

# Daniel Finley

## List of Publications by Year in descending order

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64  
papers

10,011  
citations

117453

34  
h-index

133063

59  
g-index

70  
all docs

70  
docs citations

70  
times ranked

10359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allosteric control of Ubp6 and the proteasome via a bidirectional switch. <i>Nature Communications</i> , 2022, 13, 838.	5.8	15
2	USP14-regulated allostery of the human proteasome by time-resolved cryo-EM. <i>Nature</i> , 2022, 605, 567-574.	13.7	38
3	Membrane skeleton modulates erythroid proteome remodeling and organelle clearance. <i>Blood</i> , 2021, 137, 398-409.	0.6	11
4	Maternal Iron Deficiency Modulates Placental Transcriptome and Proteome in Mid-Gestation of Mouse Pregnancy. <i>Journal of Nutrition</i> , 2021, 151, 1073-1083.	1.3	16
5	Structures of chaperone-associated assembly intermediates reveal coordinated mechanisms of proteasome biogenesis. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 418-425.	3.6	29
6	ALS/FTD mutations in UBQLN2 are linked to mitochondrial dysfunction through loss-of-function in mitochondrial protein import. <i>Human Molecular Genetics</i> , 2021, 30, 1230-1246.	1.4	10
7	Global proteomics of Ubqln2-based murine models of ALS. <i>Journal of Biological Chemistry</i> , 2021, 296, 100153.	1.6	17
8	The Proteasome and Its Network: Engineering for Adaptability. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a033985.	2.3	49
9	N-Terminal Ubiquitination of Amyloidogenic Proteins Triggers Removal of Their Oligomers by the Proteasome Holoenzyme. <i>Journal of Molecular Biology</i> , 2020, 432, 585-596.	2.0	28
10	Ubiquitin Linkage Specificity of Deubiquitinases Determines Cyclophilin Nuclear Localization and Degradation. <i>IScience</i> , 2020, 23, 100984.	1.9	5
11	ALS/FTD mutations in UBQLN2 impede autophagy by reducing autophagosome acidification through loss of function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15230-15241.	3.3	53
12	Chromatin accessibility promotes hematopoietic and leukemia stem cell activity. <i>Nature Communications</i> , 2020, 11, 1406.	5.8	32
13	Amplifiers co-translationally enhance CFTR biosynthesis via PCBP1-mediated regulation of CFTR mRNA. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 733-741.	0.3	35
14	The proteasome 19S cap and its ubiquitin receptors provide a versatile recognition platform for substrates. <i>Nature Communications</i> , 2020, 11, 477.	5.8	101
15	A General <i>in Vitro</i> Assay for Studying Enzymatic Activities of the Ubiquitin System. <i>Biochemistry</i> , 2020, 59, 851-861.	1.2	6
16	Filamentous Aggregates Are Fragmented by the Proteasome Holoenzyme. <i>Cell Reports</i> , 2019, 26, 2140-2149.e3.	2.9	43
17	Thiol-based direct threat sensing by the stress-activated protein kinase Hog1. <i>Science Signaling</i> , 2019, 12, .	1.6	10
18	Cryo-EM structures and dynamics of substrate-engaged human 26S proteasome. <i>Nature</i> , 2019, 565, 49-55.	13.7	264

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19	The deubiquitinating enzyme Usp14 controls ciliogenesis and Hedgehog signaling. <i>Human Molecular Genetics</i> , 2019, 28, 764-777.	1.4	25
20	The Biochemical Program of Extreme Terminal Differentiation. <i>FASEB Journal</i> , 2019, 33, .	0.2	0
21	Nucleotide-dependent switch in proteasome assembly mediated by the Nas6 chaperone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1548-1553.	3.3	22
22	Multi-omics analysis identifies ATF4 as a key regulator of the mitochondrial stress response in mammals. <i>Journal of Cell Biology</i> , 2017, 216, 2027-2045.	2.3	590
23	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , 2017, 27, 657-674.	5.7	143
24	An inhibitor of the proteasomal deubiquitinating enzyme USP14 induces tau elimination in cultured neurons. <i>Journal of Biological Chemistry</i> , 2017, 292, 19209-19225.	1.6	98
25	Meddling with Fate: The Proteasomal Deubiquitinating Enzymes. <i>Journal of Molecular Biology</i> , 2017, 429, 3525-3545.	2.0	99
26	Conformational Landscape of the p28-Bound Human Proteasome Regulatory Particle. <i>Molecular Cell</i> , 2017, 67, 322-333.e6.	4.5	35
27	UBE2O remodels the proteome during terminal erythroid differentiation. <i>Science</i> , 2017, 357, .	6.0	121
28	Ubiquilin1 promotes antigen-receptor mediated proliferation by eliminating mislocalized mitochondrial proteins. <i>ELife</i> , 2017, 6, .	2.8	37
29	Open-gate mutants of the mammalian proteasome show enhanced ubiquitin-conjugate degradation. <i>Nature Communications</i> , 2016, 7, 10963.	5.8	82
30	USP14 deubiquitinates proteasome-bound substrates that are ubiquitinated at multiple sites. <i>Nature</i> , 2016, 532, 398-401.	13.7	150
31	Rpn1 provides adjacent receptor sites for substrate binding and deubiquitination by the proteasome. <i>Science</i> , 2016, 351, .	6.0	234
32	Gates, Channels, and Switches: Elements of the Proteasome Machine. <i>Trends in Biochemical Sciences</i> , 2016, 41, 77-93.	3.7	223
33	Phosphorylation and activation of ubiquitin-specific protease-14 by Akt regulates the ubiquitin-proteasome system. <i>ELife</i> , 2015, 4, e10510.	2.8	84
34	K63 polyubiquitination is a new modulator of the oxidative stress response. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 116-123.	3.6	162
35	Substrate degradation by the proteasome: A single-molecule kinetic analysis. <i>Science</i> , 2015, 348, 1250834.	6.0	188
36	Proteasomes Associated with the Blm10 Activator Protein Antagonize Mitochondrial Fission through Degradation of the Fission Protein Dnm1. <i>Journal of Biological Chemistry</i> , 2014, 289, 12145-12156.	1.6	32

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37	Sculpting the proteome with small molecules. <i>Nature Chemical Biology</i> , 2014, 10, 870-874.	3.9	10
38	Ubiquitylation of Autophagy Receptor Optineurin by HACE1 Activates Selective Autophagy for Tumor Suppression. <i>Cancer Cell</i> , 2014, 26, 106-120.	7.7	198
39	S3-02-04: Developing Usp14 inhibitors as disease-modifying therapeutics for protein aggregation diseases. , 2013, 9, P512-P513.		0
40	Inhibition of Usp14 Stimulates the Proteolytic Degradation and Clearance of Misfolded Proteins Associated with Neurodegenerative Diseases. <i>FASEB Journal</i> , 2013, 27, lb131.	0.2	2
41	Regulation of the proteasome by ubiquitin chain editing. <i>FASEB Journal</i> , 2013, 27, 86.3.	0.2	0
42	APC/C-mediated multiple monoubiquitylation provides an alternative degradation signal for cyclin B1. <i>Nature Cell Biology</i> , 2012, 14, 168-176.	4.6	125
43	Binding of Ubiquitin Conjugates to Proteasomes as Visualized with Native Gels. <i>Methods in Molecular Biology</i> , 2012, 832, 403-422.	0.4	8
44	The Ubiquitin-Proteasome System of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2012, 192, 319-360.	1.2	360
45	Enhancement of proteasome activity by a small-molecule inhibitor of USP14. <i>Nature</i> , 2010, 467, 179-184.	13.7	795
46	Recognition and Processing of Ubiquitin-Protein Conjugates by the Proteasome. <i>Annual Review of Biochemistry</i> , 2009, 78, 477-513.	5.0	1,493
47	Structural Insights into the Regulatory Particle of the Proteasome from <i>Methanocaldococcus jannaschii</i> . <i>Molecular Cell</i> , 2009, 34, 473-484.	4.5	159
48	Regulation of Substrate Processing by the Proteasome. <i>FASEB Journal</i> , 2009, 23, 431.1.	0.2	0
49	A Ubiquitin Stress Response Induces Altered Proteasome Composition. <i>Cell</i> , 2007, 129, 747-759.	13.5	175
50	A Proteomic Strategy for Quantifying Polyubiquitin Chain Topologies. <i>Israel Journal of Chemistry</i> , 2006, 46, 171-182.	1.0	20
51	Deubiquitinating Enzyme Ubp6 Functions Noncatalytically to Delay Proteasomal Degradation. <i>Cell</i> , 2006, 127, 99-111.	13.5	316
52	Ubiquitin Chains Are Remodeled at the Proteasome by Opposing Ubiquitin Ligase and Deubiquitinating Activities. <i>Cell</i> , 2006, 127, 1401-1413.	13.5	280
53	Purification of Proteasomes, Proteasome Subcomplexes, and Proteasome-Associated Proteins From Budding Yeast. , 2005, 301, 057-070.		98
54	Ubiquitin as a central cellular regulator. <i>Cell</i> , 2004, 116, S29-S34.	13.5	113

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55	Multiple Associated Proteins Regulate Proteasome Structure and Function. <i>Molecular Cell</i> , 2002, 10, 495-507.	4.5	579
56	An alternative to destruction. <i>Nature</i> , 2001, 412, 283-285.	13.7	10
57	A gated channel into the proteasome core particle. <i>Nature Structural Biology</i> , 2000, 7, 1062-1067.	9.7	722
58	Cell Cycle-Regulated Modification of the Ribosome by a Variant Multiubiquitin Chain. <i>Cell</i> , 2000, 102, 67-76.	13.5	347
59	The base of the proteasome regulatory particle exhibits chaperone-like activity. <i>Nature Cell Biology</i> , 1999, 1, 221-226.	4.6	451
60	Structure and functional analysis of the 26S proteasome subunits from plants. <i>Molecular Biology Reports</i> , 1999, 26, 137-146.	1.0	48
61	Functional analysis of the proteasome regulatory particle. <i>Molecular Biology Reports</i> , 1999, 26, 21-28.	1.0	97
62	ATPase and ubiquitin-binding proteins of the yeast proteasome. <i>Molecular Biology Reports</i> , 1997, 24, 17-26.	1.0	22
63	Dynamics of Ubiquitin Conjugation during Erythroid Differentiation in Vitro. <i>Journal of Biological Chemistry</i> , 1995, 270, 9507-9516.	1.6	25
64	MHC-linked LMP gene products specifically alter peptidase activities of the proteasome. <i>Nature</i> , 1993, 365, 262-264.	13.7	469