

# Penelope A Jeggo

## List of Publications by Year in descending order

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145  
papers

19,867  
citations

11608

70  
h-index

10708

138  
g-index

147  
all docs

147  
docs citations

147  
times ranked

17097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial for special issue "women in radiobiology". International Journal of Radiation Biology, 2022, 1-1.	1.0	0
2	Haematopoietic Stem Cell Transplantation for DNA Ligase 1 Deficiency. Journal of Clinical Immunology, 2021, 41, 238-242.	2.0	2
3	Cutting-edge perspectives in genomic maintenance V11. DNA Repair, 2021, 97, 103004.	1.3	0
4	TP53 modulates radiotherapy fraction size sensitivity in normal and malignant cells. Scientific Reports, 2021, 11, 7119.	1.6	11
5	ATM's Role in the Repair of DNA Double-Strand Breaks. Genes, 2021, 12, 1370.	1.0	38
6	Establishing mechanisms affecting the individual response to ionizing radiation. International Journal of Radiation Biology, 2020, 96, 297-323.	1.0	34
7	Roles for 53BP1 in the repair of radiation-induced DNA double strand breaks. DNA Repair, 2020, 93, 102915.	1.3	61
8	Roles for the DNA-PK complex and 53BP1 in protecting ends from resection during DNA double-strand break repair. Journal of Radiation Research, 2020, 61, 718-726.	0.8	17
9	DNA double-strand break end resection: a critical relay point for determining the pathway of repair and signaling. Genome Instability & Disease, 2020, 1, 155-171.	0.5	18
10	Advances in Radiation Biology " Highlights from the 16th ICRR special feature: introductory editorial. British Journal of Radiology, 2020, 93, 20209006.	1.0	1
11	Canonical DNA non-homologous end-joining; capacity versus fidelity. British Journal of Radiology, 2020, 93, 20190966.	1.0	24
12	Regulation of programmed death-ligand 1 expression in response to DNA damage in cancer cells: Implications for precision medicine. Cancer Science, 2019, 110, 3415-3423.	1.7	42
13	Distinct response of adult neural stem cells to low versus high dose ionising radiation. DNA Repair, 2019, 76, 70-75.	1.3	15
14	Analysis of cilia dysfunction phenotypes in zebrafish embryos depleted of Origin recognition complex factors. European Journal of Human Genetics, 2019, 27, 772-782.	1.4	12
15	The Antiresection Activity of the X Protein Encoded by Hepatitis Virus B. Hepatology, 2019, 69, 2546-2561.	3.6	20
16	Repression of Transcription at DNA Breaks Requires Cohesin throughout Interphase and Prevents Genome Instability. Molecular Cell, 2019, 73, 212-223.e7.	4.5	83
17	A historical reflection on our understanding of radiation-induced DNA double strand break repair in somatic mammalian cells; interfacing the past with the present. International Journal of Radiation Biology, 2019, 95, 945-956.	1.0	31
18	Resting cells rely on the DNA helicase component MCM2 to build cilia. Nucleic Acids Research, 2019, 47, 134-151.	6.5	29

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19	Hazards of human spaceflight. <i>Science</i> , 2019, 364, 127-128.	6.0	46
20	ATM: Its Recruitment, Activation, Signalling and Contribution to Tumour Suppression. <i>Cancer Drug Discovery and Development</i> , 2018, , 129-154.	0.2	0
21	The pendulum of the Ku-Ku clock. <i>DNA Repair</i> , 2018, 71, 164-171.	1.3	52
22	Novel function of HATs and HDACs in homologous recombination through acetylation of human RAD52 at double-strand break sites. <i>PLoS Genetics</i> , 2018, 14, e1007277.	1.5	25
23	Ionizing radiation biomarkers in epidemiological studies – An update. <i>Mutation Research - Reviews in Mutation Research</i> , 2017, 771, 59-84.	2.4	118
24	DNA Double-Strand Break Resection Occurs during Non-homologous End Joining in G1 but Is Distinct from Resection during Homologous Recombination. <i>Molecular Cell</i> , 2017, 65, 671-684.e5.	4.5	184
25	Chromatin modifiers and remodellers in DNA repair and signalling. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160279.	1.8	18
26	A restatement of the natural science evidence base concerning the health effects of low-level ionizing radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171070.	1.2	68
27	A Process of Resection-Dependent Nonhomologous End Joining Involving the Goddess Artemis. <i>Trends in Biochemical Sciences</i> , 2017, 42, 690-701.	3.7	86
28	DNA non-homologous end-joining enters the resection arena. <i>Oncotarget</i> , 2017, 8, 93317-93318.	0.8	5
29	A coordinated DNA damage response promotes adult quiescent neural stem cell activation. <i>PLoS Biology</i> , 2017, 15, e2001264.	2.6	36
30	In vivosensitivity of the embryonic and adult neural stem cell compartments to low-dose radiation. <i>Journal of Radiation Research</i> , 2016, 57, i2-i10.	0.8	18
31	DNA repair, genome stability and cancer: a historical perspective. <i>Nature Reviews Cancer</i> , 2016, 16, 35-42.	12.8	575
32	ATR promotes cilia signalling: links to developmental impacts. <i>Human Molecular Genetics</i> , 2016, 25, 1574-1587.	1.4	24
33	ATM Localization and Heterochromatin Repair Depend on Direct Interaction of the 53BP1-BRCT 2 Domain with Î³H2AX. <i>Cell Reports</i> , 2015, 13, 2081-2089.	2.9	61
34	Endogenous and X-ray-induced DNA double strand breaks sensitively activate apoptosis in adult neural stem cells. <i>Journal of Cell Science</i> , 2015, 128, 3597-606.	1.2	24
35	SETDB1, HP1 and SUV39 promote repositioning of 53BP1 to extend resection during homologous recombination in G2 cells. <i>Nucleic Acids Research</i> , 2015, 43, 7931-7944.	6.5	69
36	How cancer cells hijack DNA double-strand break repair pathways to gain genomic instability. <i>Biochemical Journal</i> , 2015, 471, 1-11.	1.7	81

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37	XRCC4 deficiency in human subjects causes a marked neurological phenotype but no overt immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1007-1017.	1.5	44
38	The rate of X-ray-induced DNA double-strand break repair in the embryonic mouse brain is unaffected by exposure to 50 Hz magnetic fields. <i>International Journal of Radiation Biology</i> , 2015, 91, 495-499.	1.0	9
39	Evaluation of Severe Combined Immunodeficiency and Combined Immunodeficiency Pediatric Patients on the Basis of Cellular Radiosensitivity. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 560-575.	1.2	16
40	The PBAF chromatin remodeling complex represses transcription and promotes rapid repair at DNA double-strand breaks. <i>Molecular and Cellular Oncology</i> , 2015, 2, e970072.	0.3	13
41	Low levels of endogenous or X-ray-induced DNA double-strand breaks activate apoptosis in adult neural stem cells. <i>Development (Cambridge)</i> , 2015, 142, e1.2-e1.2.	1.2	0
42	Requirement for PBAF in Transcriptional Repression and Repair at DNA Breaks in Actively Transcribed Regions of Chromatin. <i>Molecular Cell</i> , 2014, 55, 723-732.	4.5	230
43	Increased apoptosis and DNA double-strand breaks in the embryonic mouse brain in response to very low-dose X-rays but not 50 Hz magnetic fields. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140783.	1.5	35
44	DNA Double-strand Break Repair in a Cellular Context. <i>Clinical Oncology</i> , 2014, 26, 243-249.	0.6	126
45	DNA Double-Strand Break Repair Pathway Choice Is Directed by Distinct MRE11 Nuclease Activities. <i>Molecular Cell</i> , 2014, 53, 7-18.	4.5	466
46	Roles of chromatin remodellers in DNA double strand break repair. <i>Experimental Cell Research</i> , 2014, 329, 69-77.	1.2	58
47	Polo-like kinase 3 regulates CtIP during DNA double-strand break repair in G1. <i>Journal of Cell Biology</i> , 2014, 206, 877-894.	2.3	92
48	Robin Holliday 1932-2014. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 501-502.	3.6	1
49	The clinical impact of deficiency in DNA non-homologous end-joining. <i>DNA Repair</i> , 2014, 16, 84-96.	1.3	138
50	Reprint of "The clinical impact of deficiency in DNA non-homologous end-joining". <i>DNA Repair</i> , 2014, 17, 9-20.	1.3	11
51	Statistical analysis of kinetics, distribution and co-localisation of DNA repair foci in irradiated cells: Cell cycle effect and implications for prediction of radiosensitivity. <i>DNA Repair</i> , 2013, 12, 844-855.	1.3	40
52	The many faces of Artemis-deficient combined immunodeficiency " Two patients with DCLRE1C mutations and a systematic literature review of genotype-phenotype correlation. <i>Clinical Immunology</i> , 2013, 149, 464-474.	1.4	39
53	The complexity of DNA double strand breaks is a critical factor enhancing end-resection. <i>DNA Repair</i> , 2013, 12, 936-946.	1.3	71
54	Brief report: A human induced pluripotent stem cell model of cernunnos deficiency reveals an important role for XLF in the survival of the primitive hematopoietic progenitors. <i>Stem Cells</i> , 2013, 31, 2015-2023.	1.4	15

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55	The Repair and Signaling Responses to DNA Double-Strand Breaks. <i>Advances in Genetics</i> , 2013, 82, 1-45.	0.8	186
56	Diminished Origin-Licensing Capacity Specifically Sensitizes Tumor Cells to Replication Stress. <i>Molecular Cancer Research</i> , 2013, 11, 370-380.	1.5	38
57	Deficiency in Origin Licensing Proteins Impairs Cilia Formation: Implications for the Aetiology of Meier-Gorlin Syndrome. <i>PLoS Genetics</i> , 2013, 9, e1003360.	1.5	55
58	A noncatalytic function of the ligation complex during nonhomologous end joining. <i>Journal of Cell Biology</i> , 2013, 200, 173-186.	2.3	81
59	Opposing roles for 53BP1 during homologous recombination. <i>Nucleic Acids Research</i> , 2013, 41, 9719-9731.	6.5	74
60	Co-operation of BRCA1 and POH1 relieves the barriers posed by 53BP1 and RAP80 to resection. <i>Nucleic Acids Research</i> , 2013, 41, 10298-10311.	6.5	99
61	PRKDC mutations in a SCID patient with profound neurological abnormalities. <i>Journal of Clinical Investigation</i> , 2013, 123, 2969-2980.	3.9	121
62	Visualisation of $\gamma$ H2AX Foci Caused by Heavy Ion Particle Traversal; Distinction between Core Track versus Non-Track Damage. <i>PLoS ONE</i> , 2013, 8, e70107.	1.1	68
63	Identification of the First ATRIP-Deficient Patient and Novel Mutations in ATR Define a Clinical Spectrum for ATRIP-ATRIP Seckel Syndrome. <i>PLoS Genetics</i> , 2012, 8, e1002945.	1.5	104
64	Phosphoproteomic analysis reveals that PP4 dephosphorylates KAP-1 impacting the DNA damage response. <i>EMBO Journal</i> , 2012, 31, 2403-2415.	3.5	96
65	The Heterochromatic Barrier to DNA Double Strand Break Repair: How to Get the Entry Visa. <i>International Journal of Molecular Sciences</i> , 2012, 13, 11844-11860.	1.8	92
66	Irradiation induced foci (IRIF) as a biomarker for radiosensitivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 736, 39-47.	0.4	74
67	Ionizing radiation biomarkers for potential use in epidemiological studies. <i>Mutation Research - Reviews in Mutation Research</i> , 2012, 751, 258-286.	2.4	181
68	DNA double-strand break repair within heterochromatic regions. <i>Biochemical Society Transactions</i> , 2012, 40, 173-178.	1.6	33
69	<i>ASPM</i> influences DNA double-strand break repair and represents a potential target for radiotherapy. <i>International Journal of Radiation Biology</i> , 2011, 87, 1189-1195.	1.0	42
70	Understanding the limitations of radiation-induced cell cycle checkpoints. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2011, 46, 271-283.	2.3	166
71	The role of homologous recombination in radiation-induced double-strand break repair. <i>Radiotherapy and Oncology</i> , 2011, 101, 7-12.	0.3	161
72	Mutations in <i>ORC1</i> , encoding the largest subunit of the origin recognition complex, cause microcephalic primordial dwarfism resembling Meier-Gorlin syndrome. <i>Nature Genetics</i> , 2011, 43, 350-355.	9.4	189

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73	Factors determining DNA double-strand break repair pathway choice in G2 phase. EMBO Journal, 2011, 30, 1079-1092.	3.5	381
74	KAP-1 phosphorylation regulates CHD3 nucleosome remodeling during the DNA double-strand break response. Nature Structural and Molecular Biology, 2011, 18, 831-839.	3.6	205
75	Requirement for DNA Ligase IV during Embryonic Neuronal Development. Journal of Neuroscience, 2011, 31, 10088-10100.	1.7	57
76	Analysis of Human Syndromes with Disordered Chromatin Reveals the Impact of Heterochromatin on the Efficacy of ATM-Dependent G <sub>2</sub> /M Checkpoint Arrest. Molecular and Cellular Biology, 2011, 31, 4022-4035.	1.1	32
77	Checkpoint Control Following Radiation Exposure. , 2011, , 53-77.		0
78	An Artemis polymorphic variant reduces Artemis activity and confers cellular radiosensitivity. DNA Repair, 2010, 9, 1003-1010.	1.3	33
79	The influence of heterochromatin on DNA double strand break repair: Getting the strong, silent type to relax. DNA Repair, 2010, 9, 1273-1282.	1.3	269
80	A break is not the End; insight into the damage response to DNA double strand breaks. DNA Repair, 2010, 9, 1217-1218.	1.3	4
81	53BP1 promotes ATM activity through direct interactions with the MRN complex. EMBO Journal, 2010, 29, 574-585.	3.5	105
82	53BP1-dependent robust localized KAP-1 phosphorylation is essential for heterochromatic DNA double-strand break repair. Nature Cell Biology, 2010, 12, 177-184.	4.6	289
83	Sensitization to Radiation and Alkylating Agents by Inhibitors of Poly(ADP-ribose) Polymerase Is Enhanced in Cells Deficient in DNA Double-Strand Break Repair. Molecular Cancer Therapeutics, 2010, 9, 1775-1787.	1.9	118
84	Role of ATM and the Damage Response Mediator Proteins 53BP1 and MDC1 in the Maintenance of G <sub>2</sub> /M Checkpoint Arrest. Molecular and Cellular Biology, 2010, 30, 3371-3383.	1.1	97
85	The Limitations of the G1-S Checkpoint. Cancer Research, 2010, 70, 4412-4421.	0.4	70
86	̢H2AX foci analysis for monitoring DNA double-strand break repair: Strengths, limitations and optimization. Cell Cycle, 2010, 9, 662-669.	1.3	545
87	The Role of the DNA Damage Response Mechanisms after Low-Dose Radiation Exposure and a Consideration of Potentially Sensitive Individuals. Radiation Research, 2010, 174, 825-832.	0.7	35
88	Translesion DNA synthesis-assisted non-homologous end-joining of complex double-strand breaks prevents loss of DNA sequences in mammalian cells. Nucleic Acids Research, 2009, 37, 6737-6745.	6.5	25
89	XLF-Cernunnos promotes DNA ligase IV's XRCC4 re-adenylation following ligation. Nucleic Acids Research, 2009, 37, 482-492.	6.5	98
90	ATM and Artemis promote homologous recombination of radiation-induced DNA double-strand breaks in G2. EMBO Journal, 2009, 28, 3413-3427.	3.5	457

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91	Cellular radiosensitivity: How much better do we understand it?. International Journal of Radiation Biology, 2009, 85, 1061-1081.	1.0	148
92	The impact of heterochromatin on DSB repair. Biochemical Society Transactions, 2009, 37, 569-576.	1.6	138
93	RISKS FROM LOW DOSE/DOSE RATE RADIATION: WHAT AN UNDERSTANDING OF DNA DAMAGE RESPONSE MECHANISMS CAN TELL US. Health Physics, 2009, 97, 416-425.	0.3	23
94	Impaired lymphocyte development and antibody class switching and increased malignancy in a murine model of DNA ligase IV syndrome. Journal of Clinical Investigation, 2009, 119, 1696-1705.	3.9	33
95	'A mover and a shaker': 53BP1 allows DNA double-strand breaks a chance to dance and unite. F1000 Biology Reports, 2009, 1, 21.	4.0	7
96	Mutations in pericentrin cause Seckel syndrome with defective ATR-dependent DNA damage signaling. Nature Genetics, 2008, 40, 232-236.	9.4	281
97	The role of the DNA damage response pathways in brain development and microcephaly: Insight from human disorders. DNA Repair, 2008, 7, 1039-1050.	1.3	73
98	ATM Signaling Facilitates Repair of DNA Double-Strand Breaks Associated with Heterochromatin. Molecular Cell, 2008, 31, 167-177.	4.5	777
99	Replication independent ATR signalling leads to G2/M arrest requiring Nbs1, 53BP1 and MDC1. Human Molecular Genetics, 2008, 17, 3247-3253.	1.4	33
100	Chromosome breakage after G2 checkpoint release. Journal of Cell Biology, 2007, 176, 749-755.	2.3	220
101	Interaction of the Ku heterodimer with the DNA ligase IV/Xrcc4 complex and its regulation by DNA-PK. DNA Repair, 2007, 6, 712-722.	1.3	112
102	Cellular and Clinical Impact of Haploinsufficiency for Genes Involved in ATR Signaling. American Journal of Human Genetics, 2007, 81, 77-86.	2.6	68
103	An Imperfect G <sub>2</sub> /M Checkpoint Contributes to Chromosome Instability Following Irradiation of S and G <sub>2</sub> /Phase Cells. Cell Cycle, 2007, 6, 1682-1686.	1.3	93
104	DNA double-strand breaks: their cellular and clinical impact?. Oncogene, 2007, 26, 7717-7719.	2.6	226
105	The impact of a negligent G2/M checkpoint on genomic instability and cancer induction. Nature Reviews Cancer, 2007, 7, 861-869.	12.8	514
106	DNA repair is limiting for haematopoietic stem cells during ageing. Nature, 2007, 447, 686-690.	13.7	475
107	X-irradiation of cells on glass slides has a dose doubling impact. DNA Repair, 2007, 6, 1692-1697.	1.3	47
108	Identification of a novel motif in DNA ligases exemplified by DNA ligase IV. DNA Repair, 2006, 5, 788-798.	1.3	19

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109	Contribution of DNA repair and cell cycle checkpoint arrest to the maintenance of genomic stability. <i>DNA Repair</i> , 2006, 5, 1192-1198.	1.3	138
110	Radiation-induced DNA damage responses. <i>Radiation Protection Dosimetry</i> , 2006, 122, 124-127.	0.4	118
111	Regulation of mitotic entry by microcephalin and its overlap with ATR signalling. <i>Nature Cell Biology</i> , 2006, 8, 725-733.	4.6	164
112	The role of double-strand break repair " insights from human genetics. <i>Nature Reviews Genetics</i> , 2006, 7, 45-54.	7.7	514
113	DNA-PK autophosphorylation facilitates Artemis endonuclease activity. <i>EMBO Journal</i> , 2006, 25, 3880-3889.	3.5	281
114	ATR-dependent phosphorylation and activation of ATM in response to UV treatment or replication fork stalling. <i>EMBO Journal</i> , 2006, 25, 5775-5782.	3.5	319
115	Microcephalin: A Causal Link Between Impaired Damage Response Signalling and Microcephaly. <i>Cell Cycle</i> , 2006, 5, 2339-2344.	1.3	44
116	Radiation-induced delayed cell death in a hypomorphic Artemis cell line. <i>Human Molecular Genetics</i> , 2006, 15, 1303-1311.	1.4	35
117	Nbs1 is required for ATR-dependent phosphorylation events. <i>EMBO Journal</i> , 2005, 24, 199-208.	3.5	160
118	The life and death of DNA-PK. <i>Oncogene</i> , 2005, 24, 949-961.	2.6	400
119	Artemis links ATM to Double Strand Break Rejoining. <i>Cell Cycle</i> , 2005, 4, 359-362.	1.3	95
120	Phosphorylation of linker histones by DNA-dependent protein kinase is required for DNA ligase IV-dependent ligation in the presence of histone H1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1877-1882.	3.3	49
121	The two edges of the ATM sword: Co-operation between repair and checkpoint functions. <i>Radiotherapy and Oncology</i> , 2005, 76, 112-118.	0.3	72
122	Harmonising the response to DSBs: a new string in the ATM bow. <i>DNA Repair</i> , 2005, 4, 749-759.	1.3	91
123	Genomic Instability in Cancer Development. , 2005, 570, 175-197.		6
124	Analysis of DNA ligase IV mutations found in LIG4 syndrome patients: the impact of two linked polymorphisms. <i>Human Molecular Genetics</i> , 2004, 13, 2369-2376.	1.4	114
125	Seckel syndrome exhibits cellular features demonstrating defects in the ATR-signalling pathway. <i>Human Molecular Genetics</i> , 2004, 13, 3127-3138.	1.4	155
126	A Double-Strand Break Repair Defect in ATM-Deficient Cells Contributes to Radiosensitivity. <i>Cancer Research</i> , 2004, 64, 500-508.	0.4	328



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127	ATM and DNA-PK Function Redundantly to Phosphorylate H2AX after Exposure to Ionizing Radiation. <i>Cancer Research</i> , 2004, 64, 2390-2396.	0.4	896
128	AHNAK interacts with the DNA ligase IV/XRCC4 complex and stimulates DNA ligase IV-mediated double-stranded ligation. <i>DNA Repair</i> , 2004, 3, 245-256.	1.3	16
129	A Pathway of Double-Strand Break Rejoining Dependent upon ATM, Artemis, and Proteins Locating to $\gamma$ -H2AX Foci. <i>Molecular Cell</i> , 2004, 16, 715-724.	4.5	790
130	Healing the Wounds Inflicted by Sleeping Beauty Transposition by Double-Strand Break Repair in Mammalian Somatic Cells. <i>Molecular Cell</i> , 2004, 13, 279-290.	4.5	108
131	A splicing mutation affecting expression of ataxia-telangiectasia and Rad3-related protein (ATR) results in Seckel syndrome. <i>Nature Genetics</i> , 2003, 33, 497-501.	9.4	699
132	Ku Stimulation of DNA Ligase IV-dependent Ligation Requires Inward Movement along the DNA Molecule. <i>Journal of Biological Chemistry</i> , 2003, 278, 22466-22474.	1.6	69
133	Chk2 Is a Tumor Suppressor That Regulates Apoptosis in both an Ataxia Telangiectasia Mutated (ATM)-Dependent and an ATM-Independent Manner. <i>Molecular and Cellular Biology</i> , 2002, 22, 6521-6532.	1.1	354
134	The Greek Goddess, Artemis, reveals the secrets of her cleavage. <i>DNA Repair</i> , 2002, 1, 771-777.	1.3	41
135	Immunological disorders and DNA repair. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 509, 109-126.	0.4	25
136	Nbs1 promotes ATM dependent phosphorylation events including those required for G1/S arrest. <i>Oncogene</i> , 2002, 21, 4191-4199.	2.6	113
137	DNA Ligase IV Mutations Identified in Patients Exhibiting Developmental Delay and Immunodeficiency. <i>Molecular Cell</i> , 2001, 8, 1175-1185.	4.5	497
138	Immune diversity and genomic stability: opposite goals but similar paths. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 65, 88-96.	1.7	14
139	Cellular and Biochemical Impact of a Mutation in DNA Ligase IV Conferring Clinical Radiosensitivity. <i>Journal of Biological Chemistry</i> , 2001, 276, 31124-31132.	1.6	116
140	Splitting the ATM: distinct repair and checkpoint defects in ataxia-telangiectasia. <i>Trends in Genetics</i> , 1998, 14, 312-316.	2.9	154
141	Targeted Disruption of the Catalytic Subunit of the DNA-PK Gene in Mice Confers Severe Combined Immunodeficiency and Radiosensitivity. <i>Immunity</i> , 1998, 9, 355-366.	6.6	301
142	Menage Å; trois: Double strand break repair, V(D)J recombination and DNA-PK. <i>BioEssays</i> , 1995, 17, 949-957.	1.2	237
143	Nomenclature of human genes involved in ionizing radiation sensitivity. <i>Mutation Research DNA Repair</i> , 1995, 337, 131-134.	3.8	69
144	Defective DNA-dependent protein kinase activity is linked to V(D)J recombination and DNA repair defects associated with the murine scid mutation. <i>Cell</i> , 1995, 80, 813-823.	13.5	809

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145	Studies on mammalian mutants defective in rejoining double-strand breaks in DNA. Mutation Research - Reviews in Genetic Toxicology, 1990, 239, 1-16.	3.0	165