

Marit Otterlei

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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.

68
papers

4,462
citations

31
h-index

66
g-index

72
ext. papers

4,857
ext. citations

7.4
avg, IF

4.77
L-index

#	Paper	IF	Citations
68	Human and bacterial oxidative demethylases repair alkylation damage in both RNA and DNA. <i>Nature</i> , 2003 , 421, 859-63	50.4	486
67	Alkylation damage in DNA and RNA--repair mechanisms and medical significance. <i>DNA Repair</i> , 2004 , 3, 1389-407	4.3	456
66	Induction of cytokine production from human monocytes stimulated with alginate. <i>Journal of Immunotherapy</i> , 1991 , 10, 286-91	5	314
65	Base excision repair of DNA in mammalian cells. <i>FEBS Letters</i> , 2000 , 476, 73-7	3.8	282
64	The Werner syndrome helicase and exonuclease cooperate to resolve telomeric D loops in a manner regulated by TRF1 and TRF2. <i>Molecular Cell</i> , 2004 , 14, 763-74	17.6	264
63	hUNG2 is the major repair enzyme for removal of uracil from U:A matches, U:G mismatches, and U in single-stranded DNA, with hSMUG1 as a broad specificity backup. <i>Journal of Biological Chemistry</i> , 2002 , 277, 39926-36	5.4	240
62	XRCC1 co-localizes and physically interacts with PCNA. <i>Nucleic Acids Research</i> , 2004 , 32, 2193-201	20.1	152
61	Human AlkB homolog 1 is a mitochondrial protein that demethylates 3-methylcytosine in DNA and RNA. <i>Journal of Biological Chemistry</i> , 2008 , 283, 25046-56	5.4	135
60	Uracil in DNA--general mutagen, but normal intermediate in acquired immunity. <i>DNA Repair</i> , 2007 , 6, 505-16	4.3	132
59	WRN helicase and FEN-1 form a complex upon replication arrest and together process branchmigrating DNA structures associated with the replication fork. <i>Molecular Biology of the Cell</i> , 2004 , 15, 734-50	3.5	117
58	A sequence in the N-terminal region of human uracil-DNA glycosylase with homology to XPA interacts with the C-terminal part of the 34-kDa subunit of replication protein A. <i>Journal of Biological Chemistry</i> , 1997 , 272, 6561-6	5.4	116
57	Identification of a novel, widespread, and functionally important PCNA-binding motif. <i>Journal of Cell Biology</i> , 2009 , 186, 645-54	7.3	112
56	Mitochondrial base excision repair of uracil and AP sites takes place by single-nucleotide insertion and long-patch DNA synthesis. <i>DNA Repair</i> , 2008 , 7, 605-16	4.3	103
55	Cell cycle-specific UNG2 phosphorylations regulate protein turnover, activity and association with RPA. <i>EMBO Journal</i> , 2008 , 27, 51-61	13	100
54	Nuclear and mitochondrial splice forms of human uracil-DNA glycosylase contain a complex nuclear localisation signal and a strong classical mitochondrial localisation signal, respectively. <i>Nucleic Acids Research</i> , 1998 , 26, 4611-7	20.1	96
53	B cells from hyper-IgM patients carrying UNG mutations lack ability to remove uracil from ssDNA and have elevated genomic uracil. <i>Journal of Experimental Medicine</i> , 2005 , 201, 2011-21	16.6	94
52	WRN interacts physically and functionally with the recombination mediator protein RAD52. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36476-86	5.4	94

51	Repair of U/G and U/A in DNA by UNG2-associated repair complexes takes place predominantly by short-patch repair both in proliferating and growth-arrested cells. <i>Nucleic Acids Research</i> , 2004 , 32, 5486-98	20.1	79
50	Uracil in DNA and its processing by different DNA glycosylases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 563-8	5.8	78
49	Dynamic relocalization of hOGG1 during the cell cycle is disrupted in cells harbouring the hOGG1-Cys326 polymorphic variant. <i>Nucleic Acids Research</i> , 2005 , 33, 1813-24	20.1	73
48	Werner syndrome protein participates in a complex with RAD51, RAD54, RAD54B and ATR in response to ICL-induced replication arrest. <i>Journal of Cell Science</i> , 2006 , 119, 5137-46	5.3	71
47	Properties and functions of human uracil-DNA glycosylase from the UNG gene. <i>Progress in Molecular Biology and Translational Science</i> , 2001 , 68, 365-86		69
46	Targeting proliferating cell nuclear antigen and its protein interactions induces apoptosis in multiple myeloma cells. <i>PLoS ONE</i> , 2013 , 8, e70430	3.7	64
45	XRCC1 coordinates disparate responses and multiprotein repair complexes depending on the nature and context of the DNA damage. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 623-35	3.2	51
44	Nucleotide excision repair is associated with the replisome and its efficiency depends on a direct interaction between XPA and PCNA. <i>PLoS ONE</i> , 2012 , 7, e49199	3.7	48
43	Direct interaction between XRCC1 and UNG2 facilitates rapid repair of uracil in DNA by XRCC1 complexes. <i>DNA Repair</i> , 2010 , 9, 785-95	4.3	45
42	The PCNA interaction motifs revisited: thinking outside the PIP-box. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 4923-4943	10.3	39
41	X-ray repair cross complementing protein 1 in base excision repair. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 17210-29	6.3	38
40	Extracts of proliferating and non-proliferating human cells display different base excision pathways and repair fidelity. <i>DNA Repair</i> , 2009 , 8, 834-43	4.3	35
39	Genomic uracil and human disease. <i>Experimental Cell Research</i> , 2006 , 312, 2666-72	4.2	33
38	Anti-Cancer Potential of Homemade Fresh Garlic Extract Is Related to Increased Endoplasmic Reticulum Stress. <i>Nutrients</i> , 2018 , 10,	6.7	32
37	PCNA-interacting peptides reduce Akt phosphorylation and TLR-mediated cytokine secretion suggesting a role of PCNA in cellular signaling. <i>Cellular Signalling</i> , 2015 , 27, 1478-87	4.9	30
36	The region of XRCC1 which harbours the three most common nonsynonymous polymorphic variants, is essential for the scaffolding function of XRCC1. <i>DNA Repair</i> , 2012 , 11, 357-66	4.3	28
35	Analysis of uracil-DNA glycosylases from the murine Ung gene reveals differential expression in tissues and in embryonic development and a subcellular sorting pattern that differs from the human homologues. <i>Nucleic Acids Research</i> , 2000 , 28, 2277-85	20.1	28
34	Increased Anticancer Efficacy of Intravesical Mitomycin C Therapy when Combined with a PCNA Targeting Peptide. <i>Translational Oncology</i> , 2014 , 7, 812-23	4.9	27

33	Human immunodeficiency virus type 1 Vpr modulates cellular expression of UNG2 via a negative transcriptional effect. <i>Journal of Virology</i> , 2009 , 83, 10256-63	6.6	25
32	Human ALKBH4 interacts with proteins associated with transcription. <i>PLoS ONE</i> , 2012 , 7, e49045	3.7	24
31	"Two hits - one stone"; increased efficacy of cisplatin-based therapies by targeting PCNA's role in both DNA repair and cellular signaling. <i>Oncotarget</i> , 2018 , 9, 32448-32465	3.3	20
30	RNA base damage and repair. <i>Current Pharmaceutical Biotechnology</i> , 2007 , 8, 326-31	2.6	19
29	An in vivo analysis of the localisation and interactions of human p66 DNA polymerase delta subunit. <i>BMC Molecular Biology</i> , 2005 , 6, 17	4.5	19
28	Monitoring of the spatial and temporal dynamics of BER/SSBR pathway proteins, including MYH, UNG2, MPG, NTH1 and NEIL1-3, during DNA replication. <i>Nucleic Acids Research</i> , 2017 , 45, 8291-8301	20.1	18
27	APIM-peptide targeting PCNA improves the efficacy of docetaxel treatment in the TRAMP mouse model of prostate cancer. <i>Oncotarget</i> , 2018 , 9, 11752-11766	3.3	18
26	The UNG2 Arg88Cys variant abrogates RPA-mediated recruitment of UNG2 to single-stranded DNA. <i>DNA Repair</i> , 2012 , 11, 559-69	4.3	15
25	Multiple microRNAs may regulate the DNA repair enzyme uracil-DNA glycosylase. <i>DNA Repair</i> , 2013 , 12, 80-6	4.3	15
24	Soluble CD14 from urine copurifies with a potent inducer of cytokines. <i>European Journal of Immunology</i> , 1994 , 24, 1779-84	6.1	14
23	The role of PCNA as a scaffold protein in cellular signaling is functionally conserved between yeast and humans. <i>FEBS Open Bio</i> , 2018 , 8, 1135-1145	2.7	13
22	Helicase-Like Transcription Factor HLTF and E3 Ubiquitin Ligase SHPRH Confer DNA Damage Tolerance through Direct Interactions with Proliferating Cell Nuclear Antigen (PCNA). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
21	Alkyladenine DNA glycosylase associates with transcription elongation to coordinate DNA repair with gene expression. <i>Nature Communications</i> , 2019 , 10, 5460	17.4	12
20	Enhanced efficacy of bleomycin in bladder cancer cells by photochemical internalization. <i>BioMed Research International</i> , 2014 , 2014, 921296	3	11
19	Peptides containing the PCNA interacting motif APIM bind to the κ clamp and inhibit bacterial growth and mutagenesis. <i>Nucleic Acids Research</i> , 2020 , 48, 5540-5554	20.1	9
18	APIM-Mediated REV3L/PCNA Interaction Important for Error Free TLS Over UV-Induced DNA Lesions in Human Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 20,	6.3	9
17	p38 MAPK signaling and phosphorylations in the BRCT1 domain regulate XRCC1 recruitment to sites of DNA damage. <i>Scientific Reports</i> , 2017 , 7, 6322	4.9	7
16	A rat model of intravesical delivery of small interfering RNA for studying urinary carcinoma. <i>World Journal of Urology</i> , 2010 , 28, 479-85	4	7

15	On-column trypsinization allows for re-use of matrix in modified multiplexed inhibitor beads assay. <i>Analytical Biochemistry</i> , 2017 , 523, 10-16	3.1	6
14	Targeting the non-canonical roles of PCNA modifies and increases the response to targeted anti-cancer therapy. <i>Oncotarget</i> , 2019 , 10, 7185-7197	3.3	6
13	5-hydroxymethylcytosine Marks Mammalian Origins Acting as a Barrier to Replication. <i>Scientific Reports</i> , 2019 , 9, 11065	4.9	5
12	A new high resolution screening method for study of phenotype stress responses of <i>Saccharomyces cerevisiae</i> mutants. <i>Journal of Microbiological Methods</i> , 2011 , 87, 363-7	2.8	5
11	A-kinase anchoring protein AKAP95 is a novel regulator of ribosomal RNA synthesis. <i>FEBS Journal</i> , 2016 , 283, 757-70	5.7	4
10	Novel Peptides Targeting the β Clamp Rapidly Kill Planktonic and Biofilm Both and. <i>Frontiers in Microbiology</i> , 2021 , 12, 631557	5.7	2
9	Differentially Expressed Extracellular Vesicle-Contained microRNAs before and after Transurethral Resection of Bladder Tumors. <i>Current Issues in Molecular Biology</i> , 2021 , 43, 286-300	2.9	2
8	Activating the Cpx response induces tolerance to antisense PNA delivered by an arginine-rich peptide in. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 25, 444-454	10.7	2
7	The Human RAD5 Homologs, HLTF and SHPRH, Have Separate Functions in DNA Damage Tolerance Dependent on The DNA Lesion Type. <i>Biomolecules</i> , 2020 , 10,	5.9	1
6	PCNA has specific functions in regulation of metabolism in haematological cells		1
5	Broad-Spectrum Antibacterial Peptide Kills Extracellular and Intracellular Bacteria Without Affecting Epithelialization.. <i>Frontiers in Microbiology</i> , 2021 , 12, 764451	5.7	0
4	Synthetic Strategies towards Imidazopyridinones and 7-Azaoxindoles and their Evaluation as Antibacterial Agents. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2701-2712	3.2	0
3	Safety profile and disease stabilization in late stage, heavily pretreated, solid tumor patients in a first-in-human (FIH) study of ATX-101, a drug targeting proliferating cell nuclear antigen (PCNA).. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3067-3067	2.2	0
2	Changes in cellular signaling proteins in extracts from A549, H460, and U2OS cells treated with cisplatin or docetaxel. <i>Data in Brief</i> , 2017 , 12, 18-21	1.2	
1	Human Uracil-DNA Glycosylase 1999 , 221-236		