

Jean-Yves Masson

List of Publications by Year in descending order

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131
papers

8,660
citations

50276

46
h-index

49909

87
g-index

138
all docs

138
docs citations

138
times ranked

10916
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of BRCA2 in Control of the RAD51 Recombination and DNA Repair Protein. <i>Molecular Cell</i> , 2001, 7, 273-282.	9.7	617
2	PARP1-dependent Kinetics of Recruitment of MRE11 and NBS1 Proteins to Multiple DNA Damage Sites. <i>Journal of Biological Chemistry</i> , 2008, 283, 1197-1208.	3.4	469
3	DNA Double-Strand Break Repair Pathway Choice Is Directed by Distinct MRE11 Nuclease Activities. <i>Molecular Cell</i> , 2014, 53, 7-18.	9.7	466
4	Tumor suppressor and deubiquitinase BAP1 promotes DNA double-strand break repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 285-290.	7.1	300
5	RAD51C Is Required for Holliday Junction Processing in Mammalian Cells. <i>Science</i> , 2004, 303, 243-246.	12.6	289
6	Cooperation of breast cancer proteins PALB2 and piccolo BRCA2 in stimulating homologous recombination. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1247-1254.	8.2	268
7	Direct interaction of FANCD2 with BRCA2 in DNA damage response pathways. <i>Human Molecular Genetics</i> , 2004, 13, 1241-1248.	2.9	190
8	Arginine methylation of MRE11 by PRMT1 is required for DNA damage checkpoint control. <i>Genes and Development</i> , 2005, 19, 671-676.	5.9	181
9	Interplay between human DNA repair proteins at a unique double-strand break in vivo. <i>EMBO Journal</i> , 2006, 25, 222-231.	7.8	172
10	A <i>scp</i> >RAD</scp> 51 assay feasible in routine tumor samples calls <i>scp</i> >PARP</scp> inhibitor response beyond <i>scp</i> >BRCA</scp> mutation. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	169
11	The Hop2 and Mnd1 proteins act in concert with Rad51 and Dmc1 in meiotic recombination. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 449-453.	8.2	163
12	The Rad51 and Dmc1 recombinases: a non-identical twin relationship. <i>Trends in Biochemical Sciences</i> , 2001, 26, 131-136.	7.5	158
13	DYNLL1 binds to MRE11 to limit DNA end resection in BRCA1-deficient cells. <i>Nature</i> , 2018, 563, 522-526.	27.8	156
14	XRCC3 and Rad51 Modulate Replication Fork Progression on Damaged Vertebrate Chromosomes. <i>Molecular Cell</i> , 2003, 11, 1109-1117.	9.7	148
15	Mammalian Protein Arginine Methyltransferase 7 (PRMT7) Specifically Targets RXR Sites in Lysine- and Arginine-rich Regions. <i>Journal of Biological Chemistry</i> , 2013, 288, 37010-37025.	3.4	143
16	Reprogramming cellular events by poly(ADP-ribose)-binding proteins. <i>Molecular Aspects of Medicine</i> , 2013, 34, 1066-1087.	6.4	141
17	PARP activation regulates the RNA-binding protein NONO in the DNA damage response to DNA double-strand breaks. <i>Nucleic Acids Research</i> , 2012, 40, 10287-10301.	14.5	136
18	Coupling of Homologous Recombination and the Checkpoint by ATR. <i>Molecular Cell</i> , 2017, 65, 336-346.	9.7	133

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19	The meiosis-specific recombinase hDmc1 forms ring structures and interacts with hRad51. <i>EMBO Journal</i> , 1999, 18, 6552-6560.	7.8	123
20	Poly(ADP-ribose) polymerase-1 antagonizes DNA resection at double-strand breaks. <i>Nature Communications</i> , 2019, 10, 2954.	12.8	122
21	HELB Is a Feedback Inhibitor of DNA End Resection. <i>Molecular Cell</i> , 2016, 61, 405-418.	9.7	119
22	CBX4-mediated SUMO modification regulates BMI1 recruitment at sites of DNA damage. <i>Nucleic Acids Research</i> , 2012, 40, 5497-5510.	14.5	117
23	Arginine methylation of the <sc>DDX</sc> 5 helicase <sc>RGG</sc> / <sc>RG</sc> motif by <sc>PRMT</sc> 5 regulates resolution of RNA:DNA hybrids. <i>EMBO Journal</i> , 2019, 38, e100986.	7.8	117
24	The RNF138 E3 ligase displaces Ku to promote DNA end resection and regulate DNA repair pathway choice. <i>Nature Cell Biology</i> , 2015, 17, 1446-1457.	10.3	113
25	Emerging roles of eraser enzymes in the dynamic control of protein ADP-ribosylation. <i>Nature Communications</i> , 2019, 10, 1182.	12.8	113
26	<sc>SHLD</sc> 2/ <sc>FAM</sc> 35A coöperates with <sc>REV</sc> 7 to coordinate <sc>DNA</sc> doubleâ€strand break repair pathway choice. <i>EMBO Journal</i> , 2018, 37, .	7.8	111
27	A slipped-CAG DNA-binding small molecule induces trinucleotide-repeat contractions in vivo. <i>Nature Genetics</i> , 2020, 52, 146-159.	21.4	110
28	Reconstitution of the strand invasion step of double-strand break repair using human Rad51 Rad52 and RPA proteins. <i>Journal of Molecular Biology</i> , 2000, 304, 151-164.	4.2	104
29	RECQ-like helicases Sgs1 and BLM regulate R-loopâ€associated genome instability. <i>Journal of Cell Biology</i> , 2017, 216, 3991-4005.	5.2	90
30	Role of Mammalian RAD51L2 (RAD51C) in Recombination and Genetic Stability. <i>Journal of Biological Chemistry</i> , 2002, 277, 19322-19330.	3.4	88
31	DNA Damage Signalling and Repair Inhibitors: The Long-Sought-After Achillesâ€™ Heel of Cancer. <i>Biomolecules</i> , 2015, 5, 3204-3259.	4.0	85
32	The Tumor Suppressor PALB2: Inside Out. <i>Trends in Biochemical Sciences</i> , 2019, 44, 226-240.	7.5	83
33	DNA Repair Pathways in Trypanosomatids: from DNA Repair to Drug Resistance. <i>Microbiology and Molecular Biology Reviews</i> , 2014, 78, 40-73.	6.6	79
34	A Glycine-Arginine Domain in Control of the Human MRE11 DNA Repair Protein. <i>Molecular and Cellular Biology</i> , 2008, 28, 3058-3069.	2.3	76
35	Breast Cancer Proteins PALB2 and BRCA2 Stimulate Polymerase Î in Recombination-Associated DNA Synthesis at Blocked Replication Forks. <i>Cell Reports</i> , 2014, 6, 553-564.	6.4	72
36	Methylation of MRE11 Regulates its Nuclear Compartmentalization. <i>Cell Cycle</i> , 2005, 4, 981-989.	2.6	70

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37	The Transcriptional Histone Acetyltransferase Cofactor TRRAP Associates with the MRN Repair Complex and Plays a Role in DNA Double-Strand Break Repair. <i>Molecular and Cellular Biology</i> , 2006, 26, 402-412.	2.3	68
38	The MRE11 GAR motif regulates DNA double-strand break processing and ATR activation. <i>Cell Research</i> , 2012, 22, 305-320.	12.0	68
39	Functional and Structural Basis for a Bacteriophage Homolog of Human RAD52. <i>Current Biology</i> , 2008, 18, 1142-1146.	3.9	66
40	A PALB2-interacting domain in RNF168 couples homologous recombination to DNA break-induced chromatin ubiquitylation. <i>ELife</i> , 2017, 6, .	6.0	65
41	Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation (PERSPECTIVE I&#amp;l). <i>Journal of Personalized Medicine</i> , 2021, 11, 511.	2.5	59
42	MRE11â€™RAD50â€™NBS1 is a critical regulator of FANCD2 stability and function during DNA double-strand break repair. <i>EMBO Journal</i> , 2009, 28, 2400-2413.	7.8	56
43	The microRNA pathway controls germ cell proliferation and differentiation in <i>C. elegans</i> . <i>Cell Research</i> , 2012, 22, 1034-1045.	12.0	56
44	MRE11-RAD50-NBS1 promotes Fanconi Anemia R-loop suppression at transcriptionâ€™replication conflicts. <i>Nature Communications</i> , 2019, 10, 4265.	12.8	55
45	A Yeast Homologue of the Human Phosphotyrosyl Phosphatase Activator PTPA Is Implicated in Protection against Oxidative DNA Damage Induced by the Model Carcinogen 4-Nitroquinoline 1-Oxide. <i>Journal of Biological Chemistry</i> , 1998, 273, 21489-21496.	3.4	54
46	Conformational Changes Modulate the Activity of Human RAD51 Protein. <i>Journal of Molecular Biology</i> , 2004, 337, 817-827.	4.2	53
47	Primary sequence of the chitosanase from <i>Streptomyces</i> sp. strain N174 and comparison with other endoglycosidases. <i>Gene</i> , 1994, 140, 103-107.	2.2	51
48	Fanconi Anemia Group J Helicase and MRE11 Nuclease Interact To Facilitate the DNA Damage Response. <i>Molecular and Cellular Biology</i> , 2013, 33, 2212-2227.	2.3	51
49	ChAM, a novel motif that mediates PALB2 intrinsic chromatin binding and facilitates DNA repair. <i>EMBO Reports</i> , 2012, 13, 135-141.	4.5	49
50	The Werner syndrome protein affects the expression of genes involved in adipogenesis and inflammation in addition to cell cycle and DNA damage responses. <i>Cell Cycle</i> , 2009, 8, 2080-2092.	2.6	48
51	PALB2 self-interaction controls homologous recombination. <i>Nucleic Acids Research</i> , 2012, 40, 10312-10323.	14.5	48
52	The RAD51 paralogs ensure cellular protection against mitotic defects and aneuploidy. <i>Journal of Cell Science</i> , 2013, 126, 348-359.	2.0	47
53	Roles for APRIN (PDS5B) in homologous recombination and in ovarian cancer prediction. <i>Nucleic Acids Research</i> , 2016, 44, 10879-10897.	14.5	47
54	Irinotecan and DNA-PKcs inhibitors synergize in killing of colon cancer cells. <i>Investigational New Drugs</i> , 2012, 30, 1248-1256.	2.6	45

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55	Replication Protein A Availability during DNA Replication Stress Is a Major Determinant of Cisplatin Resistance in Ovarian Cancer Cells. <i>Cancer Research</i> , 2018, 78, 5561-5573.	0.9	45
56	Functional analysis of genetic variants in the high-risk breast cancer susceptibility gene PALB2. <i>Nature Communications</i> , 2019, 10, 5296.	12.8	45
57	Fission Yeast Rad51 and Dmc1, Two Efficient DNA Recombinases Forming Helical Nucleoprotein Filaments. <i>Molecular and Cellular Biology</i> , 2005, 25, 4377-4387.	2.3	44
58	DDX5 resolves R-loops at DNA double-strand breaks to promote DNA repair and avoid chromosomal deletions. <i>NAR Cancer</i> , 2020, 2, zcaa028.	3.1	44
59	Genome-wide R-loop analysis defines unique roles for DDX5, XRN2, and PRMT5 in DNA/RNA hybrid resolution. <i>Life Science Alliance</i> , 2020, 3, e202000762.	2.8	43
60	Stimulation of fission yeast and mouse Hop2-Mnd1 of the Dmc1 and Rad51 recombinases. <i>Nucleic Acids Research</i> , 2007, 35, 2719-2733.	14.5	42
61	Functional characterization of 84 PALB2 variants of uncertain significance. <i>Genetics in Medicine</i> , 2020, 22, 622-632.	2.4	40
62	Proteome-wide Identification of WRN-Interacting Proteins in Untreated and Nuclease-Treated Samples. <i>Journal of Proteome Research</i> , 2011, 10, 1216-1227.	3.7	39
63	A global functional analysis of missense mutations reveals two major hotspots in the PALB2 tumor suppressor. <i>Nucleic Acids Research</i> , 2019, 47, 10662-10677.	14.5	39
64	Detection of the HIV-1 Minus-Strand-Encoded Antisense Protein and Its Association with Autophagy. <i>Journal of Virology</i> , 2013, 87, 5089-5105.	3.4	38
65	Perturbing cohesin dynamics drives MRE11 nuclease-dependent replication fork slowing. <i>Nucleic Acids Research</i> , 2019, 47, 1294-1310.	14.5	38
66	A Fanci knockout mouse model reveals common and distinct functions for FANCI and FANCD2. <i>Nucleic Acids Research</i> , 2019, 47, 7532-7547.	14.5	36
67	BRN2 suppresses apoptosis, reprograms DNA damage repair, and is associated with a high somatic mutation burden in melanoma. <i>Genes and Development</i> , 2019, 33, 310-332.	5.9	35
68	FAN1, a DNA Repair Nuclease, as a Modifier of Repeat Expansion Disorders. <i>Journal of Huntington's Disease</i> , 2021, 10, 95-122.	1.9	34
69	Exploring the roles of PALB2 at the crossroads of DNA repair and cancer. <i>Biochemical Journal</i> , 2014, 460, 331-342.	3.7	33
70	Variants of uncertain clinical significance in hereditary breast and ovarian cancer genes: best practices in functional analysis for clinical annotation. <i>Journal of Medical Genetics</i> , 2020, 57, 509-518.	3.2	33
71	Interactions between BRCA2 and RAD51 for promoting homologous recombination in <i>Leishmania infantum</i> . <i>Nucleic Acids Research</i> , 2012, 40, 6570-6584.	14.5	32
72	Recovery of deficient homologous recombination in Brca2-depleted mouse cells by wild-type Rad51 expression. <i>DNA Repair</i> , 2009, 8, 170-181.	2.8	31

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73	PRMT7 methylates eukaryotic translation initiation factor 2 ^{1±} and regulates its role in stress granule formation. <i>Molecular Biology of the Cell</i> , 2019, 30, 778-793.	2.1	31
74	Normal processing of AP sites in <i>Apn1</i> deficient <i>Saccharomyces cerevisiae</i> is restored by <i>Escherichia coli</i> genes expressing either exonuclease III or endonuclease III. <i>Molecular Microbiology</i> , 1997, 24, 711-721.	2.5	30
75	Cancer-causing mutations in the tumor suppressor PALB2 reveal a novel cancer mechanism using a hidden nuclear export signal in the WD40 repeat motif. <i>Nucleic Acids Research</i> , 2017, 45, 2644-2657.	14.5	30
76	The Canadian Rare Diseases Models and Mechanisms (RDMM) Network: Connecting Understudied Genes to Model Organisms. <i>American Journal of Human Genetics</i> , 2020, 106, 143-152.	6.2	30
77	Starvation-induced proteasome assemblies in the nucleus link amino acid supply to apoptosis. <i>Nature Communications</i> , 2021, 12, 6984.	12.8	29
78	Chromosomal Translocations in the Parasite <i>Leishmania</i> by a MRE11/RAD50-Independent Microhomology-Mediated End Joining Mechanism. <i>PLoS Genetics</i> , 2016, 12, e1006117.	3.5	28
79	Synergistic effects of type I PRMT and PARP inhibitors against non-small cell lung cancer cells. <i>Clinical Epigenetics</i> , 2021, 13, 54.	4.1	28
80	The <i>Caenorhabditis elegans</i> gene <i>CeAPN1</i> encodes a homolog of <i>Escherichia coli</i> and yeast apurinic/apyrimidinic endonuclease. <i>Gene</i> , 1996, 179, 291-293.	2.2	27
81	Limiting the DNA Double-Strand Break Resectosome for Genome Protection. <i>Trends in Biochemical Sciences</i> , 2020, 45, 779-793.	7.5	27
82	Phospho-dependent recruitment of the yeast NuA4 acetyltransferase complex by MRX at DNA breaks regulates RPA dynamics during resection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10028-10033.	7.1	25
83	Cumulative defects in DNA repair pathways drive the PARP inhibitor response in high-grade serous epithelial ovarian cancer cell lines. <i>Oncotarget</i> , 2017, 8, 40152-40168.	1.8	25
84	Twists and turns in the function of DNA damage signaling and repair proteins by post-translational modifications. <i>DNA Repair</i> , 2007, 6, 561-577.	2.8	24
85	Lactococcal phage p2 ORF35 ^{ak3} is an ATPase involved in DNA recombination and <i>AbiK</i> mechanism. <i>Molecular Microbiology</i> , 2011, 80, 102-116.	2.5	23
86	Formation of Linear Amplicons with Inverted Duplications in <i>Leishmania</i> Requires the MRE11 Nuclease. <i>PLoS Genetics</i> , 2014, 10, e1004805.	3.5	23
87	Roles of Rad51 paralogs for promoting homologous recombination in <i>Leishmania infantum</i> . <i>Nucleic Acids Research</i> , 2015, 43, 2701-2715.	14.5	23
88	Special AT-rich Sequence-binding Protein 1 (SATB1) Functions as an Accessory Factor in Base Excision Repair. <i>Journal of Biological Chemistry</i> , 2016, 291, 22769-22780.	3.4	22
89	The Effect of a DNA Repair Gene on Cellular Invasiveness: <i>Xrcc3</i> Over-Expression in Breast Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e16394.	2.5	20
90	The identification of FANCD2 DNA binding domains reveals nuclear localization sequences. <i>Nucleic Acids Research</i> , 2017, 45, 8341-8357.	14.5	20

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91	Targeting Allostery with Avatars to Design Inhibitors Assessed by Cell Activity: Dissecting MRE11 Endo- and Exonuclease Activities. <i>Methods in Enzymology</i> , 2018, 601, 205-241.	1.0	20
92	CSB interacts with BRCA1 in late S/G2 to promote MRN- and CtIP-mediated DNA end resection. <i>Nucleic Acids Research</i> , 2019, 47, 10678-10692.	14.5	20
93	E4F1 Is a Master Regulator of CHK1-Mediated Functions. <i>Cell Reports</i> , 2015, 11, 210-219.	6.4	19
94	CRB3A Controls the Morphology and Cohesion of Cancer Cells through Ehm2/p114RhoGEF-Dependent Signaling. <i>Molecular and Cellular Biology</i> , 2015, 35, 3423-3435.	2.3	19
95	SAM68 interaction with U1A modulates U1 snRNP recruitment and regulates mTor pre-mRNA splicing. <i>Nucleic Acids Research</i> , 2019, 47, 4181-4197.	14.5	19
96	FAN1 exo- not endo-nuclease pausing on disease-associated slipped-DNA repeats: A mechanism of repeat instability. <i>Cell Reports</i> , 2021, 37, 110078.	6.4	19
97	Synthesis, Biological Evaluation, and Structure-Activity Relationships of Novel Substituted <i>N</i> -Phenyl Ureidobenzenesulfonate Derivatives Blocking Cell Cycle Progression in S-Phase and Inducing DNA Double-Strand Breaks. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6194-6208.	6.4	18
98	Novel RNA and DNA strand exchange activity of the PALB2 DNA binding domain and its critical role for DNA repair in cells. <i>ELife</i> , 2019, 8, .	6.0	18
99	A Key Role for Poly(ADP-Ribose) Polymerase 3 in Ectodermal Specification and Neural Crest Development. <i>PLoS ONE</i> , 2011, 6, e15834.	2.5	17
100	A <i>Saccharomyces cerevisiae</i> phleomycin-sensitive mutant, phl40, is defective in the RAD6 DNA repair gene. <i>Canadian Journal of Microbiology</i> , 1996, 42, 1263-1266.	1.7	16
101	Structure and function of phage p2 ORF34 _{p2} , a new type of single-stranded DNA binding protein. <i>Molecular Microbiology</i> , 2009, 73, 1156-1170.	2.5	15
102	Development of a 3D functional assay and identification of biomarkers, predictive for response of high-grade serous ovarian cancer (HGSOC) patients to poly-ADP ribose polymerase inhibitors (PARPis): targeted therapy. <i>Journal of Translational Medicine</i> , 2020, 18, 439.	4.4	15
103	The Transcriptional Activator Imp2p Maintains Ion Homeostasis in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1998, 149, 893-901.	2.9	15
104	Functional mitochondria are essential for <i>Saccharomyces cerevisiae</i> cellular resistance to bleomycin. <i>Current Genetics</i> , 1996, 30, 279-283.	1.7	14
105	CRISPR/Cas9 Gene Editing: From Basic Mechanisms to Improved Strategies for Enhanced Genome Engineering In Vivo. <i>Current Gene Therapy</i> , 2018, 17, 263-274.	2.0	14
106	A <i>Saccharomyces cerevisiae</i> mutant defines a new locus essential for resistance to the antitumour drug bleomycin. <i>Canadian Journal of Microbiology</i> , 1996, 42, 835-843.	1.7	13
107	PALB2 Variants: Protein Domains and Cancer Susceptibility. <i>Trends in Cancer</i> , 2021, 7, 188-197.	7.4	13
108	SUMOylation mediates CtIP's functions in DNA end resection and replication fork protection. <i>Nucleic Acids Research</i> , 2021, 49, 928-953.	14.5	13

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109	A functionally impaired missense variant identified in French Canadian families implicates FANCI as a candidate ovarian cancer-predisposing gene. <i>Genome Medicine</i> , 2021, 13, 186.	8.2	12
110	ZNF768 links oncogenic RAS to cellular senescence. <i>Nature Communications</i> , 2021, 12, 4841.	12.8	11
111	<i>Saccharomyces cerevisiae</i> DNA repair processes: an update. <i>Molecular and Cellular Biochemistry</i> , 1979, 158, 65-75.	3.1	10
112	Animal models of Fanconi anemia: A developmental and therapeutic perspective on a multifaceted disease. <i>Seminars in Cell and Developmental Biology</i> , 2021, 113, 113-131.	5.0	10
113	Lysine methylation of FEN1 by SET7 is essential for its cellular response to replicative stress. <i>Oncotarget</i> , 2017, 8, 64918-64931.	1.8	10
114	XAB2 promotes Ku eviction from single-ended DNA double-strand breaks independently of the ATM kinase. <i>Nucleic Acids Research</i> , 2021, 49, 9906-9925.	14.5	8
115	Synthesis and biological evaluation of novel N-phenyl ureidobenzenesulfonate derivatives as potential anticancer agents. Part 2. Modulation of the ring B. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 563-573.	5.5	7
116	Exploring the multiple facets of the meiotic recombinase Dmc1. <i>BioEssays</i> , 2004, 26, 1151-1155.	2.5	6
117	ABRAXAS (FAM175A) and Breast Cancer Susceptibility: No Evidence of Association in the Breast Cancer Family Registry. <i>PLoS ONE</i> , 2016, 11, e0156820.	2.5	5
118	Molecular Determinant of DIDS Analogs Targeting RAD51 Activity. <i>Molecules</i> , 2021, 26, 5460.	3.8	5
119	A DNA repair-independent role for alkyladenine DNA glycosylase in alkylation-induced unfolded protein response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5
120	Cockayne syndrome group B protein regulates fork restart, fork progression and MRE11-dependent fork degradation in BRCA1/2-deficient cells. <i>Nucleic Acids Research</i> , 2021, 49, 12836-12854.	14.5	5
121	The <i>Schizosaccharomyces pombe</i> spqM gene is a new member of the Qm transcription factor family. <i>Gene</i> , 1996, 170, 153-154.	2.2	4
122	Addressing the dark matter of gene therapy: technical and ethical barriers to clinical application. <i>Human Genetics</i> , 2021, , 1.	3.8	4
123	The Genetic and Molecular Analyses of RAD51C and RAD51D Identifies Rare Variants Implicated in Hereditary Ovarian Cancer from a Genetically Unique Population. <i>Cancers</i> , 2022, 14, 2251.	3.7	4
124	Interactions of the Rad51 inhibitor DIDS with human and bovine serum albumins: Optical spectroscopy and isothermal calorimetry approaches. <i>Biochimie</i> , 2019, 167, 187-197.	2.6	3
125	Missense PALB2 germline variant disrupts nuclear localization of PALB2 in a patient with breast cancer. <i>Familial Cancer</i> , 2020, 19, 123-131.	1.9	3
126	Different non-synonymous polymorphisms modulate the interaction of the WRN protein to its protein partners and its enzymatic activities. <i>Oncotarget</i> , 2016, 7, 85680-85696.	1.8	3

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127	Assessment of Global DNA Double-Strand End Resection using BrdU-DNA Labeling coupled with Cell Cycle Discrimination Imaging. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
128	FANCD2: A DNA binding protein regulated by MRE11-RAD50-NBS1. <i>Cell Cycle</i> , 2010, 9, 209-210.	2.6	1
129	Partners apart: Smc6-independent DNA binding activity of Smc5 on single-strand DNA. <i>Cell Cycle</i> , 2011, 10, 1025-1030.	2.6	1
130	Common Variant in ALDH2 Modifies the Risk of Breast Cancer Among Carriers of the p.K3326* Variant in BRCA2. <i>JCO Precision Oncology</i> , 2022, 6, e2100450.	3.0	1
131	Functions of the CSB Protein at Topoisomerase 2 Inhibitors-Induced DNA Lesions. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 727836.	3.7	0