

Boris Pfander

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

4,606
citations

17
h-index

48
g-index

48
ext. papers

5,182
ext. citations

14.6
avg, IF

5.51
L-index

#	Paper	IF	Citations
40	RAD6-dependent DNA repair is linked to modification of PCNA by ubiquitin and SUMO. <i>Nature</i> , 2002 , 419, 135-41	50.4	1728
39	PCNA, the maestro of the replication fork. <i>Cell</i> , 2007 , 129, 665-79	56.2	1307
38	SUMO-modified PCNA recruits Srs2 to prevent recombination during S phase. <i>Nature</i> , 2005 , 436, 428-33	50.4	487
37	PCNA controls establishment of sister chromatid cohesion during S phase. <i>Molecular Cell</i> , 2006 , 23, 723-32	37.6	215
36	Control of Rad52 recombination activity by double-strand break-induced SUMO modification. <i>Nature Cell Biology</i> , 2006 , 8, 1284-90	23.4	150
35	Dpb11 coordinates Mec1 kinase activation with cell cycle-regulated Rad9 recruitment. <i>EMBO Journal</i> , 2011 , 30, 4897-907	13	88
34	Elg1, an alternative subunit of the RFC clamp loader, preferentially interacts with SUMOylated PCNA. <i>EMBO Journal</i> , 2010 , 29, 2611-22	13	76
33	In-cell architecture of the nuclear pore and snapshots of its turnover. <i>Nature</i> , 2020 , 586, 796-800	50.4	71
32	A cell cycle-regulated Slx4-Dpb11 complex promotes the resolution of DNA repair intermediates linked to stalled replication. <i>Genes and Development</i> , 2014 , 28, 1604-19	12.6	70
31	Selective autophagy degrades nuclear pore complexes. <i>Nature Cell Biology</i> , 2020 , 22, 159-166	23.4	48
30	Dbf4-dependent kinase and the Rtt107 scaffold promote Mus81-Mms4 resolvase activation during mitosis. <i>EMBO Journal</i> , 2017 , 36, 664-678	13	41
29	The INO80 Complex Removes H2A.Z to Promote Presynaptic Filament Formation during Homologous Recombination. <i>Cell Reports</i> , 2017 , 19, 1294-1303	10.6	39
28	Targeting of the Fun30 nucleosome remodeller by the Dpb11 scaffold facilitates cell cycle-regulated DNA end resection. <i>ELife</i> , 2017 , 6,	8.9	34
27	A Selective Autophagy Pathway for Phase-Separated Endocytic Protein Deposits. <i>Molecular Cell</i> , 2020 , 80, 764-778.e7	17.6	33
26	Human Holliday junction resolvase GEN1 uses a chromodomain for efficient DNA recognition and cleavage. <i>ELife</i> , 2015 , 4,	8.9	21
25	Control of Mus81 nuclease during the cell cycle. <i>FEBS Letters</i> , 2017 , 591, 2048-2056	3.8	17
24	Identification of SUMO-protein conjugates. <i>Methods in Enzymology</i> , 2005 , 399, 392-404	1.7	17

23	Quantitative sensing and signalling of single-stranded DNA during the DNA damage response. <i>Nature Communications</i> , 2019 , 10, 944	17.4	17
22	Robust Replication Control Is Generated by Temporal Gaps between Licensing and Firing Phases and Depends on Degradation of Firing Factor Sld2. <i>Cell Reports</i> , 2016 , 17, 556-569	10.6	16
21	Error-Prone Splicing Controlled by the Ubiquitin Relative Hub1. <i>Molecular Cell</i> , 2017 , 67, 423-432.e4	17.6	15
20	Failed mitochondrial import and impaired proteostasis trigger SUMOylation of mitochondrial proteins. <i>Journal of Biological Chemistry</i> , 2018 , 293, 599-609	5.4	13
19	The Slx4-Dpb11 scaffold complex: coordinating the response to replication fork stalling in S-phase and the subsequent mitosis. <i>Cell Cycle</i> , 2015 , 14, 488-94	4.7	12
18	Control of Eukaryotic DNA Replication Initiation-Mechanisms to Ensure Smooth Transitions. <i>Genes</i> , 2019 , 10,	4.2	11
17	A cell cycle-independent mode of the Rad9-Dpb11 interaction is induced by DNA damage. <i>Scientific Reports</i> , 2017 , 7, 11650	4.9	11
16	Nerve growth factor-induced phosphorylation of amphiphysin-1 by casein kinase 2 regulates clathrin-amphiphysin interactions. <i>Journal of Neurochemistry</i> , 2006 , 98, 2013-22	6	10
15	Nucleosome Remodeling by Fun30 in the DNA Damage Response. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 78	5.6	7
14	Strand-specific CHIP-seq at DNA breaks distinguishes ssDNA versus dsDNA binding and refutes single-stranded nucleosomes. <i>Molecular Cell</i> , 2021 , 81, 1841-1853.e4	17.6	7
13	Quantitative mechanisms of DNA damage sensing and signaling. <i>Current Genetics</i> , 2020 , 66, 59-62	2.9	7
12	ESCRT recruitment by the inner nuclear membrane protein Heh1 is regulated by Hub1-mediated alternative splicing. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	6
11	MTBP phosphorylation controls DNA replication origin firing. <i>Scientific Reports</i> , 2021 , 11, 4242	4.9	6
10	Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> , 2019 , 38,	13	5
9	An advanced cell cycle tag toolbox reveals principles underlying temporal control of structure-selective nucleases. <i>ELife</i> , 2020 , 9,	8.9	4
8	In cell architecture of the nuclear pore complex and snapshots of its turnover		4
7	Right time, right place-DNA damage and DNA replication checkpoints collectively safeguard S phase. <i>EMBO Journal</i> , 2018 , 37,	13	4
6	A SUMO-dependent pathway controls elongating RNA Polymerase II upon UV-induced damage. <i>Scientific Reports</i> , 2019 , 9, 17914	4.9	2

5	Nucleolar release of rDNA repeats for repair involves SUMO-mediated untethering by the Cdc48/p97 segregase. <i>Nature Communications</i> , 2021 , 12, 4918	17.4	2
4	DNA Double Strand Break Repair and Its Control by Nucleosome Remodeling.. <i>Frontiers in Genetics</i> , 2021 , 12, 821543	4.5	1
3	A selective autophagy pathway for phase separated endocytic protein deposits		1
2	Relocation of rDNA repeats for repair is dependent on SUMO-mediated nucleolar release by the Cdc48/p97 segregase		1
1	A CDK-regulated chromatin segregase promoting chromosome replication. <i>Nature Communications</i> , 2021 , 12, 5224	17.4	1