

Derek F Ceccarelli

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,521
citations

257450

24
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

6565
citing authors

#	ARTICLE	IF	CITATIONS
1	Bipartite binding of the N terminus of Skp2 to cyclin A. <i>Structure</i> , 2021, 29, 975-988.e5.	3.3	2
2	Identification and optimization of molecular glue compounds that inhibit a noncovalent E2 enzyme-ubiquitin complex. <i>Science Advances</i> , 2021, 7, eabi5797.	10.3	17
3	Structural and Functional Analysis of Ubiquitin-based Inhibitors That Target the Backsides of E2 Enzymes. <i>Journal of Molecular Biology</i> , 2020, 432, 952-966.	4.2	22
4	Persistence of serum and saliva antibody responses to SARS-CoV-2 spike antigens in COVID-19 patients. <i>Science Immunology</i> , 2020, 5, .	11.9	714
5	Functional characterization of a PROTAC directed against BRAF mutant V600E. <i>Nature Chemical Biology</i> , 2020, 16, 1170-1178.	8.0	80
6	A substrate binding model for the KEOPS tRNA modifying complex. <i>Nature Communications</i> , 2020, 11, 6233.	12.8	21
7	FAM105A/OTULINL Is a Pseudodeubiquitinase of the OTU-Class that Localizes to the ER Membrane. <i>Structure</i> , 2019, 27, 1000-1012.e6.	3.3	10
8	Monoubiquitination of ASXLs controls the deubiquitinase activity of the tumor suppressor BAP1. <i>Nature Communications</i> , 2018, 9, 4385.	12.8	35
9	Higher-Order Assembly of BRCC36-KIAA0157 Is Required for DUB Activity and Biological Function. <i>Molecular Cell</i> , 2015, 59, 970-983.	9.7	44
10	Dimeric Structure of Pseudokinase RNase L Bound to 2-5A Reveals a Basis for Interferon-Induced Antiviral Activity. <i>Molecular Cell</i> , 2014, 53, 221-234.	9.7	123
11	E2 enzyme inhibition by stabilization of a low-affinity interface with ubiquitin. <i>Nature Chemical Biology</i> , 2014, 10, 156-163.	8.0	81
12	Structural basis of Rad53 kinase activation by dimerization and activation segment exchange. <i>Cellular Signalling</i> , 2014, 26, 1825-1836.	3.6	16
13	The linear ubiquitin-specific deubiquitinase gumbly regulates angiogenesis. <i>Nature</i> , 2013, 498, 318-324.	27.8	234
14	STK25 Protein Mediates TrkA and CCM2 Protein-dependent Death in Pediatric Tumor Cells of Neural Origin. <i>Journal of Biological Chemistry</i> , 2012, 287, 29285-29289.	3.4	21
15	OTUB1 Co-opts Lys48-Linked Ubiquitin Recognition to Suppress E2 Enzyme Function. <i>Molecular Cell</i> , 2012, 45, 384-397.	9.7	174
16	Structural basis for specificity of TGF β family receptor small molecule inhibitors. <i>Cellular Signalling</i> , 2012, 24, 476-483.	3.6	50
17	Cleavage Furrow Organization Requires PIP2-Mediated Recruitment of Anillin. <i>Current Biology</i> , 2012, 22, 64-69.	3.9	104
18	An Allosteric Inhibitor of the Human Cdc34 Ubiquitin-Conjugating Enzyme. <i>Cell</i> , 2011, 145, 1075-1087.	28.9	203

#	ARTICLE	IF	CITATIONS
19	CCM3/PDCD10 Heterodimerizes with Germinal Center Kinase III (GCKIII) Proteins Using a Mechanism Analogous to CCM3 Homodimerization. <i>Journal of Biological Chemistry</i> , 2011, 286, 25056-25064.	3.4	67
20	Structure-Function Analysis of Core STRIPAK Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 25065-25075.	3.4	136
21	Dissecting BAR Domain Function in the Yeast Amphiphysins Rvs161 and Rvs167 during Endocytosis. <i>Molecular Biology of the Cell</i> , 2010, 21, 3054-3069.	2.1	73
22	Grb-ing hold of insulin signaling. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 803-804.	8.2	1
23	Unraveling the Tail of How SRPK1 Phosphorylates ASF/SF2. <i>Molecular Cell</i> , 2008, 29, 535-537.	9.7	5
24	The Skap-hom Dimerization and PH Domains Comprise a Ca^{2+} -Phosphoinositide-Gated Molecular Switch. <i>Molecular Cell</i> , 2008, 32, 564-575.	9.7	48
25	Atomic Structure of the KEOPS Complex: An Ancient Protein Kinase-Containing Molecular Machine. <i>Molecular Cell</i> , 2008, 32, 259-275.	9.7	87
26	Spatial and Temporal Regulation of Focal Adhesion Kinase Activity in Living Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 201-214.	2.3	157
27	Non-canonical Interaction of Phosphoinositides with Pleckstrin Homology Domains of Tiam1 and ArhGAP9. <i>Journal of Biological Chemistry</i> , 2007, 282, 13864-13874.	3.4	88
28	Conformational instability of the MARK3 UBA domain compromises ubiquitin recognition and promotes interaction with the adjacent kinase domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14336-14341.	7.1	52
29	Suprafacial Orientation of the SCFCdc4 Dimer Accommodates Multiple Geometries for Substrate Ubiquitination. <i>Cell</i> , 2007, 129, 1165-1176.	28.9	189
30	Structural Basis for the Autoinhibition of Focal Adhesion Kinase. <i>Cell</i> , 2007, 129, 1177-1187.	28.9	379
31	Structural and Functional Analysis of <i>Saccharomyces cerevisiae</i> Mob1. <i>Journal of Molecular Biology</i> , 2006, 362, 430-440.	4.2	41
32	I Siah Substrate!. <i>Structure</i> , 2006, 14, 627-628.	3.3	1
33	Crystal Structure of the FERM Domain of Focal Adhesion Kinase. <i>Journal of Biological Chemistry</i> , 2006, 281, 252-259.	3.4	108
34	The DNA segregation mechanism of Epstein-Barr virus nuclear antigen 1. <i>EMBO Reports</i> , 2000, 1, 140-144.	4.5	96
35	Fusion of influenza to liposomes is not inhibited by aliphatic primary alcohols. <i>Bioscience Reports</i> , 1994, 14, 33-42.	2.4	1