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Global identification of modular cullin-RING ligase substrate

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348	Ubiquitin ligase substrate identification through quantitative proteomics at both the protein and peptide levels. 2011 , 286, 41530-41538		67
347	The new landscape of protein ubiquitination. 2011 , 29, 1098-100		24
346	Cullin 3 mediates SRC-3 ubiquitination and degradation to control the retinoic acid response. 2011 , 108, 20603-8		26
345	Global SUMO Proteome Responses Guide Gene Regulation, mRNA Biogenesis, and Plant Stress Responses. 2012 , 3, 215		24
344	SEL-10/Fbw7-dependent negative feedback regulation of LIN-45/Braf signaling in <i>C. elegans</i> via a conserved phosphodegron. 2012 , 26, 2524-35		31
343	Proteomic analyses reveal divergent ubiquitylation site patterns in murine tissues. 2012 , 11, 1578-85		214
342	Strategies to Identify Recognition Signals and Targets of SUMOylation. 2012 , 2012, 875148		32
341	Understanding cullin-RING E3 biology through proteomics-based substrate identification. 2012 , 11, 1541-50		57
340	Novel agents in acute myeloid leukemia. 2012 , 96, 178-85		14
339	Ubiquitin-dependent regulation of COPII coat size and function. 2012 , 482, 495-500		239
338	Characterizing ubiquitination sites by peptide-based immunoaffinity enrichment. 2012 , 11, 1529-40		50
337	Multiscale models of cell signaling. 2012 , 40, 2319-27		15
336	Radiosensitization of Cancer Cells by Inactivation of Cullin-RING E3 Ubiquitin Ligases. 2012 , 5, 305-12		12
335	Systems-wide analysis of ubiquitylation dynamics reveals a key role for PAF15 ubiquitylation in DNA-damage bypass. 2012 , 14, 1089-98		195
334	Methods for quantification of in vivo changes in protein ubiquitination following proteasome and deubiquitinase inhibition. 2012 , 11, 148-59		127
333	Spartan/C1orf124, a reader of PCNA ubiquitylation and a regulator of UV-induced DNA damage response. 2012 , 46, 625-35		106
332	Cyclin F-mediated degradation of ribonucleotide reductase M2 controls genome integrity and DNA repair. <i>Cell</i> , 2012 , 149, 1023-34	56.2	234

331	Systematic functional prioritization of protein posttranslational modifications. <i>Cell</i> , 2012 , 150, 413-25	56.2	296
330	Cyclins and cell cycle control in cancer and disease. 2012 , 3, 649-57		151
329	Neddylation dysfunction in Alzheimer's disease. 2012 , 16, 2583-91		46
328	Deficiency for the ubiquitin ligase UBE3B in a blepharophimosis-ptosis-intellectual-disability syndrome. 2012 , 91, 998-1010		62
327	Gains of ubiquitylation sites in highly conserved proteins in the human lineage. 2012 , 13, 306		12
326	Fluorescence-based sensors to monitor localization and functions of linear and K63-linked ubiquitin chains in cells. 2012 , 47, 797-809		121
325	Pathogenic Role of the CRL4 Ubiquitin Ligase in Human Disease. 2012 , 2, 21		55
324	The Nedd8-activating enzyme inhibitor MLN4924 induces autophagy and apoptosis to suppress liver cancer cell growth. 2012 , 72, 3360-71		173
323	The ubiquitin code. 2012 , 81, 203-29		2068
322	Ubiquitination and phosphorylation of Beclin 1 and its binding partners: Tuning class III phosphatidylinositol 3-kinase activity and tumor suppression. 2012 , 586, 1584-91		64
321	The role of the TRAF-interacting protein in proliferation and differentiation. 2012 , 21, 321-6		27
320	Integrative analysis of the ubiquitin proteome isolated using Tandem Ubiquitin Binding Entities (TUBEs). 2012 , 75, 2998-3014		74
319	The integrated landscape of driver genomic alterations in glioblastoma. 2013 , 45, 1141-9		400
318	HIF1 regulates WSB-1 expression to promote hypoxia-induced chemoresistance in hepatocellular carcinoma cells. 2013 , 587, 2530-5		33
317	The Colossus of ubiquitylation: decrypting a cellular code. 2013 , 49, 591-600		35
316	hCKSAAP_UbSite: improved prediction of human ubiquitination sites by exploiting amino acid pattern and properties. 2013 , 1834, 1461-7		74
315	Linker Histone H1.2 cooperates with Cul4A and PAF1 to drive H4K31 ubiquitylation-mediated transactivation. <i>Cell Reports</i> , 2013 , 5, 1690-703	10.6	46
314	Mutations in FAM111B cause hereditary fibrosing poikiloderma with tendon contracture, myopathy, and pulmonary fibrosis. 2013 , 93, 1100-7		45

313	Regulation of NF- κ B by ubiquitination. 2013 , 25, 4-12	174
312	Development of activity-based probes for ubiquitin and ubiquitin-like protein signaling pathways. 2013 , 135, 16948-62	38
311	CDK10/cyclin M is a protein kinase that controls ETS2 degradation and is deficient in STAR syndrome. 2013 , 110, 19525-30	58
310	Using the ubiquitin-modified proteome to monitor protein homeostasis function. 2013 , 12, 3521-31	12
309	Overcoming platinum resistance in preclinical models of ovarian cancer using the neddylation inhibitor MLN4924. 2013 , 12, 1958-67	54
308	Refined preparation and use of anti-diglycine remnant (K-EGG) antibody enables routine quantification of 10,000s of ubiquitination sites in single proteomics experiments. 2013 , 12, 825-31	219
307	Large-scale identification of ubiquitination sites by mass spectrometry. 2013 , 8, 1950-60	196
306	Low cyclin F expression in hepatocellular carcinoma associates with poor differentiation and unfavorable prognosis. <i>Cancer Science</i> , 2013 , 104, 508-15	6.9 40
305	Parallel SCF adaptor capture proteomics reveals a role for SCFFBXL17 in NRF2 activation via BACH1 repressor turnover. 2013 , 52, 9-24	71
304	Building and remodelling Cullin-RING E3 ubiquitin ligases. 2013 , 14, 1050-61	216
303	Arresting transcription and sentencing the cell: the consequences of blocked transcription. 2013 , 134, 243-52	5
302	A cyclin without cyclin-dependent kinases: cyclin F controls genome stability through ubiquitin-mediated proteolysis. 2013 , 23, 135-40	59
301	Ubiquitin - omics reveals novel networks and associations with human disease. 2013 , 17, 59-65	37
300	High glucose and diabetes modulate cellular proteasome function: Implications in the pathogenesis of diabetes complications. 2013 , 432, 339-44	36
299	Measuring activity in the ubiquitin-proteasome system: from large scale discoveries to single cells analysis. 2013 , 67, 75-89	16
298	RKIP: much more than Raf kinase inhibitory protein. 2013 , 228, 1688-702	78
297	Selective monitoring of ubiquitin signals with genetically encoded ubiquitin chain-specific sensors. 2013 , 8, 1449-58	8
296	Substrates of IAP ubiquitin ligases identified with a designed orthogonal E3 ligase, the NEDDylator. 2013 , 49, 273-82	75

295	Global analysis of phosphorylation and ubiquitylation cross-talk in protein degradation. 2013 , 10, 676-82	381
294	A fast workflow for identification and quantification of proteomes. 2013 , 12, 2370-80	83
293	Ubiquitin-proteasome system, a new anti-tumor target. 2013 , 34, 187-8	12
292	Advanced proteomic analyses yield a deep catalog of ubiquitylation targets in Arabidopsis. 2013 , 25, 1523-40	180
291	Evolution and functional cross-talk of protein post-translational modifications. 2013 , 9, 714	214
290	Proteomic identification of protein ubiquitination events. 2013 , 29, 73-109	44
289	Neddylation plays an important role in the regulation of murine and human dendritic cell function. 2013 , 122, 2062-73	51
288	Ubiquitination site preferences in anaphase promoting complex/cyclosome (APC/C) substrates. 2013 , 3, 130097	33
287	Recent advances in defining the ubiquitylome. 2014 , 11, 477-90	12
286	An increase in integrin-linked kinase non-canonically confers NF- κ B-mediated growth advantages to gastric cancer cells by activating ERK1/2. 2014 , 12, 69	9
285	NUSAP1 influences the DNA damage response by controlling BRCA1 protein levels. 2014 , 15, 533-43	23
284	AMBRA1 interplay with cullin E3 ubiquitin ligases regulates autophagy dynamics. 2014 , 31, 734-46	103
283	Cullin E3 ligases and their rewiring by viral factors. 2014 , 4, 897-930	52
282	Identification of candidate substrates for the Golgi Tul1 E3 ligase using quantitative diGly proteomics in yeast. 2014 , 13, 2871-82	25
281	Profiling human protein degradome delineates cellular responses to proteasomal inhibition and reveals a feedback mechanism in regulating proteasome homeostasis. 2014 , 24, 1214-30	12
280	FBXL5-mediated degradation of single-stranded DNA-binding protein hSSB1 controls DNA damage response. 2014 , 42, 11560-9	23
279	Sumoylation of the Rad1 nuclease promotes DNA repair and regulates its DNA association. 2014 , 42, 6393-404	20
278	SCF and APC E3 Ubiquitin Ligases in Tumorigenesis. 2014 ,	2

277	Immunoaffinity enrichment and mass spectrometry analysis of protein methylation. 2014 , 13, 372-87	324
276	Hst3 is turned over by a replication stress-responsive SCF(Cdc4) phospho-degron. 2014 , 111, 5962-7	13
275	A CULLINARY ride across the secretory pathway: more than just secretion. 2014 , 24, 389-99	22
274	Regulation of stem cell function by protein ubiquitylation. 2014 , 15, 365-82	35
273	Paradigms of protein degradation by the proteasome. 2014 , 24, 156-64	82
272	Chlamydia trachomatis-induced alterations in the host cell proteome are required for intracellular growth. 2014 , 15, 113-24	29
271	Hypoxia-responsive microRNA-101 promotes angiogenesis via heme oxygenase-1/vascular endothelial growth factor axis by targeting cullin 3. 2014 , 21, 2469-82	69
270	E2 enzyme inhibition by stabilization of a low-affinity interface with ubiquitin. 2014 , 10, 156-163	58
269	Ubiquitin ligase trapping identifies an SCF(Saf1) pathway targeting unprocessed vacuolar/lysosomal proteins. 2014 , 53, 148-61	40
268	Quantitative Lys-?-Gly-Gly (diGly) proteomics coupled with inducible RNAi reveals ubiquitin-mediated proteolysis of DNA damage-inducible transcript 4 (DDIT4) by the E3 ligase HUWE1. 2014 , 289, 28942-55	42
267	Using in vivo biotinylated ubiquitin to describe a mitotic exit ubiquitome from human cells. 2014 , 13, 2411-25	29
266	Uncovering global SUMOylation signaling networks in a site-specific manner. 2014 , 21, 927-36	314
265	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC). 2014 ,	1
264	PKD1 phosphorylation-dependent degradation of SNAIL by SCF-FBXO11 regulates epithelial-mesenchymal transition and metastasis. 2014 , 26, 358-373	164
263	Convergence of ubiquitylation and phosphorylation signaling in rapamycin-treated yeast cells. 2014 , 13, 1979-92	42
262	Toward understanding ubiquitin-modifying enzymes: from pharmacological targeting to proteomics. 2014 , 35, 187-207	35
261	Bioinformatic analysis of proteomics data. 2014 , 8 Suppl 2, S3	93
260	Targeting Neddylation pathways to inactivate cullin-RING ligases for anticancer therapy. 2014 , 21, 2383-400	125

259	DNA polymerase β and its roles in genome stability. 2014 , 66, 339-51	49
258	Identification of new mechanisms of cellular response to chemotherapy by tracking changes in post-translational modifications by ubiquitin and ubiquitin-like proteins. 2014 , 13, 2478-94	21
257	SCFs in the new millennium. 2014 , 33, 2011-8	45
256	Peroxiredoxin 6 triggers melanoma cell growth by increasing arachidonic acid-dependent lipid signalling. 2015 , 471, 267-79	25
255	F-Box Proteins: Multiple Functions Through One Platform. 2015 , 1, 126-136	
254	Phosphorylation of ubiquitin at Ser65 affects its polymerization, targets, and proteome-wide turnover. 2015 , 16, 1131-44	49
253	Ubiquitylation as a Rheostat for TCR Signaling: From Targeted Approaches Toward Global Profiling. 2015 , 6, 618	10
252	SP140L, an Evolutionarily Recent Member of the SP100 Family, Is an Autoantigen in Primary Biliary Cirrhosis. 2015 , 2015, 526518	11
251	Identification of prostate cancer biomarkers in urinary exosomes. 2015 , 6, 30357-76	138
250	Quantifying ubiquitin signaling. 2015 , 58, 660-76	104
249	Ubiquitylation, neddylation and the DNA damage response. 2015 , 5, 150018	103
248	Quantitative Proteomic Atlas of Ubiquitination and Acetylation in the DNA Damage Response. 2015 , 59, 867-81	206
247	Connecting autophagy: AMBRA1 and its network of regulation. 2015 , 2, e970059	11
246	Proteomic analyses uncover a new function and mode of action for mouse homolog of Diaphanous 2 (mDia2). 2015 , 14, 1064-78	14
245	Peptidic degron in EID1 is recognized by an SCF E3 ligase complex containing the orphan F-box protein FBXO21. 2015 , 112, 15372-7	14
244	Cyclin F suppresses B-Myb activity to promote cell cycle checkpoint control. 2015 , 6, 5800	43
243	System-wide identification of wild-type SUMO-2 conjugation sites. 2015 , 6, 7289	80
242	SELENOPROTEINS. CRL2 aids elimination of truncated selenoproteins produced by failed UGA/Sec decoding. 2015 , 349, 91-5	42

241	Immunoaffinity enrichment coupled to quantitative mass spectrometry reveals ubiquitin-mediated signaling events. 2015 , 427, 2121-34	10
240	Transposon mutagenesis identifies genetic drivers of Braf(V600E) melanoma. 2015 , 47, 486-95	48
239	Regulation of translesion DNA synthesis: Posttranslational modification of lysine residues in key proteins. 2015 , 29, 166-79	27
238	Termination of DNA replication forks: "Breaking up is hard to do". 2015 , 6, 187-96	16
237	A comprehensive method for detecting ubiquitinated substrates using TR-TUBE. 2015 , 112, 4630-5	67
236	Regulation of cancer-related pathways by protein NEDDylation and strategies for the use of NEDD8 inhibitors in the clinic. 2015 , 22, T55-70	48
235	Examination of segmental average mass spectra from liquid chromatography-tandem mass spectrometric (LC-MS/MS) data enables screening of multiple types of protein modifications. 2015 , 892, 115-22	3
234	Ubiquitin ligase Siah2 regulates RevErb β degradation and the mammalian circadian clock. 2015 , 112, 12420-5	20
233	CRL4-DCAF1 ubiquitin E3 ligase directs protein phosphatase 2A degradation to control oocyte meiotic maturation. 2015 , 6, 8017	40
232	Substrate trapping proteomics reveals targets of the β TrCP2/FBXW11 ubiquitin ligase. 2015 , 35, 167-81	37
231	Oncogenic Y641 mutations in EZH2 prevent Jak2/ β TrCP-mediated degradation. 2015 , 34, 445-54	63
230	Lamina Associated Polypeptide 1 (LAP1) Interactome and Its Functional Features. 2016 , 6,	15
229	Mass Spectrometry-Based Proteomics for Investigating DNA Damage-Associated Protein Ubiquitylation. 2016 , 7, 109	3
228	Phosphorylation Regulating the Ratio of Intracellular CRY1 Protein Determines the Circadian Period. 2016 , 7, 159	14
227	Mutant p53 and ETS2, a Tale of Reciprocity. 2016 , 6, 35	13
226	MLN4924 therapy as a novel approach in cancer treatment modalities. 2016 , 28, 74-82	18
225	Numerous proteins with unique characteristics are degraded by the 26S proteasome following monoubiquitination. 2016 , 113, E4639-47	91
224	Uncovering a Dual Regulatory Role for Caspases During Endoplasmic Reticulum Stress-induced Cell Death. 2016 , 15, 2293-307	6

223	Human X-linked Intellectual Disability Factor CUL4B Is Required for Post-meiotic Sperm Development and Male Fertility. 2016 , 6, 20227		12
222	The use of the NEDD8 inhibitor MLN4924 (Pevonedistat) in a cyclotherapy approach to protect wild-type p53 cells from MLN4924 induced toxicity. 2016 , 6, 37775		17
221	Broad and potent antiviral activity of the NAE inhibitor MLN4924. 2016 , 6, 19977		29
220	Quantitative proteomics and terminomics to elucidate the role of ubiquitination and proteolysis in adaptive immunity. 2016 , 374,		7
219	Drugging the undruggables: exploring the ubiquitin system for drug development. 2016 , 26, 484-98		279
218	The increasing complexity of the ubiquitin code. 2016 , 18, 579-86		536
217	Post-translational modification profiling - A novel tool for mapping the protein modification landscape in cancer. 2016 , 241, 1475-82		16
216	Recent advances in SCF ubiquitin ligase complex: Clinical implications. 2016 , 1866, 12-22		55
215	CRL4(WDR23)-Mediated SLBP Ubiquitylation Ensures Histone Supply during DNA Replication. 2016 , 62, 627-35		23
214	Proteomic techniques to probe the ubiquitin landscape. <i>Proteomics</i> , 2016 , 16, 273-87	4.8	28
213	Alterations in the cardiac proteome of the spontaneously hypertensive rat induced by transgenic expression of CD36. 2016 , 145, 177-186		7
212	SAG/Rbx2-Dependent Neddylation Regulates T-Cell Responses. 2016 , 186, 2679-91		14
211	APC/C and SCF(cyclin F) Constitute a Reciprocal Feedback Circuit Controlling S-Phase Entry. <i>Cell Reports</i> , 2016 , 16, 3359-3372	10.6	49
210	GPRC5A is a potential oncogene in pancreatic ductal adenocarcinoma cells that is upregulated by gemcitabine with help from HuR. 2016 , 7, e2294		26
209	Global iTRAQ-based proteomic profiling of <i>Toxoplasma gondii</i> oocysts during sporulation. 2016 , 148, 12-9		18
208	The ubiquitin family meets the Fanconi anemia proteins. 2016 , 769, 36-46		12
207	Using the Ubiquitin-modified Proteome to Monitor Distinct and Spatially Restricted Protein Homeostasis Dysfunction. 2016 , 15, 2576-93		29
206	Two Distinct Types of E3 Ligases Work in Unison to Regulate Substrate Ubiquitylation. <i>Cell</i> , 2016 , 166, 1198-1214.e24	56.2	106

205	Proteasomal Degradation of the EWS-FLI1 Fusion Protein Is Regulated by a Single Lysine Residue. 2016 , 291, 26922-26933	12
204	Identification and Characterization of MCM3 as a Kelch-like ECH-associated Protein 1 (KEAP1) Substrate. 2016 , 291, 23719-23733	47
203	Hepatitis B Virus X Protein Promotes Degradation of SMC5/6 to Enhance HBV Replication. <i>Cell Reports</i> , 2016 , 16, 2846-2854	10.6 148
202	A comprehensive compilation of SUMO proteomics. 2016 , 17, 581-95	257
201	Systematic approaches to identify E3 ligase substrates. 2016 , 473, 4083-4101	97
200	Cyclin F-Mediated Degradation of SLBP Limits H2A.X Accumulation and Apoptosis upon Genotoxic Stress in G2. 2016 , 64, 507-519	47
199	Mass Spectrometry Methods for the Analysis of Isopeptides Generated from Mammalian Protein Ubiquitination and SUMOylation. 2016 , 235-273	
198	SCF(Cyclin F)-dependent degradation of CDC6 suppresses DNA re-replication. 2016 , 7, 10530	59
197	CHIP mediates down-regulation of nucleobindin-1 in preosteoblast cell line models. 2016 , 28, 1058-65	4
196	Isolation of ubiquitinated substrates by tandem affinity purification of E3 ligase-polyubiquitin-binding domain fusions (ligase traps). 2016 , 11, 291-301	23
195	Systematic Protein Level Regulation via Degradation Machinery Induced by Genotoxic Drugs. 2016 , 15, 205-15	2
194	Neddylation Inhibition Activates the Extrinsic Apoptosis Pathway through ATF4-CHOP-DR5 Axis in Human Esophageal Cancer Cells. 2016 , 22, 4145-57	69
193	Virology: The X-Files of hepatitis B. 2016 , 531, 313-4	6
192	Hepatitis B virus X protein identifies the Smc5/6 complex as a host restriction factor. 2016 , 531, 386-9	282
191	Alterations in histone deacetylase 8 lead to cell migration and poor prognosis in breast cancer. 2016 , 151, 7-14	24
190	Enrichment of Modified Peptides via Immunoaffinity Precipitation with Modification-Specific Antibodies. 2016 , 2016, pdb.prot088013	3
189	Ubiquitination-mediated degradation of cell cycle-related proteins by F-box proteins. 2016 , 73, 99-110	37
188	Monoubiquitination of survival motor neuron regulates its cellular localization and Cajal body integrity. 2016 , 25, 1392-405	14

187	Proteomic Analysis of Protein Posttranslational Modifications by Mass Spectrometry. 2016 , 2016, pdb.top077743	
186	Deregulation of F-box proteins and its consequence on cancer development, progression and metastasis. 2016 , 36, 33-51	34
185	F-box protein interactions with the hallmark pathways in cancer. 2016 , 36, 3-17	40
184	Genome-wide gene-gene interaction analysis for next-generation sequencing. 2016 , 24, 421-8	12
183	Targeting cullin-RING ligases for cancer treatment: rationales, advances and therapeutic implications. 2016 , 68, 1-8	8
182	Rapid degradation of mutant SLC25A46 by the ubiquitin-proteasome system results in MFN1/2-mediated hyperfusion of mitochondria. 2017 , 28, 600-612	50
181	Salvianolic acid A ameliorates the integrity of blood-spinal cord barrier via miR-101/Cul3/Nrf2/HO-1 signaling pathway. 2017 , 1657, 279-287	23
180	Guard the guardian: A CRL4 ligase stands watch over histone production. 2017 , 8, 134-143	6
179	MLN4924 and 2DG combined treatment enhances the efficiency of radiotherapy in breast cancer cells. 2017 , 93, 590-599	19
178	Myeloid-derived cullin 3 promotes STAT3 phosphorylation by inhibiting OGT expression and protects against intestinal inflammation. 2017 , 214, 1093-1109	54
177	Single-Cell Analysis of SMN Reveals Its Broader Role in Neuromuscular Disease. <i>Cell Reports</i> , 2017 , 18, 1484-1498	10.6 29
176	Cyclin F/FBXO1 Interacts with HIV-1 Viral Infectivity Factor (Vif) and Restricts Progeny Virion Infectivity by Ubiquitination and Proteasomal Degradation of Vif Protein through SCF E3 Ligase Machinery. 2017 , 292, 5349-5363	15
175	VprBP/DCAF1 Regulates the Degradation and Nonproteolytic Activation of the Cell Cycle Transcription Factor FoxM1. 2017 , 37,	22
174	Enzyme-substrate relationships in the ubiquitin system: approaches for identifying substrates of ubiquitin ligases. 2017 , 74, 3363-3375	19
173	DNA-damage-induced degradation of EXO1 exonuclease limits DNA end resection to ensure accurate DNA repair. 2017 , 292, 10779-10790	36
172	Multiple functions of the E3 ubiquitin ligase CHIP in immunity. 2017 , 36, 300-312	11
171	Anticancer sulfonamides target splicing by inducing RBM39 degradation via recruitment to DCAF15. 2017 , 356,	260
170	A cell based screening approach for identifying protein degradation regulators. 2017 , 16, 940-946	

169	Systematic analysis of human telomeric dysfunction using inducible telosome/shelterin CRISPR/Cas9 knockout cells. 2017 , 3, 17034	31
168	The E3 Ubiquitin Ligase SCF(Cyclin F) Transmits AKT Signaling to the Cell-Cycle Machinery. <i>Cell Reports</i> , 2017 , 20, 3212-3222	10.6 28
167	Comprehensive profiling of lysine ubiquitome reveals diverse functions of lysine ubiquitination in common wheat. 2017 , 7, 13601	20
166	Nucleolar and spindle-associated protein 1 (NUSAP1) interacts with a SUMO E3 ligase complex during chromosome segregation. 2017 , 292, 17178-17189	18
165	An RNA interference screen identifies druggable regulators of MeCP2 stability. 2017 , 9,	20
164	Cyclin F: A component of an E3 ubiquitin ligase complex with roles in neurodegeneration and cancer. 2017 , 89, 216-220	18
163	Targeting the protein ubiquitination machinery in melanoma by the NEDD8-activating enzyme inhibitor pevonedistat (MLN4924). 2017 , 35, 11-25	12
162	Pharmacogenomics and chemical library screens reveal a novel SCF inhibitor that overcomes Bortezomib resistance in multiple myeloma. 2017 , 31, 645-653	33
161	Identifying the ubiquitination targets of E6AP by orthogonal ubiquitin transfer. 2017 , 8, 2232	19
160	Neddylation inhibitor MLN4924 induces G cell cycle arrest, DNA damage and sensitizes esophageal squamous cell carcinoma cells to cisplatin. 2018 , 15, 2583-2589	14
159	Ubiquitination of tumor suppressor PML regulates prometastatic and immunosuppressive tumor microenvironment. 2017 , 127, 2982-2997	25
158	Cullin-3-RING ubiquitin ligase activity is required for striated muscle function in mice. 2018 , 293, 8802-8811	14
157	A first-in-class inhibitor, MLN4924 (pevonedistat), induces cell-cycle arrest, senescence, and apoptosis in human renal cell carcinoma by suppressing UBE2M-dependent neddylation modification. 2018 , 81, 1083-1093	9
156	Identifying the substrate proteins of U-box E3s E4B and CHIP by orthogonal ubiquitin transfer. 2018 , 4, e1701393	19
155	Nuclear poly(A)-binding protein 1 is an ATM target and essential for DNA double-strand break repair. 2018 , 46, 730-747	6
154	Probing ubiquitin and SUMO conjugation and deconjugation. 2018 , 46, 423-436	17
153	In situ simultaneous profiling of phosphorylation and ubiquitination by single excitation-duplexed luminescence resonance energy transfer. 2018 , 54, 3648-3651	4
152	Investigating CCNF mutations in a Taiwanese cohort with amyotrophic lateral sclerosis. 2018 , 62, 243.e1-243.e6	

151	Structural basis for Cullins and RING component inhibition: Targeting E3 ubiquitin pathway conductors for cancer therapeutics. 2018 , 106, 532-543	10
150	KRAS Suppression-Induced Degradation of MYC Is Antagonized by a MEK5-ERK5 Compensatory Mechanism. 2018 , 34, 807-822.e7	71
149	An E2-ubiquitin thioester-driven approach to identify substrates modified with ubiquitin and ubiquitin-like molecules. 2018 , 9, 4776	20
148	GPRC5A: An Emerging Biomarker in Human Cancer. 2018 , 2018, 1823726	17
147	Rapid degradation of progressive ankylosis protein (ANKH) in craniometaphyseal dysplasia. 2018 , 8, 15710	6
146	Recognition of the Diglycine C-End Degron by CRL2 Ubiquitin Ligase. 2018 , 72, 813-822.e4	30
145	Cyclin F-Dependent Degradation of RBPJ Inhibits IDH1-Mediated Tumorigenesis. 2018 , 78, 6386-6398	13
144	TrCP- and Casein Kinase II-Mediated Degradation of Cyclin F Controls Timely Mitotic Progression. <i>Cell Reports</i> , 2018 , 24, 3404-3412	10.6 25
143	The Ubiquitin Proteasome System. 2018 ,	1
142	Ubiquitin diGLY Proteomics as an Approach to Identify and Quantify the Ubiquitin-Modified Proteome. 2018 , 1844, 363-384	20
141	A Druggable Genome Screen Identifies Modifiers of β Synuclein Levels via a Tiered Cross-Species Validation Approach. 2018 , 38, 9286-9301	21
140	TrCP is Required for HIV-1 Vpu Modulation of CD4, GaLV Env, and BST-2/Tetherin. 2018 , 10,	4
139	The Eukaryotic Proteome Is Shaped by E3 Ubiquitin Ligases Targeting C-Terminal Degrons. <i>Cell</i> , 2018 , 173, 1622-1635.e14	56.2 90
138	C-Terminal End-Directed Protein Elimination by CRL2 Ubiquitin Ligases. 2018 , 70, 602-613.e3	59
137	Heat Shock Proteins and Autophagy Pathways in Neuroprotection: from Molecular Bases to Pharmacological Interventions. 2018 , 19,	48
136	Principles of Ubiquitin-Dependent Signaling. 2018 , 34, 137-162	120
135	Proteomics identifies neddylation as a potential therapy target in small intestinal neuroendocrine tumors. 2019 , 38, 6881-6897	4
134	Application of a MYC degradation screen identifies sensitivity to CDK9 inhibitors in KRAS-mutant pancreatic cancer. 2019 , 12,	25

133	NEDD4 protects vascular endothelial cells against Angiotensin II-induced cell death via enhancement of XPO1-mediated nuclear export. 2019 , 383, 111505	3
132	The NEDD8-activating enzyme inhibitor MLN4924 induces DNA damage in Ph+ leukemia and sensitizes for ABL kinase inhibitors. 2019 , 18, 2307-2322	1
131	Ubiquitin Signaling in Regulation of the Start of the Cell Cycle. 2019 ,	2
130	Targeting E3 ubiquitin ligases to sensitize cancer radiation therapy. 2019 , 3, 105-110	2
129	T Regulatory Cells From Non-obese Diabetic Mice Show Low Responsiveness to IL-2 Stimulation and Exhibit Differential Expression of Anergy-Related and Ubiquitination Factors. 2019 , 10, 2665	4
128	Pathogenic mutations in the ALS gene CCNF cause cytoplasmic mislocalization of Cyclin F and elevated VCP ATPase activity. 2019 , 28, 3486-3497	15
127	Degradation of proteins with N-terminal glycine. 2019 , 26, 761-763	7
126	Feature selection may improve deep neural networks for the bioinformatics problems. 2020 , 36, 1542-1552	22
125	Control of mTOR signaling by ubiquitin. 2019 , 38, 3989-4001	20
124	The HMG box transcription factor HBP1: a cell cycle inhibitor at the crossroads of cancer signaling pathways. 2019 , 76, 1529-1539	16
123	The Hunt for Degrons of the 26S Proteasome. 2019 , 9,	11
122	From Selenium Absorption to Selenoprotein Degradation. 2019 , 192, 26-37	39
121	Inhibition of neddylation causes meiotic arrest in mouse oocyte. 2019 , 18, 1254-1267	5
120	Cyclin F Controls Cell-Cycle Transcriptional Outputs by Directing the Degradation of the Three Activator E2Fs. 2019 , 74, 1264-1277.e7	44
119	Cellular Cullin RING Ubiquitin Ligases: Druggable Host Dependency Factors of Cytomegaloviruses. 2019 , 20,	16
118	Mass spectrometric approaches for profiling protein folding and stability. 2019 , 118, 111-144	0
117	DCAF1 (VprBP): emerging physiological roles for a unique dual-service E3 ubiquitin ligase substrate receptor. 2019 , 11, 725-735	13
116	pSILAC method coupled with two complementary digestion approaches reveals PRPF39 as a new E7070-dependent DCAF15 substrate. 2020 , 210, 103545	6

115	CSNAP, the smallest CSN subunit, modulates proteostasis through cullin-RING ubiquitin ligases. 2020 , 27, 984-998	10
114	The CRL4-DCAF13 ubiquitin E3 ligase supports oocyte meiotic resumption by targeting PTEN degradation. 2020 , 77, 2181-2197	6
113	Quantitative Proteomics Combined with Two Genetic Strategies for Screening Substrates of Ubiquitin Ligase Hrt3. 2020 , 19, 493-502	1
112	Dosage-sensitive genes in autism spectrum disorders: From neurobiology to therapy. 2020 , 118, 538-567	7
111	Identification of BBOX1 as a Therapeutic Target in Triple-Negative Breast Cancer. 2020 , 10, 1706-1721	13
110	Identification of the HECT E3 ligase UBR5 as a regulator of MYC degradation using a CRISPR/Cas9 screen. 2020 , 10, 20044	2
109	A ubiquitin ligase mediates target-directed microRNA decay independently of tailing and trimming. 2020 , 370,	44
108	EXO1: A tightly regulated nuclease. 2020 , 93, 102929	6
107	The DNA replication fork suppresses CMG unloading from chromatin before termination. 2020 , 34, 1534-1545	14
106	LDB1 Enforces Stability on Direct and Indirect Oncoprotein Partners in Leukemia. 2020 , 40,	4
105	Targeted protein degradation as a powerful research tool in basic biology and drug target discovery. 2020 , 27, 605-614	43
104	Complex Cartography: Regulation of E2F Transcription Factors by Cyclin F and Ubiquitin. 2020 , 30, 640-652	16
103	Dissenting degradation: Deubiquitinases in cell cycle and cancer. 2020 , 67, 145-158	18
102	Discovery of novel tertiary amide derivatives as NEDDylation pathway activators to inhibit the tumor progression <i>in vitro</i> and <i>in vivo</i> . 2020 , 192, 112153	5
101	The Human Cytomegalovirus pUL145 Isoforms Act as Viral DDB1-Cullin-Associated Factors to Instruct Host Protein Degradation to Impede Innate Immunity. <i>Cell Reports</i> , 2020 , 30, 2248-2260.e5	10.6 15
100	Preclinical studies reveal MLN4924 is a promising new retinoblastoma therapy. 2020 , 6, 2	17
99	Suppression of Drug-Resistant Non-Small-Cell Lung Cancer with Inhibitors Targeting Minichromosomal Maintenance Protein. 2020 , 63, 3172-3187	6
98	Rapid and deep-scale ubiquitylation profiling for biology and translational research. 2020 , 11, 359	40

97	Hi-JAK-ing the ubiquitin system: The design and physicochemical optimisation of JAK PROTACs. 2020 , 28, 115326		22
96	Global site-specific neddylation profiling reveals that NEDDylated cofilin regulates actin dynamics. 2020 , 27, 210-220		33
95	Genome-wide Screens Implicate Loss of Cullin Ring Ligase 3 in Persistent Proliferation and Genome Instability in TP53-Deficient Cells. <i>Cell Reports</i> , 2020 , 31, 107465	10.6	11
94	Beyond repression of Nrf2: An update on Keap1. 2020 , 157, 63-74		52
93	Protein Engineering in the Ubiquitin System: Tools for Discovery and Beyond. <i>Pharmacological Reviews</i> , 2020 , 72, 380-413	22.5	19
92	Defensin 1 Eradicates Mouse Metastatic Lung Nodules from B16F10 Melanoma Cells. 2020 , 21,		1
91	NUSAP1 potentiates chemoresistance in glioblastoma through its SAP domain to stabilize ATR. 2020 , 5, 44		19
90	F-box proteins and cancer: an update from functional and regulatory mechanism to therapeutic clinical prospects. 2020 , 10, 4150-4167		17
89	Molecular basis for arginine C-terminal degron recognition by Cul2 E3 ligase. 2021 , 17, 254-262		8
88	Molecular basis for ubiquitin ligase CRL2-mediated recognition of C-degron. 2021 , 17, 263-271		7
87	Post-Transcriptional Regulation of PARP7 Protein Stability Is Controlled by Androgen Signaling. 2021 , 10,		8
86	The Effect of Neddylation Inhibition on Inflammation-Induced MMP9 Gene Expression in Esophageal Squamous Cell Carcinoma. 2021 , 22,		2
85	E2F1: Cause and Consequence of DNA Replication Stress. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 599332	332	5
84	Expression of Genomic Instability-Related Molecules: Cyclin F, RRM2 and SPDL1 and Their Prognostic Significance in Pancreatic Adenocarcinoma. 2021 , 13,		8
83	SPIN4 Is a Principal Endogenous Substrate of the E3 Ubiquitin Ligase DCAF16. 2021 , 60, 637-642		3
82	Six genes involved in prognosis of hepatocellular carcinoma identified by Cox hazard regression. 2021 , 22, 167		2
81	ALS/FTD-causing mutation in cyclin F causes the dysregulation of SFPQ. 2021 , 30, 971-984		8
80	ORF10-Cullin-2-ZYG11B complex is not required for SARS-CoV-2 infection. 2021 , 118,		8

79	Proteasomal degradation of the tumour suppressor FBW7 requires branched ubiquitylation by TRIP12. 2021 , 12, 2043	5
78	RhoG deficiency abrogates cytotoxicity of human lymphocytes and causes hemophagocytic lymphohistiocytosis. 2021 , 137, 2033-2045	11
77	Unbiased Label-Free Quantitative Proteomics of Cells Expressing Amyotrophic Lateral Sclerosis (ALS) Mutations in Reveals Activation of the Apoptosis Pathway: A Workflow to Screen Pathogenic Gene Mutations. 2021 , 14, 627740	6
76	Pevonedistat and azacitidine upregulate NOXA () to increase sensitivity to venetoclax in preclinical models of acute myeloid leukemia. 2021 ,	5
75	Automating UbiFast for High-throughput and Multiplexed Ubiquitin Enrichment.	1
74	Coordinate regulation of the senescent state by selective autophagy. 2021 , 56, 1512-1525.e7	10
73	Ubiquitin-Mediated Control of ETS Transcription Factors: Roles in Cancer and Development. 2021 , 22,	3
72	Current Understanding of Neurofibromatosis Type 1, 2, and Schwannomatosis. 2021 , 22,	8
71	A Novel Signature of CCNF-Associated E3 Ligases Collaborate and Counter Each Other in Breast Cancer. 2021 , 13,	4
70	Global identification of phospho-dependent SCF substrates reveals a FBXO22 phosphodegron and an ERK-FBXO22-BAG3 axis in tumorigenesis. 2021 ,	5
69	Time-resolved in vivo ubiquitinome profiling by DIA-MS reveals USP7 targets on a proteome-wide scale. 2021 , 12, 5399	6
68	Pevonedistat attenuates cisplatin-induced nephrotoxicity in mice by downregulating the release of inflammatory mediators. 2021 , 35, e22908	0
67	MEKK1-Dependent Activation of the CRL4 Complex Is Important for DNA Damage-Induced Degradation of p21 and DDB2 and Cell Survival. 2021 , 41, e0008121	1
66	Automating UbiFast for High-throughput and Multiplexed Ubiquitin Enrichment. 2021 , 20, 100154	1
65	Machine learning modeling of protein-intrinsic features predicts tractability of targeted protein degradation.	1
64	Global ubiquitination analysis by SILAC in mammalian cells. 2014 , 1188, 149-60	4
63	Nucleolar Proteins and Cancer: The Roles of Aurora A-Interacting Nucleolar Proteins in Mitosis and Cancer. 2013 , 323-342	1
62	Cullin 3 and Its Role in Tumorigenesis. 2020 , 1217, 187-210	9

61	Functional Genomics for Cancer Drug Target Discovery. 2020 , 38, 31-43	18
60	KLHL40 deficiency destabilizes thin filament proteins and promotes nemaline myopathy. 2014 , 124, 3529-39	76
59	Identification of ubiquitinated proteins. 4,	1
58	In silico APC/C substrate discovery reveals cell cycle-dependent degradation of UHRF1 and other chromatin regulators. 2020 , 18, e3000975	5
57	DNA Damage Regulates Translation through ETRCP Targeting of CReP. 2015 , 11, e1005292	23
56	Structural propensities of human ubiquitination sites: accessibility, centrality and local conformation. 2013 , 8, e83167	10
55	mUbiSiDa: a comprehensive database for protein ubiquitination sites in mammals. 2014 , 9, e85744	38
54	Development of a four-gene prognostic model for pancreatic cancer based on transcriptome dysregulation. 2020 , 12, 3747-3770	11
53	Identification of a cullin5-RING E3 ligase transcriptome signature in glioblastoma multiforme. 2020 , 12, 17380-17392	5
52	The emerging roles of GPRC5A in diseases. 2014 , 1, 765-76	42
51	The awakening of the CDK10/Cyclin M protein kinase. 2017 , 8, 50174-50186	18
50	Mutant p53 protects ETS2 from non-canonical COP1/DET1 dependent degradation. 2016 , 7, 12554-67	10
49	Spastin recovery in hereditary spastic paraplegia by preventing neddylation-dependent degradation. 2020 , 3,	2
48	High Efficiency Apoptosis Induction in Breast Cancer Cell Lines by MLN4924/2DG Co-Treatment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 5471-6	1.7 12
47	SENp8 limits aberrant neddylation of NEDD8 pathway components to promote cullin-RING ubiquitin ligase function. <i>ELife</i> , 2017 , 6,	8.9 24
46	The Role of FBXO Subfamily of F-box Proteins in Tumorigenesis. 2014 , 73-87	
45	Systems-Wide Analysis of Protein Ubiquitylation: We Finally Have the Tiger by the Tail. 2014 , 367-391	
44	Genome re-sequencing to identify single nucleotide polymorphism markers for muscle color traits in broiler chickens. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018 , 31, 13-18	2.4 2

43	-TrCP and Casein Kinase III Mediated Degradation of Cyclin F Controls Timely Mitotic Entry. <i>SSRN Electronic Journal</i> ,		1
42	Constitutive overexpression of the ALS-linked gene CCNF fusions results in cytotoxicity to preclude generation of transgenic zebrafish models. <i>Matters</i> ,		0
41	CSNAP, the smallest CSN subunit, modulates proteostasis through cullin-RING ubiquitin ligases.		
40	An E2-ubiquitin thioester-driven approach to identify substrates modified with ubiquitin and ubiquitin-like molecules.		1
39	Structural and behavioral analysis reveals that Insomniac impacts sleep by functioning as a Cul3 adaptor.		0
38	Live cell kinetic analysis of the LMO2/LDB1 leukemogenic protein complex reveals a hierarchy of turnover with implications for complex assembly.		
37	UbiFast, a rapid and deep-scale ubiquitylation profiling approach for biology and translational research.		
36	BioID analysis of the cyclin F interactome reveals that ALS-variant cyclin F alters the homeostasis of paraspeckle-associated proteins.		
35	Branching and Mixing: New Signals of the Ubiquitin Signaling System.		
34	In silico APC/C substrate discovery reveals cell cycle degradation of chromatin regulators including UHRF1.		1
33	Regulation of Mitogen-Activated Protein Kinase Signaling Pathways by the Ubiquitin-Proteasome System and Its Pharmacological Potential. <i>Pharmacological Reviews</i> , 2021 , 73, 263-296	22.5	1
32	Identification of microRNAs that stabilize p53 in HPV-positive cancer cells.		
31	Induction of cell senescence by targeting to Cullin-RING Ligases (CRLs) for effective cancer therapy. <i>International Journal of Biochemistry and Molecular Biology</i> , 2012 , 3, 273-81	0.4	7
30	Site-specific proteomic strategies to identify ubiquitin and SUMO modifications: Challenges and opportunities. <i>Seminars in Cell and Developmental Biology</i> , 2021 ,	7.5	1
29	Identification of microRNAs that stabilize p53 in HPV-positive cancer cells. <i>Journal of Virology</i> , 2021 , JVI0186521	6.6	0
28	Probing protein ubiquitination in live cells.		
27	Proteome-centric cross-omics characterization and integrated network analyses of triple-negative breast cancer.. <i>Cell Reports</i> , 2022 , 38, 110460	10.6	0
26	Ubiquitinomics: history, methods and applications in basic research and drug discovery.. <i>Proteomics</i> , 2022 , e2200074	4.8	0

25	NUSAP1 Could be a Potential Target for Preventing NAFLD Progression to Liver Cancer.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 823140	5.6	0
24	TDP-43 is a ubiquitylation substrate of the SCF complex.. <i>Neurobiology of Disease</i> , 2022 , 105673	7.5	3
23	Spinal Muscular Atrophy Patient iPSC-Derived Motor Neurons Display Altered Proteomes at Early Stages of Differentiation.. <i>ACS Omega</i> , 2021 , 6, 35375-35388	3.9	0
22	Proteogenomic analysis of aneuploidy reveals divergent types of gene expression regulation across cellular pathways.		1
21	Data_Sheet_1.pdf. 2019 ,		
20	Association Between Neddylation and Immune Response. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10,	5.7	1
19	Assembly and function of branched ubiquitin chains.. <i>Trends in Biochemical Sciences</i> , 2022 ,	10.3	5
18	The Functions and Effects of CUL3-E3 Ligases Mediated Non-degradative Ubiquitination.. <i>Gene</i> , 2022 , 146562	3.8	1
17	Mechanisms and Regulation of DNA-Protein Crosslink Repair During DNA Replication by SPRTN Protease. <i>Frontiers in Molecular Biosciences</i> , 9,	5.6	1
16	Identification and clinical validation of NUSAP1 as a novel prognostic biomarker in ovarian cancer. <i>BMC Cancer</i> , 2022 , 22,	4.8	1
15	USP28 Deubiquitinates TCF7L2 to Govern the Action of Wnt Signaling Pathway in Hepatic Carcinoma. <i>Cancer Science</i> ,	6.9	0
14	Cyclin F, Neurodegeneration, and the Pathogenesis of ALS/FTD. 107385842211201		0
13	Adaptive exchange sustains cullinRING ubiquitin ligase networks and proper licensing of DNA replication. 2022 , 119,		0
12	ALS-linked loss of Cyclin-F function affects HSP90. 2022 , 5, e202101359		0
11	Proteogenomic analysis of cancer aneuploidy and normal tissues reveals divergent modes of gene regulation across cellular pathways. 11,		0
10	Probing protein ubiquitination in live cells.		0
9	FBXL4 suppresses mitophagy by restricting the accumulation of NIX and BNIP3 mitophagy receptors.		0
8	The deubiquitylase USP7 is a novel cyclin F-interacting protein and regulates cyclin F protein stability.		0

- 7 Proteomic characterization of post-translational modifications in drug discovery. ○
- 6 Machine Learning Modeling of Protein-intrinsic Features Predicts Tractability of Targeted Protein Degradation. **2022**, ○
- 5 Pevonedistat, a Nedd8-activating enzyme inhibitor, in combination with ibrutinib in patients with relapsed/refractory B-cell non-Hodgkin lymphoma. **2023**, 13, ○
- 4 MEKs/ERKs-mediated FBXO1/E2Fs interaction interference modulates G1/S cell cycle transition and cancer cell proliferation. **2023**, 46, 44-58 ○
- 3 The ER membrane protein complex governs lysosomal turnover of a mitochondrial tail-anchored protein, BNIP3, to restrict mitophagy. ○
- 2 Reinstating targeted protein degradation with DCAF1 PROTACs in CRBN PROTAC resistant settings. ○
- 1 Regulation of Cell Proliferation and Nrf2-Mediated Antioxidant Defense: Conservation of Keap1 Cysteines and Nrf2 Binding Site in the Context of the Evolution of KLHL Family. **2023**, 13, 1045 ○