

# CITATION REPORT

List of articles citing

## NEDD8 and ubiquitin ligation by cullin-RING E3 ligases

DOI: 10.1016/j.sbi.2020.10.007

Current Opinion in Structural Biology, 2021, 67, 101-109.

**Source:** <https://exaly.com/paper-pdf/77753073/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
54	Targeting neddylation E2s: a novel therapeutic strategy in cancer. <i>Journal of Hematology and Oncology</i> , <b>2021</b> , 14, 57	22.4	4
53	Cell cycle regulation by complex nanomachines. <i>FEBS Journal</i> , <b>2021</b> ,	5.7	2
52	Role of NEDD8 and neddylation dynamics in DNA damage response. <i>Genome Instability &amp; Disease</i> , <b>2021</b> , 2, 139-149	2.3	0
51	Targeting NEDDylation as a Novel Approach to Improve the Treatment of Head and Neck Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
50	An E3 ligase guide to the galaxy of small-molecule-induced protein degradation. <i>Cell Chemical Biology</i> , <b>2021</b> , 28, 1000-1013	8.2	12
49	TIMELESS-TIPIN and UBXN-3 promote replisome disassembly during DNA replication termination in <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , <b>2021</b> , 40, e108053	13	4
48	Reconstitution of human CMG helicase ubiquitylation by CUL2LRR1 and multiple E2 enzymes. <i>Biochemical Journal</i> , <b>2021</b> , 478, 2825-2842	3.8	1
47	Cullin-RING Ligases as Promising Targets for Gastric Carcinoma Treatment. <i>Pharmacological Research</i> , <b>2021</b> , 170, 105493	10.2	2
46	Structural basis of human transcription-DNA repair coupling. <i>Nature</i> , <b>2021</b> , 598, 368-372	50.4	5
45	CUL5-ARIH2 E3-E3 ubiquitin ligase structure reveals cullin-specific NEDD8 activation. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 1075-1083	11.7	2
44	MEKK1-Dependent Activation of the CRL4 Complex Is Important for DNA Damage-Induced Degradation of p21 and DDB2 and Cell Survival. <i>Molecular and Cellular Biology</i> , <b>2021</b> , 41, e0008121	4.8	1
43	Structural and functional consequences of NEDD8 phosphorylation. <i>Nature Communications</i> , <b>2021</b> , 12, 5939	17.4	2
42	Discovery of a cinnamyl piperidine derivative as new neddylation inhibitor for gastric cancer treatment. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 226, 113896	6.8	1
41	Identification and optimization of molecular glue compounds that inhibit a noncovalent E2 enzyme-ubiquitin complex. <i>Science Advances</i> , <b>2021</b> , 7, eabi5797	14.3	4
40	Modeling the CRL4A ligase complex to predict target protein ubiquitination induced by cereblon-recruiting PROTACs.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101653	5.4	3
39	Stress - Regulation of SUMO conjugation and of other Ubiquitin-Like Modifiers.. <i>Seminars in Cell and Developmental Biology</i> , <b>2022</b> ,	7.5	1
38	Non canonical scaffold-type ligase complex mediates protein UFMylation.		0

37	PROTAC targeted protein degraders: the past is prologue.. <i>Nature Reviews Drug Discovery</i> , <b>2022</b> ,	64.1	91
36	Co-adaptor driven assembly of a CUL3 E3 ligase complex.. <i>Molecular Cell</i> , <b>2022</b> , 82, 585-597.e11	17.6	1
35	Exercise mediates ubiquitin signalling in human skeletal muscle. <i>FASEB BioAdvances</i> ,	2.8	0
34	Molecular glues modulate protein functions by inducing protein aggregation: A promising therapeutic strategy of small molecules for disease treatment. <i>Acta Pharmaceutica Sinica B</i> , <b>2022</b> ,	15.5	0
33	Quality control of protein complex composition.. <i>Molecular Cell</i> , <b>2022</b> ,	17.6	2
32	A review on cullin neddylation and strategies to identify its inhibitors for cancer therapy.. <i>3 Biotech</i> , <b>2022</b> , 12, 103	2.8	
31	Recycling and Reshaping-E3 Ligases and DUBs in the Initiation of T Cell Receptor-Mediated Signaling and Response.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	
30	Sequence and structural variations determining the recruitment of WNK kinases to the KLHL3 E3 ligase.. <i>Biochemical Journal</i> , <b>2022</b> ,	3.8	1
29	Functional conservation and divergence of the helix-turn-helix motif of E2 ubiquitin-conjugating enzymes.. <i>EMBO Journal</i> , <b>2021</b> , e108823	13	0
28	Examining the mechanistic relationship of APC / C CDH1 and its interphase inhibitor EMI1. <i>Protein Science</i> , <b>2022</b> , 31,	6.3	1
27	Chemoproteomics-Enabled Discovery of a Covalent Molecular Glue Degradator Targeting NF- $\kappa$ B.		1
26	Neddylation is Required for Perinatal Cardiac Development Through Stimulation of Metabolic Maturation. <i>SSRN Electronic Journal</i> ,	1	
25	FBXO38 Ubiquitin Ligase Controls Sertoli Cell Maturation. <i>Frontiers in Cell and Developmental Biology</i> , 10,	5.7	0
24	The importance of cellular degradation kinetics for understanding mechanisms in targeted protein degradation. <i>Chemical Society Reviews</i> , <b>2022</b> , 51, 6210-6221	58.5	0
23	Light regulates the degradation of the regulatory protein VE-1 in the fungus <i>Neurospora crassa</i> . <i>BMC Biology</i> , <b>2022</b> , 20,	7.3	1
22	The C-terminal tail of CSNAP attenuates the CSN complex.		
21	CAND1 is required for pollen viability in <i>Arabidopsis thaliana</i> test of the adaptive exchange hypothesis. 13,		
20	Insight into Viral Hijacking of CRL4 Ubiquitin Ligase through Structural Analysis of the pUL145-DDB1 Complex.		1

- 19 Poor maternal diet during gestation alters offspring muscle proteome in sheep. **2022**, 100, ○
- 18 Homeodomain-less MEIS1 suppresses CUL3-dependent ATOH1 degradation to regulate cerebellar granule cell development. ○
- 17 A novel uterine leiomyoma subtype exhibits NRF2 activation and mutations in genes associated with neddylation of the Cullin 3-RING E3 ligase. **2022**, 11, ○
- 16 Protein Synthesis/Degradation: Protein Degradation [Intracellular Ubiquitin, Ubiquitin-Like Proteins, and Proteasome-Mediated Degradation]. **2022**, ○
- 15 Adaptive exchange sustains cullinRING ubiquitin ligase networks and proper licensing of DNA replication. **2022**, 119, ○
- 14 A non-canonical scaffold-type E3 ligase complex mediates protein UFMylation. ○
- 13 Role of circRNA in E3 Modification under Human Disease. **2022**, 12, 1320 ○
- 12 Regulation of Host-Pathogen Interactions via the Ubiquitin System. **2022**, 76, 211-233 ○
- 11 A tissue-specific ubiquitin switch coordinates brain, craniofacial, and skin development. ○
- 10 Ubiquitin Proteasome Gene Signatures in Ependymoma Molecular Subtypes. **2022**, 23, 12330 ○
- 9 Activities and binding partners of E3 ubiquitin ligase DTX3L and its roles in cancer. **2022**, 50, 1683-1692 ○
- 8 Immunoprecipitation of CullinRing Ligases (CRLs) in Arabidopsis thaliana Seedlings. **2023**, 31-42 ○
- 7 Activity-based profiling of cullin-RING ligase networks by conformation-specific probes. ○
- 6 Higher-order SPOP assembly reveals a basis for cancer mutant dysregulation. **2023**, ○
- 5 Neddylation is required for perinatal cardiac development through stimulation of metabolic maturation. **2023**, 42, 112018 ○
- 4 Review: A silent concert in developing plants: Dynamic assembly of cullin-RING ubiquitin ligases. **2023**, 330, 111662 ○
- 3 Chemoproteomics-enabled discovery of a covalent molecular glue degrader targeting NF- $\kappa$ B. **2023**, 30, 394-402.e9 1
- 2 FBXO11 amplifies type I interferon signaling to exert antiviral effects by facilitating the assemble of TRAF3[IKK1IKK3] complex. **2023**, 95, ○

1 Discovery of Nanomolar DCAF1 Small Molecule Ligands. **2023**, 66, 5041-5060

o