

# Claudia Wiese

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/882506/claudia-wiese-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

31  
papers

1,145  
citations

18  
h-index

33  
g-index

39  
ext. papers

1,437  
ext. citations

10.8  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
31	RAD51AP1 mediates RAD51 activity through nucleosome interaction. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100844	5.4	1
30	The DNA-binding activity of USP1-associated factor 1 is required for efficient RAD51-mediated homologous DNA pairing and homology-directed DNA repair. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 8186-8194	5.4	3
29	NUCKS1 promotes RAD54 activity in homologous recombination DNA repair. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	8
28	The BRCA Tumor Suppressor Network in Chromosome Damage Repair by Homologous Recombination. <i>Annual Review of Biochemistry</i> , <b>2019</b> , 88, 221-245	29.1	52
27	DNA requirement in FANCD2 deubiquitination by USP1-UAF1-RAD51AP1 in the Fanconi anemia DNA damage response. <i>Nature Communications</i> , <b>2019</b> , 10, 2849	17.4	18
26	Toward A variable RBE for proton beam therapy. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 128, 68-75	5.3	50
25	Dynamin impacts homology-directed repair and breast cancer response to chemotherapy. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5307-5321	15.9	12
24	BRCA1-BARD1 promotes RAD51-mediated homologous DNA pairing. <i>Nature</i> , <b>2017</b> , 550, 360-365	50.4	163
23	Role of RAD51AP1 in homologous recombination DNA repair and carcinogenesis. <i>DNA Repair</i> , <b>2017</b> , 59, 76-81	4.3	22
22	Non-catalytic Roles for XPG with BRCA1 and BRCA2 in Homologous Recombination and Genome Stability. <i>Molecular Cell</i> , <b>2016</b> , 61, 535-546	17.6	32
21	Nucks1 synergizes with Trp53 to promote radiation lymphomagenesis in mice. <i>Oncotarget</i> , <b>2016</b> , 7, 61874-61889	3.5	189
20	The Role of UAF1 in the Fanconi Anemia Pathway Regulation of Homologous Recombination-Mediated Genome Maintenance. <i>Blood</i> , <b>2016</b> , 128, 1041-1041	2.2	
19	Promotion of RAD51-Mediated Homologous DNA Pairing by the RAD51AP1-UAF1 Complex. <i>Cell Reports</i> , <b>2016</b> , 15, 2118-2126	10.6	34
18	Promotion of BRCA2-Dependent Homologous Recombination by DSS1 via RPA Targeting and DNA Mimicry. <i>Molecular Cell</i> , <b>2015</b> , 59, 176-87	17.6	97
17	Micronucleus formation in human keratinocytes is dependent on radiation quality and tissue architecture. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 22-31	3.2	5
16	NUCKS1 is a novel RAD51AP1 paralog important for homologous recombination and genome stability. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 9817-34	20.1	36
15	RAD51AP1-deficiency in vertebrate cells impairs DNA replication. <i>DNA Repair</i> , <b>2014</b> , 24, 87-97	4.3	19

14	Investigating the role of DNA repair enzymes in DNA replication and recombination (735.3). <i>FASEB Journal</i> , <b>2014</b> , 28, 735.3	0.9	
13	Repair pathway crosstalk in genome stability maintenance through BRCA1/2-mediated homologous recombination (352.1). <i>FASEB Journal</i> , <b>2014</b> , 28, 352.1	0.9	
12	PCNA-dependent accumulation of CDKN1A into nuclear foci after ionizing irradiation. <i>DNA Repair</i> , <b>2012</b> , 11, 511-21	4.3	11
11	Mechanistic insights into RAD51-associated protein 1 (RAD51AP1) action in homologous DNA repair. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 12343-7	5.4	30
10	Molecular basis for enhancement of the meiotic DMC1 recombinase by RAD51 associated protein 1 (RAD51AP1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 3560-5	11.5	28
9	RAD51-associated protein 1 (RAD51AP1) interacts with the meiotic recombinase DMC1 through a conserved motif. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 37328-34	5.4	13
8	Enhancement of RAD51 recombinase activity by the tumor suppressor PALB2. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 1255-9	17.6	112
7	Overexpression of RAD51 suppresses recombination defects: a possible mechanism to reverse genomic instability. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 1061-70	20.1	72
6	Homologous recombination contributes to the repair of DNA double-strand breaks induced by high-energy iron ions. <i>Radiation Research</i> , <b>2010</b> , 173, 27-39	3.1	63
5	Promotion of homologous recombination and genomic stability by RAD51AP1 via RAD51 recombinase enhancement. <i>Molecular Cell</i> , <b>2007</b> , 28, 482-90	17.6	95
4	Disparate requirements for the Walker A and B ATPase motifs of human RAD51D in homologous recombination. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, 2833-43	20.1	32
3	RAD51AP2, a novel vertebrate- and meiotic-specific protein, shares a conserved RAD51-interacting C-terminal domain with RAD51AP1/PIR51. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, 5081-92	20.1	18
2	Interactions involving the Rad51 paralogs Rad51C and XRCC3 in human cells. <i>Nucleic Acids Research</i> , <b>2002</b> , 30, 1001-8	20.1	90
1	Gene conversion is strongly induced in human cells by double-strand breaks and is modulated by the expression of BCL-x(L). <i>Cancer Research</i> , <b>2002</b> , 62, 1279-83	10.1	23