

# Daniel C Scott

## List of Publications by Year in descending order

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24  
papers

2,548  
citations

516561

16  
h-index

642610

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2973  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Insights into NEDD8 Activation of Cullin-RING Ligases: Conformational Control of Conjugation. <i>Cell</i> , 2008, 134, 995-1006.	13.5	659
2	Cancer Mutations of the Tumor Suppressor SPOP Disrupt the Formation of Active, Phase-Separated Compartments. <i>Molecular Cell</i> , 2018, 72, 19-36.e8.	4.5	286
3	N-Terminal Acetylation Acts as an Avidity Enhancer Within an Interconnected Multiprotein Complex. <i>Science</i> , 2011, 334, 674-678.	6.0	248
4	E2-RING Expansion of the NEDD8 Cascade Confers Specificity to Cullin Modification. <i>Molecular Cell</i> , 2009, 33, 483-495.	4.5	228
5	Two Distinct Types of E3 Ligases Work in Unison to Regulate Substrate Ubiquitylation. <i>Cell</i> , 2016, 166, 1198-1214.e24.	13.5	172
6	Structure of a RING E3 Trapped in Action Reveals Ligation Mechanism for the Ubiquitin-like Protein NEDD8. <i>Cell</i> , 2014, 157, 1671-1684.	13.5	163
7	Structural Basis for a Reciprocal Regulation between SCF and CSN. <i>Cell Reports</i> , 2012, 2, 616-627.	2.9	145
8	Structural Conservation of Distinctive N-terminal Acetylation-Dependent Interactions across a Family of Mammalian NEDD8 Ligation Enzymes. <i>Structure</i> , 2013, 21, 42-53.	1.6	101
9	Ubiquitin ligation to F-box protein targets by SCF-RBR E3 super-assembly. <i>Nature</i> , 2021, 590, 671-676.	13.7	97
10	A Dual E3 Mechanism for Rub1 Ligation to Cdc53. <i>Molecular Cell</i> , 2010, 39, 784-796.	4.5	93
11	NEDD8 and ubiquitin ligation by cullin-RING E3 ligases. <i>Current Opinion in Structural Biology</i> , 2021, 67, 101-109.	2.6	92
12	Blocking an N-terminal acetylation-dependent protein interaction inhibits an E3 ligase. <i>Nature Chemical Biology</i> , 2017, 13, 850-857.	3.9	80
13	Discovery of an Orally Bioavailable Inhibitor of Defective in Cullin Neddylation 1 (DCN1)-Mediated Cullin Neddylation. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2694-2706.	2.9	41
14	Robust cullin-RING ligase function is established by a multiplicity of poly-ubiquitylation pathways. <i>ELife</i> , 2019, 8, .	2.8	36
15	Piperidinyl Ureas Chemically Control Defective in Cullin Neddylation 1 (DCN1)-Mediated Cullin Neddylation. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2680-2693.	2.9	34
16	Discovery of Novel Pyrazolo-pyridone DCN1 Inhibitors Controlling Cullin Neddylation. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8429-8442.	2.9	24
17	FBXO11-mediated proteolysis of BAHD1 relieves PRC2-dependent transcriptional repression in erythropoiesis. <i>Blood</i> , 2021, 137, 155-167.	0.6	22
18	Conformational rearrangements in the N-domain of Escherichia coli FepA during ferric enterobactin transport. <i>Journal of Biological Chemistry</i> , 2020, 295, 4974-4984.	1.6	8

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19	Improvement of Oral Bioavailability of Pyrazolo-Pyridone Inhibitors of the Interaction of DCN1/2 and UBE2M. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5850-5862.	2.9	8
20	Dual-color pulse-chase ubiquitination assays to simultaneously monitor substrate priming and extension. <i>Methods in Enzymology</i> , 2019, 618, 29-48.	0.4	4
21	SCF E3 Ligase Substrates Switch from CAN-D to Can-ubiquitylate. <i>Molecular Cell</i> , 2018, 69, 721-723.	4.5	3
22	The NEDD8 E3 ligase DCNL5 is phosphorylated by IKK alpha during Toll-like receptor activation. <i>PLoS ONE</i> , 2018, 13, e0199197.	1.1	2
23	Regulation of Cullin-RING E3 ligase dynamics by Inositol hexakisphosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6292-6294.	3.3	2
24	FBXO11 Activates Erythroid Gene Transcription By Degrading Heterochromatin-Associated Protein BAHD1. <i>Blood</i> , 2018, 132, 529-529.	0.6	0