

# Simon Bekker-Jensen

## List of Publications by Year in descending order

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65  
papers

11,565  
citations

47006

47  
h-index

110387

64  
g-index

66  
all docs

66  
docs citations

66  
times ranked

13752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	3.1	4
2	Regulation of the Golgi Apparatus by p38 and JNK Kinases during Cellular Stress Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9595.	4.1	6
3	Spatial-proteomics reveals phospho-signaling dynamics at subcellular resolution. <i>Nature Communications</i> , 2021, 12, 7113.	12.8	38
4	Ribosomal stress-surveillance: three pathways is a magic number. <i>Nucleic Acids Research</i> , 2020, 48, 10648-10661.	14.5	82
5	ZAK $\hat{\pm}$ Recognizes Stalled Ribosomes through Partially Redundant Sensor Domains. <i>Molecular Cell</i> , 2020, 78, 700-713.e7.	9.7	90
6	Selective autophagy maintains centrosome integrity and accurate mitosis by turnover of centriolar satellites. <i>Nature Communications</i> , 2019, 10, 4176.	12.8	61
7	Alternative Translation Initiation Generates a Functionally Distinct Isoform of the Stress-Activated Protein Kinase MK2. <i>Cell Reports</i> , 2019, 27, 2859-2870.e6.	6.4	22
8	Protein Aggregation Capture on Microparticles Enables Multipurpose Proteomics Sample Preparation*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1027a-1035.	3.8	189
9	GIGYF1/2-Driven Cooperation between ZNF598 and TTP in Posttranscriptional Regulation of Inflammatory Signaling. <i>Cell Reports</i> , 2019, 26, 3511-3521.e4.	6.4	44
10	p38-MK2 signaling axis regulates RNA metabolism after UV-light-induced DNA damage. <i>Nature Communications</i> , 2018, 9, 1017.	12.8	61
11	Osmotic Stress Blocks Mobility and Dynamic Regulation of Centriolar Satellites. <i>Cells</i> , 2018, 7, 65.	4.1	5
12	Regulation of DNA double-strand break repair by ubiquitin and ubiquitin-like modifiers. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 379-394.	37.0	285
13	Structural Analysis of a Complex between Small Ubiquitin-like Modifier 1 (SUMO1) and the ZZ Domain of CREB-binding Protein (CBP/p300) Reveals a New Interaction Surface on SUMO. <i>Journal of Biological Chemistry</i> , 2016, 291, 12658-12672.	3.4	23
14	Activation of the ATR kinase by the RPA-binding protein ETAA1. <i>Nature Cell Biology</i> , 2016, 18, 1196-1207.	10.3	208
15	SCAI promotes DNA double-strand break repair in distinct chromosomal contexts. <i>Nature Cell Biology</i> , 2016, 18, 1357-1366.	10.3	32
16	H4K20me0 marks post-replicative chromatin and recruits the TONSL $\hat{\text{e}}$ MMS22L DNA repair complex. <i>Nature</i> , 2016, 534, 714-718.	27.8	172
17	TRAIPI is a PCNA-binding ubiquitin ligase that protects genome stability after replication stress. <i>Journal of Cell Biology</i> , 2016, 212, 63-75.	5.2	65
18	SDCCAG8 Interacts with RAB Effector Proteins RABEP2 and ERC1 and Is Required for Hedgehog Signaling. <i>PLoS ONE</i> , 2016, 11, e0156081.	2.5	19

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19	Lamin A/C-dependent interaction with 53BP1 promotes cellular responses to DNA damage. <i>Aging Cell</i> , 2015, 14, 162-169.	6.7	58
20	Ubiquitin-like protein <scp>UBL</scp> 5 promotes the functional integrity of the Fanconi anemia pathway. <i>EMBO Journal</i> , 2015, 34, 1385-1398.	7.8	16
21	p38- and MK2-dependent signalling promotes stress-induced centriolar satellite remodelling via 14-3-3-dependent sequestration of CEP131/AZI1. <i>Nature Communications</i> , 2015, 6, 10075.	12.8	40
22	Ubiquitin-SUMO Circuitry Controls Activated Fanconi Anemia ID Complex Dosage in Response to DNA Damage. <i>Molecular Cell</i> , 2015, 57, 150-164.	9.7	106
23	Proteomics reveals dynamic assembly of repair complexes during bypass of DNA cross-links. <i>Science</i> , 2015, 348, 1253671.	12.6	183
24	Histone H1 couples initiation and amplification of ubiquitin signalling after DNA damage. <i>Nature</i> , 2015, 527, 389-393.	27.8	317
25	RNF138 joins the HR team. <i>Nature Cell Biology</i> , 2015, 17, 1375-1377.	10.3	7
26	Proteome-wide analysis of SUMO2 targets in response to pathological DNA replication stress in human cells. <i>DNA Repair</i> , 2015, 25, 84-96.	2.8	30
27	Centriolar satellites: key mediators of centrosome functions. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 11-23.	5.4	92
28	UBL5 is essential for pre-mRNA splicing and sister chromatid cohesion in human cells. <i>EMBO Reports</i> , 2014, 15, 956-964.	4.5	41
29	Renal-Retinal Ciliopathy Gene Sdccag8 Regulates DNA Damage Response Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2573-2583.	6.1	63
30	ATR Prohibits Replication Catastrophe by Preventing Global Exhaustion of RPA. <i>Cell</i> , 2013, 155, 1088-1103.	28.9	714
31	OTULIN Restricts Met1-Linked Ubiquitination to Control Innate Immune Signaling. <i>Molecular Cell</i> , 2013, 50, 818-830.	9.7	209
32	Regulation of PCNA-protein interactions for genome stability. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 269-282.	37.0	308
33	A new cellular stress response that triggers centriolar satellite reorganization and ciliogenesis. <i>EMBO Journal</i> , 2013, 32, 3029-3040.	7.8	115
34	RNF111/Arkadia is a SUMO-targeted ubiquitin ligase that facilitates the DNA damage response. <i>Journal of Cell Biology</i> , 2013, 201, 797-807.	5.2	129
35	Disease-causing mutations in the <scp>XIAP</scp> <scp>BIR</scp> 2 domain impair <scp>NOD</scp> 2-dependent immune signalling. <i>EMBO Molecular Medicine</i> , 2013, 5, 1278-1295.	6.9	137
36	The Deubiquitylating Enzyme USP44 Counteracts the DNA Double-strand Break Response Mediated by the RNF8 and RNF168 Ubiquitin Ligases. <i>Journal of Biological Chemistry</i> , 2013, 288, 16579-16587.	3.4	106

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37	A new non-catalytic role for ubiquitin ligase RNF8 in unfolding higher-order chromatin structure. <i>EMBO Journal</i> , 2012, 31, 2511-2527.	7.8	94
38	Histone Displacement during Nucleotide Excision Repair. <i>International Journal of Molecular Sciences</i> , 2012, 13, 13322-13337.	4.1	9
39	DNA damage-induced SUMOylation of HERC2 promotes RNF8 binding via a novel SUMO-binding Zinc finger. <i>Journal of Cell Biology</i> , 2012, 197, 179-187.	5.2	109
40	Ubiquitin and the DNA damage response. <i>Cell Cycle</i> , 2012, 11, 3153-3153.	2.6	3
41	TRIP12 and UBR5 Suppress Spreading of Chromatin Ubiquitylation at Damaged Chromosomes. <i>Cell</i> , 2012, 150, 697-709.	28.9	282
42	RNF8 and RNF168 but not HERC2 are required for DNA damage-induced ubiquitylation in chicken DT40 cells. <i>DNA Repair</i> , 2012, 11, 892-905.	2.8	22
43	DVC1 (C1orf124) is a DNA damage-targeting p97 adaptor that promotes ubiquitin-dependent responses to replication blocks. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1084-1092.	8.2	153
44	Human RNF169 is a negative regulator of the ubiquitin-dependent response to DNA double-strand breaks. <i>Journal of Cell Biology</i> , 2012, 197, 189-199.	5.2	115
45	Systems-wide analysis of ubiquitylation dynamics reveals a key role for PAF15 ubiquitylation in DNA-damage bypass. <i>Nature Cell Biology</i> , 2012, 14, 1089-1098.	10.3	234
46	The Ubiquitin Ligase XIAP Recruits LUBAC for NOD2 Signaling in Inflammation and Innate Immunity. <i>Molecular Cell</i> , 2012, 46, 746-758.	9.7	336
47	53BP1 nuclear bodies form around DNA lesions generated by mitotic transmission of chromosomes under replication stress. <i>Nature Cell Biology</i> , 2011, 13, 243-253.	10.3	584
48	The ubiquitin- and SUMO-dependent signaling response to DNA double-strand breaks. <i>FEBS Letters</i> , 2011, 585, 2914-2919.	2.8	97
49	Mass Spectrometric Analysis of Lysine Ubiquitylation Reveals Promiscuity at Site Level. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003590.	3.8	275
50	Assembly and function of DNA double-strand break repair foci in mammalian cells. <i>DNA Repair</i> , 2010, 9, 1219-1228.	2.8	288
51	HERC2 coordinates ubiquitin-dependent assembly of DNA repair factors on damaged chromosomes. <i>Nature Cell Biology</i> , 2010, 12, 80-86.	10.3	239
52	Nucleotide excision repair-induced H2A ubiquitination is dependent on MDC1 and RNF8 and reveals a universal DNA damage response. <i>Journal of Cell Biology</i> , 2009, 186, 835-847.	5.2	167
53	USP7 counteracts SCF <sup>TrCP</sup> - but not APCCdh1-mediated proteolysis of Claspin. <i>Journal of Cell Biology</i> , 2009, 184, 13-19.	5.2	109
54	Mislocalization of the MRN complex prevents ATR signaling during adenovirus infection. <i>EMBO Journal</i> , 2009, 28, 652-662.	7.8	87

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55	RNF168 Binds and Amplifies Ubiquitin Conjugates on Damaged Chromosomes to Allow Accumulation of Repair Proteins. <i>Cell</i> , 2009, 136, 435-446.	28.9	784
56	Phosphorylation of SDT repeats in the MDC1 N terminus triggers retention of NBS1 at the DNA damage- $\gamma$ -H2AX modified chromatin. <i>Journal of Cell Biology</i> , 2008, 181, 213-226.	5.2	197
57	1 Ubiquitylation of histones at sites of DNA damage. <i>Apmis</i> , 2008, 116, 418-419.	2.0	0
58	Human Xip1 (C2orf13) Is a Novel Regulator of Cellular Responses to DNA Strand Breaks. <i>Journal of Biological Chemistry</i> , 2007, 282, 19638-19643.	3.4	68
59	RNF8 Ubiquitylates Histones at DNA Double-Strand Breaks and Promotes Assembly of Repair Proteins. <i>Cell</i> , 2007, 131, 887-900.	28.9	1,029
60	Destruction of Claspin by SCF <sup>TrCP</sup> Restrains Chk1 Activation and Facilitates Recovery from Genotoxic Stress. <i>Molecular Cell</i> , 2006, 23, 307-318.	9.7	231
61	Chromatin relaxation in response to DNA double-strand breaks is modulated by a novel ATM- and KAP-1 dependent pathway. <i>Nature Cell Biology</i> , 2006, 8, 870-876.	10.3	651
62	Spatial organization of the mammalian genome surveillance machinery in response to DNA strand breaks. <i>Journal of Cell Biology</i> , 2006, 173, 195-206.	5.2	564
63	Claspin Operates Downstream of TopBP1 To Direct ATR Signaling towards Chk1 Activation. <i>Molecular and Cellular Biology</i> , 2006, 26, 6056-6064.	2.3	155
64	Dynamic assembly and sustained retention of 53BP1 at the sites of DNA damage are controlled by Mdc1/NFBD1. <i>Journal of Cell Biology</i> , 2005, 170, 201-211.	5.2	250
65	Mdc1 couples DNA double-strand break recognition by Nbs1 with its H2AX-dependent chromatin retention. <i>EMBO Journal</i> , 2004, 23, 2674-2683.	7.8	356