Daniel C Scott

List of Publications by Year
in descending order

24 papers	2,548 citations	516710 16 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	2973 citing authors

#	Article	IF	Citations
1	FBXO11-mediated proteolysis of BAHD1 relieves PRC2-dependent transcriptional repression in erythropoiesis. Blood, 2021, 137, 155-167.	1.4	22
2	NEDD8 and ubiquitin ligation by cullin-RING E3 ligases. Current Opinion in Structural Biology, 2021, 67, 101-109.	5.7	92
3	Ubiquitin ligation to F-box protein targets by SCFâ€“RBR E3â€“E3 super-assembly. Nature, 2021, 590, 671-676.	27.8	97
4	Improvement of Oral Bioavailability of Pyrazolo-Pyridone Inhibitors of the Interaction of DCN1/2 and UBE2M. Journal of Medicinal Chemistry, 2021, 64, 5850-5862.	6.4	8
5	Conformational rearrangements in the N-domain of Escherichia coli FepA during ferric enterobactin transport. Journal of Biological Chemistry, 2020, 295, 4974-4984.	3.4	8
6	Regulation of Cullin-RING E3 ligase dynamics by Inositol hexakisphosphate. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6292-6294.	7.1	2
7	Discovery of Novel Pyrazolo-pyridone DCN1 Inhibitors Controlling Cullin Neddylation. Journal of Medicinal Chemistry, 2019, 62, 8429-8442.	6.4	24
8	Dual-color pulse-chase ubiquitination assays to simultaneously monitor substrate priming and extension. Methods in Enzymology, 2019, 618, 29-48.	1.0	4
9	Robust cullin-RING ligase function is established by a multiplicity of poly-ubiquitylation pathways. ELife, 2019, 8, .	6.0	36
10	SCF E3 Ligase Substrates Switch from CAN-D to Can-ubiquitylate. Molecular Cell, 2018, 69, 721-723.	9.7	3
11	Piperidinyl Ureas Chemically Control Defective in Cullin Neddylation 1 (DCN1)-Mediated Cullin Neddylation. Journal of Medicinal Chemistry, 2018, 61, 2680-2693.	6.4	34
12	Discovery of an Orally Bioavailable Inhibitor of Defective in Cullin Neddylation 1 (DCN1)-Mediated Cullin Neddylation. Journal of Medicinal Chemistry, 2018, 61, 2694-2706.	6.4	41
13	Cancer Mutations of the Tumor Suppressor SPOP Disrupt the Formation of Active, Phase-Separated Compartments. Molecular Cell, 2018, 72, 19-36.e8.	9.7	286
14	The NEDD8 E3 ligase DCNL5 is phosphorylated by IKK alpha during Toll-like receptor activation. PLoS ONE, 2018, 13, e0199197.	2.5	2
15	FBXO11 Activates Erythroid Gene Transcription By Degrading Heterochromatin-Associated Protein BAHD1. Blood, 2018, 132, 529-529.	1.4	0
16	Blocking an N-terminal acetylationâ€“dependent protein interaction inhibits an E3 ligase. Nature Chemical Biology, 2017, 13, 850-857.	8.0	80
17	Two Distinct Types of E3 Ligases Work in Unison to Regulate Substrate Ubiquitylation. Cell, 2016, 166, 1198-1214.e24.	28.9	172
18	Structure of a RING E3 Trapped in Action Reveals Ligation Mechanism for the Ubiquitin-like Protein NEDD8. Cell, 2014, 157, 1671-1684.	28.9	163

#	Article	IF	Citations
19	Structural Conservation of Distinctive N-terminal Acetylation-Dependent Interactions across a Family of Mammalian NEDD8 Ligation Enzymes. Structure, 2013, 21, 42-53.	3.3	101
20	Structural Basis for a Reciprocal Regulation between SCF and CSN. Cell Reports, 2012, 2, 616-627.	6.4	145
21	N-Terminal Acetylation Acts as an Avidity Enhancer Within an Interconnected Multiprotein Complex. Science, 2011, 334, 674-678.	12.6	248
22	A Dual E3 Mechanism for Rub1 Ligation to Cdc53. Molecular Cell, 2010, 39, 784-796.	9.7	93
23	E2-RING Expansion of the NEDD8 Cascade Confers Specificity to Cullin Modification. Molecular Cell, 2009, 33, 483-495.	9.7	228
24	Structural Insights into NEDD8 Activation of Cullin-RING Ligases: Conformational Control of Conjugation. Cell, 2008, 134, 995-1006.	28.9	659