Stefan Jentsch

List of Publications by Citations

28 papers	2,869 citations	18 h-index	32 g-index
32 ext. papers	3,281 ext. citations	22.9 avg, IF	5.46 L-index

#	Paper	IF	Citations
28	SUMO, ubiquitin's mysterious cousin. *Nature Reviews Molecular Cell Biology*, **2001**, 2, 202-10	48.7	627
27	Activation of a membrane-bound transcription factor by regulated ubiquitin/proteasome-dependent processing. *Cell*, **2000**, 102, 577-86	56.2	484
26	Protein group modification and synergy in the SUMO pathway as exemplified in DNA repair. *Cell*, **2012**, 151, 807-820	56.2	331
25	Cdc48 (p97): a "molecular gearbox" in the ubiquitin pathway?. *Trends in Biochemical Sciences*, **2007**, 32, 6-11	10.3	243
24	Autophagic clearance of polyQ proteins mediated by ubiquitin-Atg8 adaptors of the conserved CUET protein family. *Cell*, **2014**, 158, 549-63	56.2	231
23	A DNA-dependent protease involved in DNA-protein crosslink repair. *Cell*, **2014**, 158, 327-338	56.2	172
22	Control of nuclear activities by substrate-selective and protein-group SUMOylation. *Annual Review of Genetics*, **2013**, 47, 167-86	14.5	154
21	Mechanisms and principles of homology search during recombination. *Nature Reviews Molecular Cell Biology*, **2014**, 15, 369-83	48.7	109
20	DNA-protein crosslink repair: proteases as DNA repair enzymes. *Trends in Biochemical Sciences*, **2015**, 40, 67-71	10.3	70
19	Role of the ubiquitin-like protein Hub1 in splice-site usage and alternative splicing. *Nature*, **2011**, 474, 173-8	50.4	62
18	DNA-protein crosslink repair. *Nature Reviews Molecular Cell Biology*, **2015**, 16, 455-60	48.7	59
17	Receptor oligomerization guides pathway choice between proteasomal and autophagic degradation. *Nature Cell Biology*, **2017**, 19, 732-739	23.4	58
16	Selective autophagy degrades nuclear pore complexes. *Nature Cell Biology*, **2020**, 22, 159-166	23.4	48
15	The ubiquitin-like protein HUB1 forms SDS-resistant complexes with cellular proteins in the absence of ATP. *EMBO Reports*, **2003**, 4, 1169-74	6.5	43
14	The INO80 Complex Removes H2A.Z to Promote Presynaptic Filament Formation during Homologous Recombination. *Cell Reports*, **2017**, 19, 1294-1303	10.6	39
13	A Selective Autophagy Pathway for Phase-Separated Endocytic Protein Deposits. *Molecular Cell*, **2020**, 80, 764-778.e7	17.6	33
12	Pathway choice between proteasomal and autophagic degradation. *Autophagy*, **2017**, 13, 1799-1800	10.2	23

11	The conserved ubiquitin-like protein Hub1 plays a critical role in splicing in human cells. *Journal of Molecular Cell Biology*, **2014**, 6, 312-23	6.3	19
10	Error-Prone Splicing Controlled by the Ubiquitin Relative Hub1. *Molecular Cell*, **2017**, 67, 423-432.e4	17.6	15
9	Chaperone-Mediated Protein Disaggregation Triggers Proteolytic Clearance of Intra-nuclear Protein Inclusions. *Cell Reports*, **2020**, 31, 107680	10.6	14
8	Identification of Substrates of Protein-Group SUMOylation. *Methods in Molecular Biology*, **2016**, 1475, 219-31	1.4	12
7	Regulatory Functions of Ubiquitin and SUMO in DNA Repair Pathways. *Sub-Cellular Biochemistry*, **2010**, 54, 184-94	5.5	7
6	ESCRT recruitment by the inner nuclear membrane protein Heh1 is regulated by Hub1-mediated alternative splicing. *Journal of Cell Science*, **2020**, 133,	5.3	6
5	Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. *EMBO Journal* , **2019**, 38,	13	5
4	A SUMO-dependent pathway controls elongating RNA Polymerase II upon UV-induced damage. *Scientific Reports*, **2019**, 9, 17914	4.9	2
3	Nucleolar release of rDNA repeats for repair involves SUMO-mediated untethering by the Cdc48/p97 segregase. *Nature Communications*, **2021**, 12, 4918	17.4	2
2	Relocation of rDNA repeats for repair is dependent on SUMO-mediated nucleolar release by the Cdc48/p97 segregase		1
1	Travels with ubiquitin: from protein degradation to DNA repair. *EMBO Molecular Medicine*, **2011**, 3, 72-4	12	