

Ivan Dikic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	pVHL-mediated SMAD3 degradation suppresses TGF- β signaling. <i>Journal of Cell Biology</i> , 2022 , 221,	7.3	3
304	ER remodeling via ER-phagy.. <i>Molecular Cell</i> , 2022 , 82, 1492-1500	17.6	3
303	OTULIN inhibits RIPK1-mediated keratinocyte necroptosis to prevent skin inflammation in mice. <i>Nature Communications</i> , 2021 , 12, 5912	17.4	6
302	Inhibition of USP28 overcomes Cisplatin-resistance of squamous tumors by suppression of the Fanconi anemia pathway. <i>Cell Death and Differentiation</i> , 2021 ,	12.7	1
301	Simeprevir Potently Suppresses SARS-CoV-2 Replication and Synergizes with Remdesivir. <i>ACS Central Science</i> , 2021 , 7, 792-802	16.8	24
300	A guide to the regulation of selective autophagy receptors. <i>FEBS Journal</i> , 2021 ,	5.7	32
299	SIK2 orchestrates actin-dependent host response upon infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
298	Minimized combinatorial CRISPR screens identify genetic interactions in autophagy. <i>Nucleic Acids Research</i> , 2021 , 49, 5684-5704	20.1	3
297	BAG3 is a negative regulator of ciliogenesis in glioblastoma and triple-negative breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2021 ,	4.7	1
296	Multiplexed proteomics of autophagy-deficient murine macrophages reveals enhanced antimicrobial immunity via the oxidative stress response. <i>ELife</i> , 2021 , 10,	8.9	5
295	Autophagy: Instructions from the extracellular matrix. <i>Matrix Biology</i> , 2021 , 100-101, 1-8	11.4	7
294	Expanding the arsenal of E3 ubiquitin ligases for proximity-induced protein degradation. <i>Cell Chemical Biology</i> , 2021 , 28, 1014-1031	8.2	8
293	Calcitriol Promotes Differentiation of Glioma Stem-Like Cells and Increases Their Susceptibility to Temozolomide. <i>Cancers</i> , 2021 , 13,	6.6	1
292	Development of ADPribosyl Ubiquitin Analogues to Study Enzymes Involved in Legionella Infection. <i>Chemistry - A European Journal</i> , 2021 , 27, 2506-2512	4.8	3
291	Outer membrane vesicles containing OmpA induce mitochondrial fragmentation to promote pathogenesis of <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2021 , 11, 618	4.9	15
290	The Kinase Chemogenomic Set (KCGS): An Open Science Resource for Kinase Vulnerability Identification. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	18
289	FAM134B-RHD Protein Clustering Drives Spontaneous Budding of Asymmetric Membranes. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 1926-1931	6.4	5

288	The endolysosomal adaptor PLEKHM1 is a direct target for both mTOR and MAPK pathways. <i>FEBS Letters</i> , 2021 , 595, 864-880	3.8	0
287	RUFY4 exists as two translationally regulated isoforms, that localize to the mitochondrion in activated macrophages. <i>Royal Society Open Science</i> , 2021 , 8, 202333	3.3	0
286	Serine-ubiquitination regulates Golgi morphology and the secretory pathway upon Legionella infection. <i>Cell Death and Differentiation</i> , 2021 , 28, 2957-2969	12.7	3
285	Biochemical characterization of protease activity of Nsp3 from SARS-CoV-2 and its inhibition by nanobodies. <i>PLoS ONE</i> , 2021 , 16, e0253364	3.7	11
284	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
283	Famotidine inhibits toll-like receptor 3-mediated inflammatory signaling in SARS-CoV-2 infection. <i>Journal of Biological Chemistry</i> , 2021 , 297, 100925	5.4	14
282	Gasdermin B in the host-pathogen tug-of-war. <i>Cell Research</i> , 2021 , 31, 1043-1044	24.7	
281	TBK1-mediated phosphorylation of LC3C and GABARAP-L2 controls autophagosome shedding by ATG4 protease. <i>EMBO Reports</i> , 2020 , 21, e48317	6.5	33
280	Synthesis of Stable NAD Mimics as Inhibitors for the Legionella pneumophila Phosphoribosyl Ubiquitylating Enzyme SdeC. <i>ChemBioChem</i> , 2020 , 21, 2903-2907	3.8	3
279	Wss1 Promotes Replication Stress Tolerance by Degrading Histones. <i>Cell Reports</i> , 2020 , 30, 3117-3126.e40.6	4.6	8
278	Single-molecule imaging reveals the oligomeric state of functional TNF-induced plasma membrane TNFR1 clusters in cells. <i>Science Signaling</i> , 2020 , 13,	8.8	31
277	Disrupting the LC3 Interaction Region (LIR) Binding of Selective Autophagy Receptors Sensitizes AML Cell Lines to Cytarabine. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 208	5.7	5
276	Bacterial OTU deubiquitinases regulate substrate ubiquitination upon Legionella infection. <i>ELife</i> , 2020 , 9,	8.9	4
275	Regulation of Phosphoribosyl-Linked Serine Ubiquitination by Deubiquitinases DupA and DupB. <i>Molecular Cell</i> , 2020 , 77, 164-179.e6	17.6	43
274	ER-phagy and human diseases. <i>Cell Death and Differentiation</i> , 2020 , 27, 833-842	12.7	38
273	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , 2020 , 587, 657-662.50.4	50.4	418
272	Discovery of Protein-Protein Interaction Inhibitors by Integrating Protein Engineering and Chemical Screening Platforms. <i>Cell Chemical Biology</i> , 2020 , 27, 1441-1451.e7	8.2	7
271	MiT/TFE factors control ER-phagy via transcriptional regulation of FAM134B. <i>EMBO Journal</i> , 2020 , 39, e105696	13	23

270	An atypical LIR motif within UBA5 (ubiquitin like modifier activating enzyme 5) interacts with GABARAP proteins and mediates membrane localization of UBA5. <i>Autophagy</i> , 2020 , 16, 256-270	10.2	16
269	The next decade of metabolism. <i>Nature Metabolism</i> , 2019 , 1, 2-4	14.6	3
268	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	9.9	52
267	Visualizing ubiquitination in mammalian cells. <i>EMBO Reports</i> , 2019 , 20,	6.5	22
266	Curvature induction and membrane remodeling by FAM134B reticulon homology domain assist selective ER-phagy. <i>Nature Communications</i> , 2019 , 10, 2370	17.4	81
265	NIPSNAP Beacons in Mitophagy. <i>Developmental Cell</i> , 2019 , 49, 503-505	10.2	2
264	RNA binding to p62 impacts selective autophagy. <i>Cell Research</i> , 2019 , 29, 512-513	24.7	0
263	Autophagy without conjugation. <i>Nature Structural and Molecular Biology</i> , 2019 , 26, 249-250	17.6	0
262	Arsenic Trioxide and (-)-Gossypol Synergistically Target Glioma Stem-Like Cells via Inhibition of Hedgehog and Notch Signaling. <i>Cancers</i> , 2019 , 11,	6.6	13
261	Inhibition of bacterial ubiquitin ligases by SidJ-calmodulin catalysed glutamylation. <i>Nature</i> , 2019 , 572, 382-386	50.4	58
260	CYRI/FAM49B negatively regulates RAC1-driven cytoskeletal remodelling and protects against bacterial infection. <i>Nature Microbiology</i> , 2019 , 4, 1516-1531	26.6	18
259	Molecular Recognition of M1-Linked Ubiquitin Chains by Native and Phosphorylated UBAN Domains. <i>Journal of Molecular Biology</i> , 2019 , 431, 3146-3156	6.5	9
258	Cellular quality control by the ubiquitin-proteasome system and autophagy. <i>Science</i> , 2019 , 366, 818-822	33.3	261
257	Circular synthesized CRISPR/Cas gRNAs for functional interrogations in the coding and noncoding genome. <i>ELife</i> , 2019 , 8,	8.9	15
256	Endoplasmic reticulum turnover via selective autophagy. <i>FASEB Journal</i> , 2019 , 33, 90.1	0.9	
255	A selective ER-phagy exerts procollagen quality control via a Calnexin-FAM134B complex. <i>EMBO Journal</i> , 2019 , 38,	13	97
254	Quantitative Phosphoproteomics of Selective Autophagy Receptors. <i>Methods in Molecular Biology</i> , 2019 , 1880, 691-701	1.4	3
253	Loss of the selective autophagy receptor p62 impairs murine myeloid leukemia progression and mitophagy. <i>Blood</i> , 2019 , 133, 168-179	2.2	52

252	Flow Cytometer Monitoring of Bnip3- and Bnip3L/Nix-Dependent Mitophagy. <i>Methods in Molecular Biology</i> , 2018 , 1759, 105-110	1.4	6
251	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. <i>Angewandte Chemie</i> , 2018 , 130, 1675-1678	3.6	3
250	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemoresistant Breast Cancer Cells. <i>Neoplasia</i> , 2018 , 20, 263-279	6.4	51
249	Mechanism and medical implications of mammalian autophagy. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 349-364	48.7	1138
248	Hitchhiking on selective autophagy. <i>Nature Cell Biology</i> , 2018 , 20, 122-124	23.4	9
247	Chain Assembly and Disassembly Processes Differently Affect the Conformational Space of Ubiquitin Chains. <i>Structure</i> , 2018 , 26, 249-258.e4	5.2	11
246	Heterotypic Ubiquitin Chains: Seeing is Believing. <i>Trends in Cell Biology</i> , 2018 , 28, 1-3	18.3	10
245	Ubiquitin signaling and autophagy. <i>Journal of Biological Chemistry</i> , 2018 , 293, 5404-5413	5.4	142
244	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1659-1662	16.4	18
243	Regulation of Salmonella-host cell interactions via the ubiquitin system. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 176-184	3.7	16
242	Dimerization quality control via ubiquitylation. <i>Science</i> , 2018 , 362, 151-152	33.3	2
241	Open questions: why should we care about ER-phagy and ER remodelling?. <i>BMC Biology</i> , 2018 , 16, 131	7.3	28
240	ER-phagy at a glance. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	99
239	Insights into catalysis and function of phosphoribosyl-linked serine ubiquitination. <i>Nature</i> , 2018 , 557, 734-738	50.4	48
238	IKK α controls ATG16L1 degradation to prevent ER stress during inflammation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 423-437	16.6	42
237	Structural basis for the recognition and degradation of host TRIM proteins by Salmonella effector SopA. <i>Nature Communications</i> , 2017 , 8, 14004	17.4	32
236	Phosphorylation of the mitochondrial autophagy receptor Nix enhances its interaction with LC3 proteins. <i>Scientific Reports</i> , 2017 , 7, 1131	4.9	127
235	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF- κ B and restricts bacterial proliferation. <i>Nature Microbiology</i> , 2017 , 2, 17066	26.6	101

234	Proteasomal and Autophagic Degradation Systems. <i>Annual Review of Biochemistry</i> , 2017 , 86, 193-224	29.1	504
233	Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. <i>Molecular Cell</i> , 2017 , 66, 517-532.e9	17.6	123
232	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
231	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , 2017 , 27, 657-674	24.7	96
230	Fluorescence-based ATG8 sensors monitor localization and function of LC3/GABARAP proteins. <i>EMBO Journal</i> , 2017 , 36, 549-564	13	36
229	Removing the waste bags: how p97 drives autophagy of lysosomes. <i>EMBO Journal</i> , 2017 , 36, 129-131	13	8
228	Manatee invariants reveal functional pathways in signaling networks. <i>BMC Systems Biology</i> , 2017 , 11, 72	3.5	5
227	Maternal prolactin during late pregnancy is important in generating nurturing behavior in the offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13042-13047	11.5	15
226	Structural and functional analysis of the GABARAP interaction motif (GIM). <i>EMBO Reports</i> , 2017 , 18, 1387-1396	9.5	95
225	Multiplex image-based autophagy RNAi screening identifies SMCR8 as ULK1 kinase activity and gene expression regulator. <i>ELife</i> , 2017 , 6,	8.9	56
224	Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy. <i>ELife</i> , 2017 , 6,	8.9	195
223	Author response: Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy 2017 ,		2
222	CIN85 Deficiency Prevents Nephrin Endocytosis and Proteinuria in Diabetes. <i>Diabetes</i> , 2016 , 65, 3667-3679	3.9	30
221	How the proteasome is degraded. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13266-13268	11.5	7
220	Autophagy and modular restructuring of metabolism control germline tumor differentiation and proliferation in <i>C. elegans</i> . <i>Autophagy</i> , 2016 , 12, 529-46	10.2	20
219	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
218	An Essential Role for SHARPIN in the Regulation of Caspase 1 Activity in Sepsis. <i>American Journal of Pathology</i> , 2016 , 186, 1206-20	5.8	23
217	Bacteria-host relationship: ubiquitin ligases as weapons of invasion. <i>Cell Research</i> , 2016 , 26, 499-510	24.7	72

216	Ubiquitin chain diversity at a glance. <i>Journal of Cell Science</i> , 2016 , 129, 875-80	5.3	235
215	SnapShot: Expanding the Ubiquitin Code. <i>Cell</i> , 2016 , 164, 1074-1074.e1	56.2	31
214	Ubiquitin-Dependent And Independent Signals In Selective Autophagy. <i>Trends in Cell Biology</i> , 2016 , 26, 6-16	18.3	441
213	Diagnostic and clinical relevance of the autophago-lysosomal network in human gliomas. <i>Oncotarget</i> , 2016 , 7, 20016-32	3.3	25
212	SPRTN is a mammalian DNA-binding metalloprotease that resolves DNA-protein crosslinks. <i>ELife</i> , 2016 , 5,	8.9	84
211	In Silico Knockout Studies of Xenophagic Capturing of Salmonella. <i>PLoS Computational Biology</i> , 2016 , 12, e1005200	5	14
210	Phosphoribosylation of Ubiquitin Promotes Serine Ubiquitination and Impairs Conventional Ubiquitination. <i>Cell</i> , 2016 , 167, 1636-1649.e13	56.2	157
209	Autophagy Captures the Nobel Prize. <i>Cell</i> , 2016 , 167, 1433-1435	56.2	40
208	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, 4039-44	11.5	407
207	Global Analysis of Host and Bacterial Ubiquitinome in Response to Salmonella Typhimurium Infection. <i>Molecular Cell</i> , 2016 , 62, 967-981	17.6	67
206	Cell biology: Ubiquitination without E1 and E2 enzymes. <i>Nature</i> , 2016 , 533, 43-4	50.4	17
205	Structural and Functional Analysis of a Novel Interaction Motif within UFM1-activating Enzyme 5 (UBA5) Required for Binding to Ubiquitin-like Proteins and Ufmylation. <i>Journal of Biological Chemistry</i> , 2016 , 291, 9025-41	5.4	42
204	Common Molecular Pathways in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. <i>Trends in Molecular Medicine</i> , 2016 , 22, 769-783	11.5	80
203	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. <i>Nature Neuroscience</i> , 2015 , 18, 631-6	25.5	522
202	Binding of SGTA to Rpn13 selectively modulates protein quality control. <i>Journal of Cell Science</i> , 2015 , 128, 3187-96	5.3	20
201	The integration of autophagy and cellular trafficking pathways via RAB GAPs. <i>Autophagy</i> , 2015 , 11, 2393-2402	17.2	32
200	PLEKHM1 regulates autophagosome-lysosome fusion through HOPS complex and LC3/GABARAP proteins. <i>Molecular Cell</i> , 2015 , 57, 39-54	17.6	311
199	PLEKHM1 regulates Salmonella-containing vacuole biogenesis and infection. <i>Cell Host and Microbe</i> , 2015 , 17, 58-71	23.4	60

198	Expanding the ubiquitin code through post-translational modification. <i>EMBO Reports</i> , 2015 , 16, 1071-83	6.5	127
197	Regulation of endoplasmic reticulum turnover by selective autophagy. <i>Nature</i> , 2015 , 522, 354-8	50.4	512
196	PLEKHM1: Adapting to life at the lysosome. <i>Autophagy</i> , 2015 , 11, 720-2	10.2	19
195	Autophagy in antimicrobial immunity. <i>Molecular Cell</i> , 2014 , 54, 224-33	17.6	241
194	Deciphering functions of branched ubiquitin chains. <i>Cell</i> , 2014 , 157, 767-9	56.2	13
193	Ubiquitin-dependent sorting in endocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 6,	10.2	117
192	Cargo recognition and trafficking in selective autophagy. <i>Nature Cell Biology</i> , 2014 , 16, 495-501	23.4	790
191	The LC3 interactome at a glance. <i>Journal of Cell Science</i> , 2014 , 127, 3-9	5.3	195
190	Ubiquitination in disease pathogenesis and treatment. <i>Nature Medicine</i> , 2014 , 20, 1242-53	50.5	520
189	PINK1-PARKIN interplay: down to ubiquitin phosphorylation. <i>Molecular Cell</i> , 2014 , 56, 341-342	17.6	13
188	A peek into the atomic details of thalidomide's clinical effects. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 739-40	17.6	2
187	Germline polymorphisms in RNF31 regulate linear ubiquitination and oncogenic signaling. <i>Cancer Discovery</i> , 2014 , 4, 394-6	24.4	6
186	DUBs counteract parkin for efficient mitophagy. <i>EMBO Journal</i> , 2014 , 33, 2442-3	13	10
185	Mutations in SPRTN cause early onset hepatocellular carcinoma, genomic instability and progeroid features. <i>Nature Genetics</i> , 2014 , 46, 1239-44	36.3	130
184	Binding of OTULIN to the PUB domain of HOIP controls NF- κ B signaling. <i>Molecular Cell</i> , 2014 , 54, 349-61	17.6	121
183	RAB3GAP1 and RAB3GAP2 modulate basal and rapamycin-induced autophagy. <i>Autophagy</i> , 2014 , 10, 2297-309	10.2	59
182	Cullins keep autophagy under control. <i>Developmental Cell</i> , 2014 , 31, 675-6	10.2	9
181	TBC1D5 and the AP2 complex regulate ATG9 trafficking and initiation of autophagy. <i>EMBO Reports</i> , 2014 , 15, 392-401	6.5	114

180	Crystal structure of a PCP/Sfp complex reveals the structural basis for carrier protein posttranslational modification. <i>Chemistry and Biology</i> , 2014 , 21, 552-562		30
179	Sharpin prevents skin inflammation by inhibiting TNFR1-induced keratinocyte apoptosis. <i>ELife</i> , 2014 , 3,	8.9	119
178	Cullins getting undressed by the protein exchange factor Cand1. <i>Cell</i> , 2013 , 153, 14-6	56.2	5
177	Breaking the limits of artificial ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17606-7	11.5	1
176	The TBC/RabGAP Armus coordinates Rac1 and Rab7 functions during autophagy. <i>Developmental Cell</i> , 2013 , 25, 15-28	10.2	65
175	Nucleotide-resolution DNA double-strand break mapping by next-generation sequencing. <i>Nature Methods</i> , 2013 , 10, 361-5	21.6	320
174	Ubiquitin-independent function of optineurin in autophagic clearance of protein aggregates. <i>Journal of Cell Science</i> , 2013 , 126, 580-92	5.3	219
173	Selective monitoring of ubiquitin signals with genetically encoded ubiquitin chain-specific sensors. <i>Nature Protocols</i> , 2013 , 8, 1449-58	18.8	8
172	Structural basis for phosphorylation-triggered autophagic clearance of Salmonella. <i>Biochemical Journal</i> , 2013 , 454, 459-66	3.8	71
171	Parkin promotes cell survival via linear ubiquitination. <i>EMBO Journal</i> , 2013 , 32, 1072-4	13	4
170	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, 1099-113	5.4	275
169	Structural basis for ligase-specific conjugation of linear ubiquitin chains by HOIP. <i>Nature</i> , 2013 , 503, 422-426	32.6	127
168	Efficient Enhancement of Signalling Capacity: The Ubiquitin System 2013 , 177-190		2
167	Ivan Dikic was trained as a medical doctor at the University of Zagreb, Croatia. <i>Current Biology</i> , 2012 , 22, R76-7	6.3	
166	Generation and physiological roles of linear ubiquitin chains. <i>BMC Biology</i> , 2012 , 10, 23	7.3	119
165	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, 211-22	23.4	86
164	Ubiquitin-binding proteins: decoders of ubiquitin-mediated cellular functions. <i>Annual Review of Biochemistry</i> , 2012 , 81, 291-322	29.1	506
163	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, 1733-44	4.8	139

162	Fighting mycobacteria through ISGylation. <i>EMBO Reports</i> , 2012 , 13, 872-3	6.5	4
161	Selectivity of the ubiquitin-binding modules. <i>FEBS Letters</i> , 2012 , 586, 2705-10	3.8	33
160	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	4.2	2783
159	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	17.6	121
158	Structure of a compact conformation of linear diubiquitin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012 , 68, 102-8		26
157	Ubiquitylation in immune disorders and cancer: from molecular mechanisms to therapeutic implications. <i>EMBO Molecular Medicine</i> , 2012 , 4, 545-56	12	32
156	A universal expression tag for structural and functional studies of proteins. <i>ChemBioChem</i> , 2012 , 13, 959-63	3.8	29
155	A20 inhibits LUBAC-mediated NF- κ B activation by binding linear polyubiquitin chains via its zinc finger 7. <i>EMBO Journal</i> , 2012 , 31, 3845-55	13	152
154	The role of ubiquitylation in receptor endocytosis and endosomal sorting. <i>Journal of Cell Science</i> , 2012 , 125, 265-75	5.3	217
153	Structural analysis of SHARPIN, a subunit of a large multi-protein E3 ubiquitin ligase, reveals a novel dimerization function for the pleckstrin homology superfold. <i>Journal of Biological Chemistry</i> , 2012 , 287, 20823-9	5.4	24
152	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, 23626-34	5.4	73
151	The molecular basis of selective autophagy. <i>Biochemist</i> , 2012 , 34, 24-30	0.5	2
150	Role of UbL family modifiers and their binding proteins in cell signaling. <i>Methods in Molecular Biology</i> , 2012 , 832, 163-71	1.4	
149	Autophagic targeting of Src promotes cancer cell survival following reduced FAK signalling. <i>Nature Cell Biology</i> , 2011 , 14, 51-60	23.4	137
148	Healthy ageing through regulated proteostasis. <i>EMBO Journal</i> , 2011 , 30, 2983-5	13	6
147	Phosphorylation of the autophagy receptor optineurin restricts Salmonella growth. <i>Science</i> , 2011 , 333, 228-33	33.3	937
146	Ubiquitin networks in cancer. <i>Current Opinion in Genetics and Development</i> , 2011 , 21, 21-8	4.9	65
145	Characterization of the interaction of GABARAPL-1 with the LIR motif of NBR1. <i>Journal of Molecular Biology</i> , 2011 , 410, 477-87	6.5	68

144	The spatial and temporal organization of ubiquitin networks. <i>Nature Reviews Molecular Cell Biology</i> , 2011 , 12, 295-307	48.7	252
143	SHARPIN forms a linear ubiquitin ligase complex regulating NF- κ B activity and apoptosis. <i>Nature</i> , 2011 , 471, 637-41	50.4	526
142	The Three Musketeers of Autophagy: phosphorylation, ubiquitylation and acetylation. <i>Trends in Cell Biology</i> , 2011 , 21, 195-201	18.3	121
141	Shared and unique properties of ubiquitin and SUMO interaction networks in DNA repair. <i>Genes and Development</i> , 2011 , 25, 1763-9	12.6	13
140	Mitophagy in yeast is independent of mitochondrial fission and requires the stress response gene WHI2. <i>Journal of Cell Science</i> , 2011 , 124, 1339-50	5.3	126
139	Autophagy receptors in developmental clearance of mitochondria. <i>Autophagy</i> , 2011 , 7, 301-3	10.2	59
138	Selective binding of linear ubiquitin chains to NEMO in NF-kappaB activation. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 691, 107-14	3.6	5
137	Post-translational modifications in signal integration. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 666-72	17.6	482
136	CIN85 regulates dopamine receptor endocytosis and governs behaviour in mice. <i>EMBO Journal</i> , 2010 , 29, 2421-32	13	30
135	Spatial organization of transmembrane receptor signalling. <i>EMBO Journal</i> , 2010 , 29, 2677-88	13	96
134	Nix is a selective autophagy receptor for mitochondrial clearance. <i>EMBO Reports</i> , 2010 , 11, 45-51	6.5	870
133	Mitochondria get a ParkinPticket. <i>Nature Cell Biology</i> , 2010 , 12, 104-6	23.4	51
132	Selective autophagy in cancer development and therapy. <i>Cancer Research</i> , 2010 , 70, 3431-4	10.1	176
131	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, 6459-64	11.5	87
130	Unconventional ubiquitin recognition by the ubiquitin-binding motif within the Y family DNA polymerases iota and Rev1. <i>Molecular Cell</i> , 2010 , 37, 408-17	17.6	60
129	Regulation of translesion synthesis DNA polymerase eta by monoubiquitination. <i>Molecular Cell</i> , 2010 , 37, 396-407	17.6	129
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6	Simeprevir potently suppresses SARS-CoV-2 replication and synergizes with remdesivir		13
5	Combinatorial CRISPR screening reveals functional buffering in autophagy		2
4	Characterization of protease activity of Nsp3 from SARS-CoV-2 and its in vitro inhibition by nanobodies		2
3	CYR11-mediated inhibition of RAC1 signalling restricts Salmonella Typhimurium infection		1
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