268
52	The LC3 interactome at a glance. <i>Journal of Cell Science</i> , 2014, 127, 3-9.	1.2	240
53	Phosphoribosylation of Ubiquitin Promotes Serine Ubiquitination and Impairs Conventional Ubiquitination. <i>Cell</i> , 2016, 167, 1636-1649.e13.	13.5	234
54	Ubiquitin signaling and autophagy. <i>Journal of Biological Chemistry</i> , 2018, 293, 5404-5413.	1.6	230

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55	PC12 cells overexpressing the insulin receptor undergo insulin-dependent neuronal differentiation. <i>Current Biology</i> , 1994, 4, 702-708.	1.8	216
56	Novel markers of normal and neoplastic human plasmacytoid dendritic cells. <i>Blood</i> , 2008, 111, 3778-3792.	0.6	204
57	Phosphorylation of the mitochondrial autophagy receptor Nix enhances its interaction with LC3 proteins. <i>Scientific Reports</i> , 2017, 7, 1131.	1.6	203
58	Selective Autophagy in Cancer Development and Therapy. <i>Cancer Research</i> , 2010, 70, 3431-3434.	0.4	196
59	Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. <i>Molecular Cell</i> , 2017, 66, 517-532.e9.	4.5	196
60	Pyk2 and FAK regulate neurite outgrowth induced by growth factors and integrins. <i>Nature Cell Biology</i> , 2000, 2, 574-581.	4.6	190
61	Adaptor Proteins Grb2 and Crk Couple Pyk2 with Activation of Specific Mitogen-activated Protein Kinase Cascades. <i>Journal of Biological Chemistry</i> , 1999, 274, 14893-14901.	1.6	189
62	Ubiquitin-Binding Motifs in REV1 Protein Are Required for Its Role in the Tolerance of DNA Damage. <i>Molecular and Cellular Biology</i> , 2006, 26, 8892-8900.	1.1	183
63	Tyrosine Phosphorylation of the c-cbl Proto-oncogene Protein Product and Association with Epidermal Growth Factor (EGF) Receptor upon EGF Stimulation. <i>Journal of Biological Chemistry</i> , 1995, 270, 20242-20245.	1.6	182
64	A selective autophagy exerts procollagen quality control via a Calnexin-FAM134B complex. <i>EMBO Journal</i> , 2019, 38, .	3.5	178
65	Flt3-dependent transformation by inactivating c-Cbl mutations in AML. <i>Blood</i> , 2007, 110, 1004-1012.	0.6	177
66	A20 inhibits LUBAC-mediated NF- κ B activation by binding linear polyubiquitin chains via its zinc finger 7. <i>EMBO Journal</i> , 2012, 31, 3845-3855.	3.5	176
67	Structural basis for ligase-specific conjugation of linear ubiquitin chains by HOIP. <i>Nature</i> , 2013, 503, 422-426.	13.7	174
68	Ubiquitin-Dependent Sorting in Endocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016808-a016808.	2.3	174
69	Role of ubiquitin- and Ubl-binding proteins in cell signaling. <i>Current Opinion in Cell Biology</i> , 2007, 19, 199-205.	2.6	172
70	Autophagic targeting of Src promotes cancer cell survival following reduced FAK signalling. <i>Nature Cell Biology</i> , 2012, 14, 51-60.	4.6	171
71	Expanding the ubiquitin code through post-translational modification. <i>EMBO Reports</i> , 2015, 16, 1071-1083.	2.0	169
72	CIN85/CMS family of adaptor molecules. <i>FEBS Letters</i> , 2002, 529, 110-115.	1.3	166

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73	Mutations in SPRTN cause early onset hepatocellular carcinoma, genomic instability and progeroid features. <i>Nature Genetics</i> , 2014, 46, 1239-1244.	9.4	165
74	NBR1 co-operates with p62 in selective autophagy of ubiquitinated targets. <i>Autophagy</i> , 2009, 5, 732-733.	4.3	163
75	Rab GTPase-Activating Proteins in Autophagy: Regulation of Endocytic and Autophagy Pathways by Direct Binding to Human ATG8 Modifiers. <i>Molecular and Cellular Biology</i> , 2012, 32, 1733-1744.	1.1	161
76	Tyrosine Phosphorylation of Pyk2 Is Selectively Regulated by Fyn During TCR Signaling. <i>Journal of Experimental Medicine</i> , 1997, 185, 1253-1260.	4.2	158
77	Binding of OTULIN to the PUB Domain of HOIP Controls NF-ĀB Signaling. <i>Molecular Cell</i> , 2014, 54, 349-361.	4.5	155
78	ER-phagy at a glance. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	154
79	Mechanisms controlling EGF receptor endocytosis and degradation. <i>Biochemical Society Transactions</i> , 2003, 31, 1178-1181.	1.6	153
80	Sharpin prevents skin inflammation by inhibiting TNFR1-induced keratinocyte apoptosis. <i>ELife</i> , 2014, 3, .	2.8	151
81	Regulation of Translesion Synthesis DNA Polymerase Ā by Monoubiquitination. <i>Molecular Cell</i> , 2010, 37, 396-407.	4.5	148
82	Mitophagy in yeast is independent of mitochondrial fission and requires the stress response gene <i>WHI2</i> . <i>Journal of Cell Science</i> , 2011, 124, 1339-1350.	1.2	147
83	Curvature induction and membrane remodeling by FAM134B reticulon homology domain assist selective ER-phagy. <i>Nature Communications</i> , 2019, 10, 2370.	5.8	147
84	What Determines the Specificity and Outcomes of Ubiquitin Signaling?. <i>Cell</i> , 2010, 143, 677-681.	13.5	146
85	<i>TBC</i> 1 <i>D</i> 5 and the <i>AP</i> 2 complex regulate <i>ATG</i> 9 trafficking and initiation of autophagy. <i>EMBO Reports</i> , 2014, 15, 392-401.	2.0	146
86	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF-ĀB and restricts bacterial proliferation. <i>Nature Microbiology</i> , 2017, 2, 17066.	5.9	145
87	Cbl-directed monoubiquitination of CIN85 is involved in regulation of ligand-induced degradation of EGF receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12191-12196.	3.3	144
88	The Three Musketeers of Autophagy: phosphorylation, ubiquitylation and acetylation. <i>Trends in Cell Biology</i> , 2011, 21, 195-201.	3.6	143
89	Generation and physiological roles of linear ubiquitin chains. <i>BMC Biology</i> , 2012, 10, 23.	1.7	143
90	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

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91	Regulation of Epidermal Growth Factor Receptor Trafficking by Lysine Deacetylase HDAC6. <i>Science Signaling</i> , 2009, 2, ra84.	1.6	140
92	Inflammatory cardiac valvulitis in TAX1BP1-deficient mice through selective NF- κ B activation. <i>EMBO Journal</i> , 2008, 27, 629-641.	3.5	139
93	Fluorescence-Based Sensors to Monitor Localization and Functions of Linear and K63-Linked Ubiquitin Chains in Cells. <i>Molecular Cell</i> , 2012, 47, 797-809.	4.5	137
94	E3-Independent Monoubiquitination of Ubiquitin-Binding Proteins. <i>Molecular Cell</i> , 2007, 26, 891-898.	4.5	132
95	Epidermal growth factor-like domain 7 (EGFL7) modulates Notch signalling and affects neural stem cell renewal. <i>Nature Cell Biology</i> , 2009, 11, 873-880.	4.6	132
96	Structural and functional analysis of the GABARAP interaction motif (GIM). <i>EMBO Reports</i> , 2017, 18, 1382-1396.	2.0	129
97	CIN85 Associates with Multiple Effectors Controlling Intracellular Trafficking of Epidermal Growth Factor Receptors. <i>Molecular Biology of the Cell</i> , 2004, 15, 3155-3166.	0.9	123
98	SPRTN is a mammalian DNA-binding metalloprotease that resolves DNA-protein crosslinks. <i>ELife</i> , 2016, 5, .	2.8	123
99	Shc Binding to Nerve Growth Factor Receptor Is Mediated by the Phosphotyrosine Interaction Domain. <i>Journal of Biological Chemistry</i> , 1995, 270, 15125-15129.	1.6	122
100	Identification of a New Pyk2 Isoform Implicated in Chemokine and Antigen Receptor Signaling. <i>Journal of Biological Chemistry</i> , 1998, 273, 14301-14308.	1.6	121
101	Suppressors of T-cell Receptor Signaling Sts-1 and Sts-2 Bind to Cbl and Inhibit Endocytosis of Receptor Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 2004, 279, 32786-32795.	1.6	121
102	Identification of a Novel Proline-Arginine Motif Involved in CIN85-dependent Clustering of Cbl and Down-regulation of Epidermal Growth Factor Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 39735-39746.	1.6	115
103	Spatial organization of transmembrane receptor signalling. <i>EMBO Journal</i> , 2010, 29, 2677-2688.	3.5	115
104	Cdx1 promotes differentiation in a rat intestinal epithelial cell line. <i>Gastroenterology</i> , 1999, 117, 1326-1338.	0.6	113
105	CIN85 Participates in Cbl-b-mediated Down-regulation of Receptor Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 2002, 277, 39666-39672.	1.6	108
106	Alix/AIP1 Antagonizes Epidermal Growth Factor Receptor Downregulation by the Cbl-SETA/CIN85 Complex. <i>Molecular and Cellular Biology</i> , 2004, 24, 8981-8993.	1.1	108
107	Involvement of the ubiquitin-like domain of TBK1/IKK-i kinases in regulation of IFN-inducible genes. <i>EMBO Journal</i> , 2007, 26, 3451-3462.	3.5	108
108	Common Molecular Pathways in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. <i>Trends in Molecular Medicine</i> , 2016, 22, 769-783.	3.5	103

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109	G Protein-Coupled Receptor-Mediated Mitogen-Activated Protein Kinase Activation through Cooperation of G α q and G α i Signals. <i>Molecular and Cellular Biology</i> , 2000, 20, 6837-6848.	1.1	101
110	Functional Roles of Ubiquitin-Like Domain (ULD) and Ubiquitin-Binding Domain (UBD) Containing Proteins. <i>Chemical Reviews</i> , 2009, 109, 1481-1494.	23.0	101
111	Linear Ubiquitination of NEMO Negatively Regulates the Interferon Antiviral Response through Disruption of the MAVS-TRAF3 Complex. <i>Cell Host and Microbe</i> , 2012, 12, 211-222.	5.1	101
112	The phosphatase and tensin homolog regulates epidermal growth factor receptor (EGFR) inhibitor response by targeting EGFR for degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6459-6464.	3.3	99
113	Global Analysis of Host and Bacterial Ubiquitinome in Response to <i>Salmonella Typhimurium</i> Infection. <i>Molecular Cell</i> , 2016, 62, 967-981.	4.5	99
114	Contributions of ubiquitin- and PCNA-binding domains to the activity of Polymerase δ in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2007, 35, 881-889.	6.5	98
115	Inhibition of bacterial ubiquitin ligases by Sid ϵ -calmodulin catalysed glutamylation. <i>Nature</i> , 2019, 572, 382-386.	13.7	98
116	Bacteria-host relationship: ubiquitin ligases as weapons of invasion. <i>Cell Research</i> , 2016, 26, 499-510.	5.7	95
117	A guide to the regulation of selective autophagy receptors. <i>FEBS Journal</i> , 2022, 289, 75-89.	2.2	95
118	Polo-like Kinase 1-mediated Phosphorylation Stabilizes Pin1 by Inhibiting Its Ubiquitination in Human Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 36575-36583.	1.6	94
119	Structural basis for phosphorylation-triggered autophagic clearance of <i>Salmonella</i> . <i>Biochemical Journal</i> , 2013, 454, 459-466.	1.7	92
120	Regulation of Phosphoribosyl-Linked Serine Ubiquitination by Deubiquitinases DupA and DupB. <i>Molecular Cell</i> , 2020, 77, 164-179.e6.	4.5	91
121	PLEKHM1 Regulates <i>Salmonella</i> -Containing Vacuole Biogenesis and Infection. <i>Cell Host and Microbe</i> , 2015, 17, 58-71.	5.1	89
122	Ataxin-2 associates with the endocytosis complex and affects EGF receptor trafficking. <i>Cellular Signalling</i> , 2008, 20, 1725-1739.	1.7	87
123	Determination of Bradykinin B2 Receptor in Vivo Phosphorylation Sites and Their Role in Receptor Function. <i>Journal of Biological Chemistry</i> , 2001, 276, 40431-40440.	1.6	86
124	Characterization of the Interaction of GABARAPL-1 with the LIR Motif of NBR1. <i>Journal of Molecular Biology</i> , 2011, 410, 477-487.	2.0	86
125	Analysis of Nuclear Factor- κ B (NF- κ B) Essential Modulator (NEMO) Binding to Linear and Lysine-linked Ubiquitin Chains and Its Role in the Activation of NF- κ B. <i>Journal of Biological Chemistry</i> , 2012, 287, 23626-23634.	1.6	86
126	Ubiquitin networks in cancer. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 21-28.	1.5	85

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127	Compartmentalization of growth factor receptor signalling. <i>Current Opinion in Cell Biology</i> , 2005, 17, 107-111.	2.6	84
128	Insights into catalysis and function of phosphoribosyl-linked serine ubiquitination. <i>Nature</i> , 2018, 557, 734-738.	13.7	84
129	Cbl signaling networks in the regulation of cell function. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1805-1827.	2.4	83
130	Loss of the selective autophagy receptor p62 impairs murine myeloid leukemia progression and mitophagy. <i>Blood</i> , 2019, 133, 168-179.	0.6	83
131	Recruitment of Pyk2 and Cbl to lipid rafts mediates signals important for actin reorganization in growing neurites. <i>Journal of Cell Science</i> , 2004, 117, 2557-2568.	1.2	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. <i>Journal of Biological Chemistry</i> , 2002, 277, 43623-43630.	1.6	79
133	The TBC/RabGAP Armus Coordinates Rac1 and Rab7 Functions during Autophagy. <i>Developmental Cell</i> , 2013, 25, 15-28.	3.1	79
134	RAB3GAP1 and RAB3GAP2 modulate basal and rapamycin-induced autophagy. <i>Autophagy</i> , 2014, 10, 2297-2309.	4.3	79
135	Ubiquitin ligase complexes: from substrate selectivity to conjugational specificity. <i>Biological Chemistry</i> , 2010, 391, 163-169.	1.2	78
136	Biglycan evokes autophagy in macrophages via a novel CD44/Toll-like receptor 4 signaling axis in ischemia/reperfusion injury. <i>Kidney International</i> , 2019, 95, 540-562.	2.6	78
137	Visualizing ubiquitination in mammalian cells. <i>EMBO Reports</i> , 2019, 20, .	2.0	73
138	ER-phagy and human diseases. <i>Cell Death and Differentiation</i> , 2020, 27, 833-842.	5.0	72
139	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemosensitive Breast Cancer Cells. <i>Neoplasia</i> , 2018, 20, 263-279.	2.3	71
140	Multiplex image-based autophagy RNAi screening identifies SMCR8 as ULK1 kinase activity and gene expression regulator. <i>ELife</i> , 2017, 6, .	2.8	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 Ufm1ylation. <i>Journal of Biological Chemistry</i> , 2016, 291, 9025-9041.	1.6	69
142	Unconventional Ubiquitin Recognition by the Ubiquitin-Binding Motif within the Y Family DNA Polymerases Ψ and Rev1. <i>Molecular Cell</i> , 2010, 37, 408-417.	4.5	68
143	Single-molecule imaging reveals the oligomeric state of functional TNF α -induced plasma membrane TNFR1 clusters in cells. <i>Science Signaling</i> , 2020, 13, .	1.6	67
144	Cbl-ArgBP2 complex mediates ubiquitination and degradation of c-Abl. <i>Biochemical Journal</i> , 2003, 370, 29-34.	1.7	66

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145	Autophagy receptors in developmental clearance of mitochondria. <i>Autophagy</i> , 2011, 7, 301-303.	4.3	64
146	Glucose Activates Mitogen-activated Protein Kinase (Extracellular Signal-regulated Kinase) through Proline-rich Tyrosine Kinase-2 and the Glut1 Glucose Transporter. <i>Journal of Biological Chemistry</i> , 2000, 275, 40817-40826.	1.6	63
147	Glucose Activates Protein Kinase C- α through Proline-rich Tyrosine Kinase-2, Extracellular Signal-regulated Kinase, and Phospholipase D. <i>Journal of Biological Chemistry</i> , 2001, 276, 35537-35545.	1.6	63
148	Src Phosphorylation of Alix/AIP1 Modulates Its Interaction with Binding Partners and Antagonizes Its Activities*. <i>Journal of Biological Chemistry</i> , 2005, 280, 3414-3425.	1.6	63
149	Sprouty2 acts at the Cbl/CIN85 interface to inhibit epidermal growth factor receptor downregulation. <i>EMBO Reports</i> , 2005, 6, 635-641.	2.0	62
150	The Kinase Chemogenomic Set (KCGS): An Open Science Resource for Kinase Vulnerability Identification. <i>International Journal of Molecular Sciences</i> , 2021, 22, 566.	1.8	62
151	Expanding the arsenal of E3 ubiquitin ligases for proximity-induced protein degradation. <i>Cell Chemical Biology</i> , 2021, 28, 1014-1031.	2.5	62
152	Human Wrnip1 Is Localized in Replication Factories in a Ubiquitin-binding Zinc Finger-dependent Manner. <i>Journal of Biological Chemistry</i> , 2008, 283, 35173-35185.	1.6	60
153	Mit/TFE factors control ER autophagy via transcriptional regulation of FAM134B. <i>EMBO Journal</i> , 2020, 39, e105696.	3.5	60
154	Requirements for the Interaction of Mouse Polr1e with Ubiquitin and Its Biological Significance. <i>Journal of Biological Chemistry</i> , 2008, 283, 4658-4664.	1.6	59
155	Simeprevir Potently Suppresses SARS-CoV-2 Replication and Synergizes with Remdesivir. <i>ACS Central Science</i> , 2021, 7, 792-802.	5.3	59
156	TBK1-mediated phosphorylation of LC3C and GABARAP β 2 controls autophagosome shedding by ATG4 protease. <i>EMBO Reports</i> , 2020, 21, e48317.	2.0	58
157	The Csk Homologous Kinase Associates with TrkA Receptors and Is Involved in Neurite Outgrowth of PC12 Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 15059-15065.	1.6	57
158	Cargo- and compartment-selective endocytic scaffold proteins. <i>Biochemical Journal</i> , 2004, 383, 1-11.	1.7	57
159	Cbl promotes clustering of endocytic adaptor proteins. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 972-979.	3.6	56
160	Signal processing by its coil zipper domain activates IKK β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1279-1284.	3.3	55
161	Autophagy Captures the Nobel Prize. <i>Cell</i> , 2016, 167, 1433-1435.	13.5	55
162	IKK β controls ATG16L1 degradation to prevent ER stress during inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 423-437.	4.2	55

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