

# Ivan Dikic

## List of Publications by Citations

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305  
papers

42,545  
citations

98  
h-index

204  
g-index

343  
ext. papers

49,108  
ext. citations

14.3  
avg, IF

7.88  
L-index

#	Paper	IF	Citations
305	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
304	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-546	10.2	2783
303	Mechanism and medical implications of mammalian autophagy. <i>Nature Reviews Molecular Cell Biology</i> , <b>2018</b> , 19, 349-364	48.7	1138
302	A role for ubiquitin in selective autophagy. <i>Molecular Cell</i> , <b>2009</b> , 34, 259-69	17.6	987
301	Phosphorylation of the autophagy receptor optineurin restricts Salmonella growth. <i>Science</i> , <b>2011</b> , 333, 228-33	33.3	937
300	A role for Pyk2 and Src in linking G-protein-coupled receptors with MAP kinase activation. <i>Nature</i> , <b>1996</b> , 383, 547-50	50.4	913
299	Nix is a selective autophagy receptor for mitochondrial clearance. <i>EMBO Reports</i> , <b>2010</b> , 11, 45-51	6.5	870
298	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , <b>2017</b> , 36, 1811-1836	13	857
297	A role for NBR1 in autophagosomal degradation of ubiquitinated substrates. <i>Molecular Cell</i> , <b>2009</b> , 33, 505-16	17.6	821
296	Cargo recognition and trafficking in selective autophagy. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 495-501	23.4	790
295	Multiple monoubiquitination of RTKs is sufficient for their endocytosis and degradation. <i>Nature Cell Biology</i> , <b>2003</b> , 5, 461-6	23.4	660
294	Atypical ubiquitin chains: new molecular signals. <b>Protein Modifications: Beyond the Usual Suspects</b> review series. <i>EMBO Reports</i> , <b>2008</b> , 9, 536-42	6.5	649
293	Ubiquitin-binding domains - from structures to functions. <i>Nature Reviews Molecular Cell Biology</i> , <b>2009</b> , 10, 659-71	48.7	601
292	Ubiquitin-binding domains in Y-family polymerases regulate translesion synthesis. <i>Science</i> , <b>2005</b> , 310, 1821-4	33.3	581
291	Ubiquitylation and cell signaling. <i>EMBO Journal</i> , <b>2005</b> , 24, 3353-9	13	579
290	Specific recognition of linear ubiquitin chains by NEMO is important for NF-kappaB activation. <i>Cell</i> , <b>2009</b> , 136, 1098-109	56.2	556
289	Reading protein modifications with interaction domains. <i>Nature Reviews Molecular Cell Biology</i> , <b>2006</b> , 7, 473-83	48.7	535

288	SHARPIN forms a linear ubiquitin ligase complex regulating NF- $\kappa$ B activity and apoptosis. <i>Nature</i> , <b>2011</b> , 471, 637-41	50.4	526
287	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 631-6	25.5	522
286	Ubiquitination in disease pathogenesis and treatment. <i>Nature Medicine</i> , <b>2014</b> , 20, 1242-53	50.5	520
285	Regulation of endoplasmic reticulum turnover by selective autophagy. <i>Nature</i> , <b>2015</b> , 522, 354-8	50.4	512
284	Ubiquitin-binding proteins: decoders of ubiquitin-mediated cellular functions. <i>Annual Review of Biochemistry</i> , <b>2012</b> , 81, 291-322	29.1	506
283	Proteasomal and Autophagic Degradation Systems. <i>Annual Review of Biochemistry</i> , <b>2017</b> , 86, 193-224	29.1	504
282	Cbl-CIN85-endophilin complex mediates ligand-induced downregulation of EGF receptors. <i>Nature</i> , <b>2002</b> , 416, 183-7	50.4	492
281	Proteasome subunit Rpn13 is a novel ubiquitin receptor. <i>Nature</i> , <b>2008</b> , 453, 481-8	50.4	485
280	Post-translational modifications in signal integration. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 666-72	17.6	482
279	Targeting the ubiquitin system in cancer therapy. <i>Nature</i> , <b>2009</b> , 458, 438-44	50.4	443
278	Ubiquitin-Dependent And Independent Signals In Selective Autophagy. <i>Trends in Cell Biology</i> , <b>2016</b> , 26, 6-16	18.3	441
277	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , <b>2020</b> , 587, 657-662	50.4	418
276	Specification of SUMO1- and SUMO2-interacting motifs. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 16113-27	17.4	417
275	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> , <b>2016</b> , 113, 4039-44	11.5	407
274	Signal transduction due to HIV-1 envelope interactions with chemokine receptors CXCR4 or CCR5. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1793-8	16.6	361
273	Distinct monoubiquitin signals in receptor endocytosis. <i>Trends in Biochemical Sciences</i> , <b>2003</b> , 28, 598-603	10.3	361
272	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. <i>Cell Cycle</i> , <b>2009</b> , 8, 1986-90	4.7	338
271	Ubiquitin and ubiquitin-like proteins in cancer pathogenesis. <i>Nature Reviews Cancer</i> , <b>2006</b> , 6, 776-88	31.3	330

270	Nucleotide-resolution DNA double-strand break mapping by next-generation sequencing. <i>Nature Methods</i> , <b>2013</b> , 10, 361-5	21.6	320
269	The Cbl interactome and its functions. <i>Nature Reviews Molecular Cell Biology</i> , <b>2005</b> , 6, 907-18	48.7	319
268	PLEKHM1 regulates autophagosome-lysosome fusion through HOPS complex and LC3/GABARAP proteins. <i>Molecular Cell</i> , <b>2015</b> , 57, 39-54	17.6	311
267	Negative receptor signalling. <i>Current Opinion in Cell Biology</i> , <b>2003</b> , 15, 128-35	9	296
266	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> , <b>2013</b> , 288, 1099-113	5.4	275
265	Cellular quality control by the ubiquitin-proteasome system and autophagy. <i>Science</i> , <b>2019</b> , 366, 818-822	33.3	261
264	Ubiquitin docking at the proteasome through a novel pleckstrin-homology domain interaction. <i>Nature</i> , <b>2008</b> , 453, 548-52	50.4	254
263	Regulation of ubiquitin-binding proteins by monoubiquitination. <i>Nature Cell Biology</i> , <b>2006</b> , 8, 163-9	23.4	254
262	The spatial and temporal organization of ubiquitin networks. <i>Nature Reviews Molecular Cell Biology</i> , <b>2011</b> , 12, 295-307	48.7	252
261	CIS3/SOCS-3 suppresses erythropoietin (EPO) signaling by binding the EPO receptor and JAK2. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 29338-47	5.4	250
260	Autophagy in antimicrobial immunity. <i>Molecular Cell</i> , <b>2014</b> , 54, 224-33	17.6	241
259	Ubiquitin chain diversity at a glance. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 875-80	5.3	235
258	Ubiquitin-independent function of optineurin in autophagic clearance of protein aggregates. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 580-92	5.3	219
257	The role of ubiquitylation in receptor endocytosis and endosomal sorting. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 265-75	5.3	217
256	PC12 cells overexpressing the insulin receptor undergo insulin-dependent neuronal differentiation. <i>Current Biology</i> , <b>1994</b> , 4, 702-8	6.3	202
255	The LC3 interactome at a glance. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3-9	5.3	195
254	Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy. <i>ELife</i> , <b>2017</b> , 6,	8.9	195
253	Selective autophagy in cancer development and therapy. <i>Cancer Research</i> , <b>2010</b> , 70, 3431-4	10.1	176

252	Novel markers of normal and neoplastic human plasmacytoid dendritic cells. <i>Blood</i> , <b>2008</b> , 111, 3778-92	2.2	173
251	Adaptor proteins Grb2 and Crk couple Pyk2 with activation of specific mitogen-activated protein kinase cascades. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 14893-901	5.4	169
250	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> , <b>1995</b> , 270, 20242-5	5.4	168
249	Pyk2 and FAK regulate neurite outgrowth induced by growth factors and integrins. <i>Nature Cell Biology</i> , <b>2000</b> , 2, 574-81	23.4	167
248	Ubiquitin-binding motifs in REV1 protein are required for its role in the tolerance of DNA damage. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 8892-900	4.8	166
247	Role of ubiquitin- and Ubl-binding proteins in cell signaling. <i>Current Opinion in Cell Biology</i> , <b>2007</b> , 19, 199-205	16.6	165
246	Flt3-dependent transformation by inactivating c-Cbl mutations in AML. <i>Blood</i> , <b>2007</b> , 110, 1004-12	2.2	164
245	Phosphoribosylation of Ubiquitin Promotes Serine Ubiquitination and Impairs Conventional Ubiquitination. <i>Cell</i> , <b>2016</b> , 167, 1636-1649.e13	56.2	157
244	Tyrosine phosphorylation of Pyk2 is selectively regulated by Fyn during TCR signaling. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 1253-9	16.6	153
243	A20 inhibits LUBAC-mediated NF- $\kappa$ B activation by binding linear polyubiquitin chains via its zinc finger 7. <i>EMBO Journal</i> , <b>2012</b> , 31, 3845-55	13	152
242	CIN85/CMS family of adaptor molecules. <i>FEBS Letters</i> , <b>2002</b> , 529, 110-5	3.8	149
241	Mechanisms controlling EGF receptor endocytosis and degradation. <i>Biochemical Society Transactions</i> , <b>2003</b> , 31, 1178-81	5.1	145
240	Ubiquitin signaling and autophagy. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 5404-5413	5.4	142
239	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> , <b>2012</b> , 32, 1733-44	4.8	139
238	NBR1 cooperates with p62 in selective autophagy of ubiquitinated targets. <i>Autophagy</i> , <b>2009</b> , 5, 732-3	10.2	138
237	Autophagic targeting of Src promotes cancer cell survival following reduced FAK signalling. <i>Nature Cell Biology</i> , <b>2011</b> , 14, 51-60	23.4	137
236	What determines the specificity and outcomes of ubiquitin signaling?. <i>Cell</i> , <b>2010</b> , 143, 677-81	56.2	132
235	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> , <b>2002</b> , 99, 12191-6	11.5	132

234	Mutations in SPRTN cause early onset hepatocellular carcinoma, genomic instability and progeroid features. <i>Nature Genetics</i> , <b>2014</b> , 46, 1239-44	36.3	130
233	Regulation of translesion synthesis DNA polymerase eta by monoubiquitination. <i>Molecular Cell</i> , <b>2010</b> , 37, 396-407	17.6	129
232	Phosphorylation of the mitochondrial autophagy receptor Nix enhances its interaction with LC3 proteins. <i>Scientific Reports</i> , <b>2017</b> , 7, 1131	4.9	127
231	Expanding the ubiquitin code through post-translational modification. <i>EMBO Reports</i> , <b>2015</b> , 16, 1071-83	6.5	127
230	Structural basis for ligase-specific conjugation of linear ubiquitin chains by HOIP. <i>Nature</i> , <b>2013</b> , 503, 422-426	4.4	127
229	Mitophagy in yeast is independent of mitochondrial fission and requires the stress response gene WHI2. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 1339-50	5.3	126
228	Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. <i>Molecular Cell</i> , <b>2017</b> , 66, 517-532.e9	17.6	123
227	Regulation of epidermal growth factor receptor trafficking by lysine deacetylase HDAC6. <i>Science Signaling</i> , <b>2009</b> , 2, ra84	8.8	123
226	Binding of OTULIN to the PUB domain of HOIP controls NF- $\kappa$ B signaling. <i>Molecular Cell</i> , <b>2014</b> , 54, 349-61	17.6	121
225	Fluorescence-based sensors to monitor localization and functions of linear and K63-linked ubiquitin chains in cells. <i>Molecular Cell</i> , <b>2012</b> , 47, 797-809	17.6	121
224	The Three Musketeers of Autophagy: phosphorylation, ubiquitylation and acetylation. <i>Trends in Cell Biology</i> , <b>2011</b> , 21, 195-201	18.3	121
223	Inflammatory cardiac valvulitis in TAX1BP1-deficient mice through selective NF-kappaB activation. <i>EMBO Journal</i> , <b>2008</b> , 27, 629-41	13	121
222	Generation and physiological roles of linear ubiquitin chains. <i>BMC Biology</i> , <b>2012</b> , 10, 23	7.3	119
221	E3-independent monoubiquitination of ubiquitin-binding proteins. <i>Molecular Cell</i> , <b>2007</b> , 26, 891-8	17.6	119
220	Sharpin prevents skin inflammation by inhibiting TNFR1-induced keratinocyte apoptosis. <i>ELife</i> , <b>2014</b> , 3,	8.9	119
219	Ubiquitin-dependent sorting in endocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2014</b> , 6,	10.2	117
218	Identification of a new Pyk2 isoform implicated in chemokine and antigen receptor signaling. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 14301-8	5.4	116
217	TBC1D5 and the AP2 complex regulate ATG9 trafficking and initiation of autophagy. <i>EMBO Reports</i> , <b>2014</b> , 15, 392-401	6.5	114

216	Epidermal growth factor-like domain 7 (EGFL7) modulates Notch signalling and affects neural stem cell renewal. <i>Nature Cell Biology</i> , <b>2009</b> , 11, 873-80	23.4	112
215	Alix/AIP1 antagonizes epidermal growth factor receptor downregulation by the Cbl-SETA/CIN85 complex. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 8981-93	4.8	107
214	CIN85 associates with multiple effectors controlling intracellular trafficking of epidermal growth factor receptors. <i>Molecular Biology of the Cell</i> , <b>2004</b> , 15, 3155-66	3.5	107
213	Cdx1 promotes differentiation in a rat intestinal epithelial cell line. <i>Gastroenterology</i> , <b>1999</b> , 117, 1326-38	13.3	106
212	Shc binding to nerve growth factor receptor is mediated by the phosphotyrosine interaction domain. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 15125-9	5.4	106
211	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> , <b>2003</b> , 278, 39735-46	5.4	103
210	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF- $\kappa$ B and restricts bacterial proliferation. <i>Nature Microbiology</i> , <b>2017</b> , 2, 17066	26.6	101
209	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> , <b>2004</b> , 279, 32786-95	5.4	101
208	ER-phagy at a glance. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	5.3	99
207	CIN85 participates in Cbl-b-mediated down-regulation of receptor tyrosine kinases. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 39666-72	5.4	97
206	A selective ER-phagy exerts procollagen quality control via a Calnexin-FAM134B complex. <i>EMBO Journal</i> , <b>2019</b> , 38,	13	97
205	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , <b>2017</b> , 27, 657-674	24.7	96
204	Spatial organization of transmembrane receptor signalling. <i>EMBO Journal</i> , <b>2010</b> , 29, 2677-88	13	96
203	Structural and functional analysis of the GABARAP interaction motif (GIM). <i>EMBO Reports</i> , <b>2017</b> , 18, 1387-95	13.9	95
202	G protein-coupled receptor-mediated mitogen-activated protein kinase activation through cooperation of Galpha(q) and Galpha(i) signals. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 6837-48	4.8	93
201	Functional roles of ubiquitin-like domain (ULD) and ubiquitin-binding domain (UBD) containing proteins. <i>Chemical Reviews</i> , <b>2009</b> , 109, 1481-94	68.1	92
200	Involvement of the ubiquitin-like domain of TBK1/IKK-i kinases in regulation of IFN-inducible genes. <i>EMBO Journal</i> , <b>2007</b> , 26, 3451-62	13	88
199	Contributions of ubiquitin- and PCNA-binding domains to the activity of Polymerase eta in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , <b>2007</b> , 35, 881-9	20.1	88



198	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> , <b>2010</b> , 107, 6459-64	11.5	87
197	Linear ubiquitination of NEMO negatively regulates the interferon antiviral response through disruption of the MAVS-TRAF3 complex. <i>Cell Host and Microbe</i> , <b>2012</b> , 12, 211-22	23.4	86
196	SPRTN is a mammalian DNA-binding metalloprotease that resolves DNA-protein crosslinks. <i>ELife</i> , <b>2016</b> , 5,	8.9	84
195	Curvature induction and membrane remodeling by FAM134B reticulon homology domain assist selective ER-phagy. <i>Nature Communications</i> , <b>2019</b> , 10, 2370	17.4	81
194	Common Molecular Pathways in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. <i>Trends in Molecular Medicine</i> , <b>2016</b> , 22, 769-783	11.5	80
193	Compartmentalization of growth factor receptor signalling. <i>Current Opinion in Cell Biology</i> , <b>2005</b> , 17, 107-11	9	79
192	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
191	Ataxin-2 associates with the endocytosis complex and affects EGF receptor trafficking. <i>Cellular Signalling</i> , <b>2008</b> , 20, 1725-39	4.9	78
190	Polo-like kinase 1-mediated phosphorylation stabilizes Pin1 by inhibiting its ubiquitination in human cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 36575-83	5.4	78
189	Cbl signaling networks in the regulation of cell function. <i>Cellular and Molecular Life Sciences</i> , <b>2003</b> , 60, 1805-27	10.3	76
188	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> , <b>2002</b> , 277, 43623-30	5.4	74
187	Analysis of nuclear factor- $\kappa$ B (NF- $\kappa$ B) essential modulator (NEMO) binding to linear and lysine-linked ubiquitin chains and its role in the activation of NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 23626-34	5.4	73
186	Bacteria-host relationship: ubiquitin ligases as weapons of invasion. <i>Cell Research</i> , <b>2016</b> , 26, 499-510	24.7	72
185	Ubiquitin ligase complexes: from substrate selectivity to conjugational specificity. <i>Biological Chemistry</i> , <b>2010</b> , 391, 163-169	4.5	72
184	Recruitment of Pyk2 and Cbl to lipid rafts mediates signals important for actin reorganization in growing neurites. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 2557-68	5.3	72
183	Determination of bradykinin B2 receptor in vivo phosphorylation sites and their role in receptor function. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 40431-40	5.4	72
182	Structural basis for phosphorylation-triggered autophagic clearance of Salmonella. <i>Biochemical Journal</i> , <b>2013</b> , 454, 459-66	3.8	71
181	Characterization of the interaction of GABARAPL-1 with the LIR motif of NBR1. <i>Journal of Molecular Biology</i> , <b>2011</b> , 410, 477-87	6.5	68



180	Global Analysis of Host and Bacterial Ubiquitinome in Response to Salmonella Typhimurium Infection. <i>Molecular Cell</i> , <b>2016</b> , 62, 967-981	17.6	67
179	The TBC/RabGAP Armus coordinates Rac1 and Rab7 functions during autophagy. <i>Developmental Cell</i> , <b>2013</b> , 25, 15-28	10.2	65
178	Ubiquitin networks in cancer. <i>Current Opinion in Genetics and Development</i> , <b>2011</b> , 21, 21-8	4.9	65
177	PLEKHM1 regulates Salmonella-containing vacuole biogenesis and infection. <i>Cell Host and Microbe</i> , <b>2015</b> , 17, 58-71	23.4	60
176	Unconventional ubiquitin recognition by the ubiquitin-binding motif within the Y family DNA polymerases iota and Rev1. <i>Molecular Cell</i> , <b>2010</b> , 37, 408-17	17.6	60
175	RAB3GAP1 and RAB3GAP2 modulate basal and rapamycin-induced autophagy. <i>Autophagy</i> , <b>2014</b> , 10, 2297-309	10.2	59
174	Autophagy receptors in developmental clearance of mitochondria. <i>Autophagy</i> , <b>2011</b> , 7, 301-3	10.2	59
173	Sprouty2 acts at the Cbl/CIN85 interface to inhibit epidermal growth factor receptor downregulation. <i>EMBO Reports</i> , <b>2005</b> , 6, 635-41	6.5	59
172	Inhibition of bacterial ubiquitin ligases by SidJ-calmodulin catalysed glutamylation. <i>Nature</i> , <b>2019</b> , 572, 382-386	50.4	58
171	Glucose activates protein kinase C-zeta /lambda through proline-rich tyrosine kinase-2, extracellular signal-regulated kinase, and phospholipase D: a novel mechanism for activating glucose transporter translocation. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 35537-45	5.4	58
170	Cbl-ArgBP2 complex mediates ubiquitination and degradation of c-Abl. <i>Biochemical Journal</i> , <b>2003</b> , 370, 29-34	3.8	57
169	Src phosphorylation of Alix/AIP1 modulates its interaction with binding partners and antagonizes its activities. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 3414-25	5.4	57
168	Multiplex image-based autophagy RNAi screening identifies SMCR8 as ULK1 kinase activity and gene expression regulator. <i>ELife</i> , <b>2017</b> , 6,	8.9	56
167	Human Wrnip1 is localized in replication factories in a ubiquitin-binding zinc finger-dependent manner. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 35173-85	5.4	54
166	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> , <b>2000</b> , 275, 40817-26	5.4	54
165	Signal processing by its coil zipper domain activates IKK gamma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 1279-84	11.5	53
164	Requirements for the interaction of mouse Polkappa with ubiquitin and its biological significance. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 4658-64	5.4	53
163	Cargo- and compartment-selective endocytic scaffold proteins. <i>Biochemical Journal</i> , <b>2004</b> , 383, 1-11	3.8	53

162	Cbl promotes clustering of endocytic adaptor proteins. <i>Nature Structural and Molecular Biology</i> , <b>2005</b> , 12, 972-9	17.6	53
161	Biglycan evokes autophagy in macrophages via a novel CD44/Toll-like receptor 4 signaling axis in ischemia/reperfusion injury. <i>Kidney International</i> , <b>2019</b> , 95, 540-562	9.9	52
160	Loss of the selective autophagy receptor p62 impairs murine myeloid leukemia progression and mitophagy. <i>Blood</i> , <b>2019</b> , 133, 168-179	2.2	52
159	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemoresistant Breast Cancer Cells. <i>Neoplasia</i> , <b>2018</b> , 20, 263-279	6.4	51
158	Mitochondria get a Parkin ticket. <i>Nature Cell Biology</i> , <b>2010</b> , 12, 104-6	23.4	51
157	Insights into catalysis and function of phosphoribosyl-linked serine ubiquitination. <i>Nature</i> , <b>2018</b> , 557, 734-738	50.4	48
156	The Csk homologous kinase associates with TrkA receptors and is involved in neurite outgrowth of PC12 cells. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 15059-65	5.4	45
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