Derek F Ceccarelli

List of Publications by Year
in descending order

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	Persistence of serum and saliva antibody responses to SARS-CoV-2 spike antigens in COVID-19 patients. Science Immunology, 2020, 5, .	11.9	714
2	Structural Basis for the Autoinhibition of Focal Adhesion Kinase. Cell, 2007, 129, 1177-1187.	28.9	379
3	The linear ubiquitin-specific deubiquitinase gumby regulates angiogenesis. Nature, 2013, 498, 318-324.	27.8	234
4	An Allosteric Inhibitor of the Human Cdc34âUbiquitin-Conjugating Enzyme. Cell, 2011, 145, 1075-1087.	28.9	203
5	Suprafacial Orientation of the SCFCdc4 Dimer Accommodates Multiple Geometries for Substrate Ubiquitination. Cell, 2007, 129, 1165-1176.	28.9	189
6	OTUB1 Co-opts Lys48-Linked Ubiquitin Recognition to Suppress E2 Enzyme Function. Molecular Cell, 2012, 45, 384-397.	9.7	174
7	Spatial and Temporal Regulation of Focal Adhesion Kinase Activity in Living Cells. Molecular and Cellular Biology, 2008, 28, 201-214.	2.3	157
8	Structure-Function Analysis of Core STRIPAK Proteins. Journal of Biological Chemistry, 2011, 286, 25065-25075.	3.4	136
9	Dimeric Structure of Pseudokinase RNase L Bound to 2-5A Reveals a Basis for Interferon-Induced Antiviral Activity. Molecular Cell, 2014, 53, 221-234.	9.7	123
10	Crystal Structure of the FERM Domain of Focal Adhesion Kinase. Journal of Biological Chemistry, 2006, 281, 252-259.	3.4	108
11	Cleavage Furrow Organization Requires PIP2-Mediated Recruitment of Anillin. Current Biology, 2012, 22, 64-69.	3.9	104
12	The DNA segregation mechanism of Epsteinâ€“Barr virus nuclear antigen 1. EMBO Reports, 2000, 1, 140-144.	4.5	96
13	Non-canonical Interaction of Phosphoinositides with Pleckstrin Homology Domains of Tiam1 and ArhGAP9. Journal of Biological Chemistry, 2007, 282, 13864-13874.	3.4	88
14	Atomic Structure of the KEOPS Complex: An Ancient Protein Kinase-Containing Molecular Machine. Molecular Cell, 2008, 32, 259-275.	9.7	87
15	E2 enzyme inhibition by stabilization of a low-affinity interface with ubiquitin. Nature Chemical Biology, 2014, 10, 156-163.	8.0	81
16	Functional characterization of a PROTAC directed against BRAF mutant V600E. Nature Chemical Biology, 2020, 16, 1170-1178.	8.0	80
17	Dissecting BAR Domain Function in the Yeast Amphiphysins Rvs161 and Rvs167 during Endocytosis. Molecular Biology of the Cell, 2010, 21, 3054-3069.	2.1	73
18	CCM3/PDCD10 Heterodimerizes with Germinal Center Kinase III (GCKIII) Proteins Using a Mechanism Analogous to CCM3 Homodimerization. Journal of Biological Chemistry, 2011, 286, 25056-25064.	3.4	67

#	Article	IF	Citations
19	Conformational instability of the MARK3 UBA domain compromises ubiquitin recognition and promotes interaction with the adjacent kinase domain. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14336-14341.	7.1	52
20	Structural basis for specificity of TGFÎ² family receptor small molecule inhibitors. Cellular Signalling, 2012, 24, 476-483.	3.6	50
21	The Skap-hom Dimerization and PH Domains Comprise a 3â€²-Phosphoinositide-Gated Molecular Switch. Molecular Cell, 2008, 32, 564-575.	9.7	48
22	Higher-Order Assembly of BRCC36â€“KIAA0157 Is Required for DUB Activity and Biological Function. Molecular Cell, 2015, 59, 970-983.	9.7	44
23	Structural and Functional Analysis of Saccharomyces cerevisiae Mob1. Journal of Molecular Biology, 2006, 362, 430-440.	4.2	41
24	Monoubiquitination of ASXLs controls the deubiquitinase activity of the tumor suppressor BAP1. Nature Communications, 2018, 9, 4385.	12.8	35
25	Structural and Functional Analysis of Ubiquitin-based Inhibitors That Target the Backsides of E2 Enzymes. Journal of Molecular Biology, 2020, 432, 952-966.	4.2	22
26	STK25 Protein Mediates TrkA and CCM2 Protein-dependent Death in Pediatric Tumor Cells of Neural Origin. Journal of Biological Chemistry, 2012, 287, 29285-29289.	3.4	21
27	A substrate binding model for the KEOPS tRNA modifying complex. Nature Communications, 2020, 11, 6233.	12.8	21
28	Identification and optimization of molecular glue compounds that inhibit a noncovalent E2 enzymeâ€“ubiquitin complex. Science Advances, 2021, 7, eabi5797.	10.3	17
29	Structural basis of Rad53 kinase activation by dimerization and activation segment exchange. Cellular Signalling, 2014, 26, 1825-1836.	3.6	16
30	FAM105A/OTULINL Is a Pseudodeubiquitinase of the OTU-Class that Localizes to the ER Membrane. Structure, 2019, 27, 1000-1012.e6.	3.3	10
31	â€œUnraveling the Tailâ€•of How SRPK1 Phosphorylates ASF/SF2. Molecular Cell, 2008, 29, 535-537.	9.7	5
32	Bipartite binding of the N terminus of Skp2 to cyclin A. Structure, 2021, 29, 975-988.e5.	3.3	2
33	Fusion of influenza to liposomes is not inhibited by aliphatic primary alcohols. Bioscience Reports, 1994, 14, 33-42.	2.4	1
34	I Siah Substrate!. Structure, 2006, 14, 627-628.	3.3	1
35	Grb-ing hold of insulin signaling. Nature Structural and Molecular Biology, 2009, 16, 803-804.	8.2	1