

Minoru Takata

List of Publications by Year in descending order

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149
papers

12,550
citations

22132

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153
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153
docs citations

153
times ranked

10815
citing authors

#	ARTICLE	IF	CITATIONS
1	Homologous recombination and non-homologous end-joining pathways of DNA double-strand break repair have overlapping roles in the maintenance of chromosomal integrity in vertebrate cells. EMBO Journal, 1998, 17, 5497-5508.	3.5	1,076
2	Rad51-deficient vertebrate cells accumulate chromosomal breaks prior to cell death. EMBO Journal, 1998, 17, 598-608.	3.5	743
3	Chromosome Instability and Defective Recombinational Repair in Knockout Mutants of the Five Rad51 Paralogs. Molecular and Cellular Biology, 2001, 21, 2858-2866.	1.1	495
4	A role for Bruton's tyrosine kinase in B cell antigen receptor-mediated activation of phospholipase C-gamma 2.. Journal of Experimental Medicine, 1996, 184, 31-40.	4.2	455
5	Sister Chromatid Exchanges Are Mediated by Homologous Recombination in Vertebrate Cells. Molecular and Cellular Biology, 1999, 19, 5166-5169.	1.1	392
6	Genetic evidence for involvement of type 1, type 2 and type 3 inositol 1,4,5-trisphosphate receptors in signal transduction through the B-cell antigen receptor. EMBO Journal, 1997, 16, 3078-3088.	3.5	377
7	Syk activation by the Src-family tyrosine kinase in the B cell receptor signaling.. Journal of Experimental Medicine, 1994, 179, 1725-1729.	4.2	286
8	Nbs1 is essential for DNA repair by homologous recombination in higher vertebrate cells. Nature, 2002, 420, 93-98.	13.7	263
9	The Rad51 Paralog Rad51B Promotes Homologous Recombinational Repair. Molecular and Cellular Biology, 2000, 20, 6476-6482.	1.1	242
10	Homologous Recombination, but Not DNA Repair, Is Reduced in Vertebrate Cells Deficient in <i>Rad52</i> . Molecular and Cellular Biology, 1998, 18, 6430-6435.	1.1	224
11	Ablation of XRCC2/3 transforms immunoglobulin V gene conversion into somatic hypermutation. Nature, 2001, 412, 921-926.	13.7	210
12	FANCI phosphorylation functions as a molecular switch to turn on the Fanconi anemia pathway. Nature Structural and Molecular Biology, 2008, 15, 1138-1146.	3.6	207
13	Requirement of phospholipase C-gamma 2 activation in surface immunoglobulin M-induced B cell apoptosis.. Journal of Experimental Medicine, 1995, 182, 907-914.	4.2	192
14	Multiple roles of Rev3, the catalytic subunit of pol β in maintaining genome stability in vertebrates. EMBO Journal, 2003, 22, 3188-3197.	3.5	183
15	Deubiquitination of FANCD2 Is Required for DNA Crosslink Repair. Molecular Cell, 2007, 28, 798-809.	4.5	180
16	Multiple Repair Pathways Mediate Tolerance to Chemotherapeutic Cross-linking Agents in Vertebrate Cells. Cancer Research, 2005, 65, 11704-11711.	0.4	172
17	Emergence of Epidermal Growth Factor Receptor T790M Mutation during Chronic Exposure to Gefitinib in a Non- $\small\text{K}^{\text{R}}$ Small Cell Lung Cancer Cell Line. Cancer Research, 2007, 67, 7807-7814.	0.4	170
18	BTK as a Mediator of Radiation-Induced Apoptosis in DT-40 Lymphoma B Cells. Science, 1996, 273, 1096-1100.	6.0	169

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19	Involvement of SLX4 in interstrand cross-link repair is regulated by the Fanconi anemia pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6492-6496.	3.3	169
20	Formaldehyde catabolism is essential in cells deficient for the Fanconi anemia DNA-repair pathway. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1432-1434.	3.6	162
21	Variant ALDH2 is associated with accelerated progression of bone marrow failure in Japanese Fanconi anemia patients. <i>Blood</i> , 2013, 122, 3206-3209.	0.6	156
22	Biallelic mutations in the ubiquitin ligase RFWD3 cause Fanconi anemia. <i>Journal of Clinical Investigation</i> , 2017, 127, 3013-3027.	3.9	156
23	Cells Deficient in the FANC/BRCA Pathway Are Hypersensitive to Plasma Levels of Formaldehyde. <i>Cancer Research</i> , 2007, 67, 11117-11122.	0.4	154
24	Efficient rejoining of radiation-induced DNA double-strand breaks in vertebrate cells deficient in genes of the RAD52 epistasis group. <i>Oncogene</i> , 2001, 20, 2212-2224.	2.6	149
25	Homologous DNA recombination in vertebrate cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 8388-8394.	3.3	143
26	Genetic Analysis of the DNA-dependent Protein Kinase Reveals an Inhibitory Role of Ku in Late Sâ€“G2 Phase DNA Double-strand Break Repair. <i>Journal of Biological Chemistry</i> , 2001, 276, 44413-44418.	1.6	142
27	Fanconi Anemia FANCG Protein in Mitigating Radiation- and Enzyme-Induced DNA Double-Strand Breaks by Homologous Recombination in Vertebrate Cells. <i>Molecular and Cellular Biology</i> , 2003, 23, 5421-5430.	1.1	142
28	Protein Kinase C Î¼ (PKCÎ¼) Associates with the B Cell Antigen Receptor Complex and Regulates Lymphocyte Signaling. <i>Immunity</i> , 1996, 5, 353-363.	6.6	135
29	A FancD2-Monoubiquitin Fusion Reveals Hidden Functions of Fanconi Anemia Core Complex in DNA Repair. <i>Molecular Cell</i> , 2005, 19, 841-847.	4.5	134
30	FAAP100 is essential for activation of the Fanconi anemia-associated DNA damage response pathway. <i>EMBO Journal</i> , 2007, 26, 2104-2114.	3.5	130
31	Fanconi Anemia Protein FANCD2 Promotes Immunoglobulin Gene Conversion and DNA Repair through a Mechanism Related to Homologous Recombination. <i>Molecular and Cellular Biology</i> , 2005, 25, 34-43.	1.1	127
32	Mcm8 and Mcm9 Form a Complex that Functions in Homologous Recombination Repair Induced by DNA Interstrand Crosslinks. <i>Molecular Cell</i> , 2012, 47, 511-522.	4.5	125
33	Homologous-pairing activity of the human DNA-repair proteins Xrcc3*Rad51C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5538-5543.	3.3	123
34	RFWD3-Mediated Ubiquitination Promotes Timely Removal of Both RPA and RAD51 from DNA Damage Sites to Facilitate Homologous Recombination. <i>Molecular Cell</i> , 2017, 66, 622-634.e8.	4.5	123
35	Rad52 partially substitutes for the Rad51 paralog XRCC3 in maintaining chromosomal integrity in vertebrate cells. <i>EMBO Journal</i> , 2001, 20, 5513-5520.	3.5	117
36	Functional relationships of FANCC to homologous recombination, translesion synthesis, and BLM. <i>EMBO Journal</i> , 2005, 24, 418-427.	3.5	117

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37	The Essential Functions of Human Rad51 Are Independent of ATP Hydrolysis. <i>Molecular and Cellular Biology</i> , 1999, 19, 6891-6897.	1.1	108
38	Exposure of B-lineage Lymphoid Cells to Low Energy Electromagnetic Fields Stimulates Lyn Kinase. <i>Journal of Biological Chemistry</i> , 1995, 270, 27666-27670.	1.6	106
39	Mutations in the Gene Encoding the E2 Conjugating Enzyme UBE2T Cause Fanconi Anemia. <i>American Journal of Human Genetics</i> , 2015, 96, 1001-1007.	2.6	100
40	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , 2015, 145, 78-179.	0.6	97
41	Physical and functional association of the cbl protooncogen product with an src-family protein tyrosine kinase, p53/56lyn, in the B cell antigen receptor-mediated signaling.. <i>Journal of Experimental Medicine</i> , 1996, 183, 675-680.	4.2	93
42	Role of NAD-dependent deacetylases SIRT1 and SIRT2 in radiation and cisplatin-induced cell death in vertebrate cells. <i>Genes To Cells</i> , 2005, 10, 321-332.	0.5	93
43	Two Aldehyde Clearance Systems Are Essential to Prevent Lethal Formaldehyde Accumulation in Mice and Humans. <i>Molecular Cell</i> , 2020, 80, 996-1012.e9.	4.5	92
44	Requirement of Src Kinase Lyn for Induction of DNA Synthesis by Granulocyte Colony-stimulating Factor. <i>Journal of Biological Chemistry</i> , 1998, 273, 3230-3235.	1.6	88
45	Involvement of Vertebrate PolI ^β in Rad18-independent Postreplication Repair of UV Damage. <i>Journal of Biological Chemistry</i> , 2002, 277, 48690-48695.	1.6	87
46	Histone Methylation by SETD1A Protects Nascent DNA through the Nucleosome Chaperone Activity of FANCD2. <i>Molecular Cell</i> , 2018, 71, 25-41.e6.	4.5	87
47	Current Topics in DNA Double-Strand Break Repair. <i>Journal of Radiation Research</i> , 2008, 49, 93-103.	0.8	84
48	Similar Effects of Brca2 Truncation and Rad51 Paralog Deficiency on Immunoglobulin V Gene Diversification in DT40 Cells Support an Early Role for Rad51 Paralogs in Homologous Recombination. <i>Molecular and Cellular Biology</i> , 2005, 25, 1124-1134.	1.1	83
49	Tyrosine Phosphorylation of Shc Is Mediated through Lyn and Syk in B Cell Receptor Signaling. <i>Journal of Biological Chemistry</i> , 1995, 270, 6824-6829.	1.6	82
50	FANCG promotes formation of a newly identified protein complex containing BRCA2, FANCD2 and XRCC3. <i>Oncogene</i> , 2008, 27, 3641-3652.	2.6	82
51	Modularized Functions of the Fanconi Anemia Core Complex. <i>Cell Reports</i> , 2014, 7, 1849-1857.	2.9	81
52	DNA robustly stimulates FANCD2 monoubiquitylation in the complex with FANCI. <i>Nucleic Acids Research</i> , 2012, 40, 4553-4561.	6.5	79
53	Predisposition to Cancer Caused by Genetic and Functional Defects of Mammalian Atad5. <i>PLoS Genetics</i> , 2011, 7, e1002245.	1.5	73
54	FANCD2 Binds CtIP and Regulates DNA-End Resection during DNA Interstrand Crosslink Repair. <i>Cell Reports</i> , 2014, 7, 1039-1047.	2.9	73

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55	KIAA1018/FAN1 nuclease protects cells against genomic instability induced by interstrand cross-linking agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21553-21557.	3.3	72
56	DNA Cross-Link Repair Protein SNM1A Interacts with PIAS1 in Nuclear Focus Formation. <i>Molecular and Cellular Biology</i> , 2004, 24, 10733-10741.	1.1	70
57	Fanconi anemia: a disorder defective in the DNA damage response. <i>International Journal of Hematology</i> , 2011, 93, 417-424.	0.7	70
58	Replication stress induces accumulation of FANCD2 at central region of large fragile genes. <i>Nucleic Acids Research</i> , 2018, 46, 2932-2944.	6.5	70
59	Clinical utility of next-generation sequencing for inherited bone marrow failure syndromes. <i>Genetics in Medicine</i> , 2017, 19, 796-802.	1.1	66
60	ATR-ATRIP Kinase Complex Triggers Activation of the Fanconi Anemia DNA Repair Pathway. <i>Cancer Research</i> , 2012, 72, 1149-1156.	0.4	62
61	Histone chaperone activity of Fanconi anemia proteins, FANCD2 and FANCI, is required for DNA crosslink repair. <i>EMBO Journal</i> , 2012, 31, 3524-3536.	3.5	61
62	A Ubiquitin-Binding Protein, FAAP20, Links RNF8-Mediated Ubiquitination to the Fanconi Anemia DNA Repair Network. <i>Molecular Cell</i> , 2012, 47, 61-75.	4.5	61
63	Cooperation of Tyrosine Kinases P72syk and P53/56lyn Regulates Calcium Mobilization in Chicken B Cell Oxidant Stress Signaling. <i>FEBS Journal</i> , 1996, 236, 443-449.	0.2	59
64	USP1 deubiquitinase maintains phosphorylated CHK1 by limiting its DDB1-dependent degradation. <i>Human Molecular Genetics</i> , 2011, 20, 2171-2181.	1.4	57
65	Defining the molecular interface that connects the Fanconi anemia protein FANCM to the Bloom syndrome dissolvosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4437-4442.	3.3	56
66	Synergistic Effect of Olaparib with Combination of Cisplatin on PTEN-Deficient Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2013, 11, 140-148.	1.5	55
67	Recombination repair pathway in the maintenance of chromosomal integrity against DNA interstrand crosslinks. <i>Cytogenetic and Genome Research</i> , 2004, 104, 28-34.	0.6	54
68	Comparison of Genetic Profiles Between Primary Melanomas and their Metastases Reveals Genetic Alterations and Clonal Evolution During Progression. <i>Journal of Investigative Dermatology</i> , 1998, 111, 919-924.	0.3	51
69	FANCD2 protects genome stability by recruiting RNA processing enzymes to resolve R-loops during mild replication stress. <i>FEBS Journal</i> , 2019, 286, 139-150.	2.2	51
70	A novel interplay between the Fanconi anemia core complex and ATR-ATRIP kinase during DNA cross-link repair. <i>Nucleic Acids Research</i> , 2013, 41, 6930-6941.	6.5	50
71	Reverse genetic studies of homologous DNA recombination using the chicken lymphocyte line, DT40. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 111-117.	1.8	48
72	Activation of downstream epidermal growth factor receptor (EGFR) signaling provides gefitinib-resistance in cells carrying EGFR mutation. <i>Cancer Science</i> , 2007, 98, 357-363.	1.7	48

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73	Bloom syndrome complex promotes FANCM recruitment to stalled replication forks and facilitates both repair and traverse of DNA interstrand crosslinks. <i>Cell Discovery</i> , 2016, 2, 16047.	3.1	47
74	Effects of double-strand break repair proteins on vertebrate telomere structure. <i>Nucleic Acids Research</i> , 2002, 30, 2862-2870.	6.5	46
75	BM-ca is a newly defined type I/II anti-CD20 monoclonal antibody with unique biological properties. <i>International Journal of Oncology</i> , 2011, 38, 335-44.	1.4	45
76	FANCI-FANCD2 stabilizes the RAD51-DNA complex by binding RAD51 and protects the 5' end of DNA. <i>Nucleic Acids Research</i> , 2016, 44, 10758-10771.	6.5	44
77	53BP1 contributes to survival of cells irradiated with X-ray during G1 without Ku70 or Artemis. <i>Genes To Cells</i> , 2006, 11, 935-948.	0.5	43
78	KU70/80, DNA-PKcs, and Artemis are essential for the rapid induction of apoptosis after massive DSB formation. <i>Cellular Signalling</i> , 2008, 20, 1978-1985.	1.7	43
79	Epidermal Growth Factor Receptor Mutation Status and Adjuvant Chemotherapy With Uracil-Tegafur for Adenocarcinoma of the Lung. <i>Journal of Clinical Oncology</i> , 2007, 25, 3952-3957.	0.8	42
80	Requirement for Repair of DNA Double-Strand Breaks by Homologous Recombination in Split-Dose Recovery. <i>Radiation Research</i> , 2001, 155, 680-686.	0.7	39
81	Functional Interplay between BRCA2/FancD1 and FancC in DNA Repair. <i>Journal of Biological Chemistry</i> , 2006, 281, 21312-21320.	1.6	39
82	DNA-PK: the Major Target for Wortmannin-mediated Radiosensitization by the Inhibition of DSB Repair via NHEJ Pathway. <i>Journal of Radiation Research</i> , 2003, 44, 151-159.	0.8	37
83	Conserved domains in the chicken homologue of BRCA2. <i>Oncogene</i> , 2002, 21, 1130-1134.	2.6	34
84	Warsaw breakage syndrome DDX11 helicase acts jointly with RAD17 in the repair of bulky lesions and replication through abasic sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8412-8417.	3.3	34
85	A requirement of FancL and FancD2 monoubiquitination in DNA repair. <i>Genes To Cells</i> , 2007, 12, 299-310.	0.5	33
86	Pluripotent Cell Models of Fanconi Anemia Identify the Early Pathological Defect in Human Hemoangiogenic Progenitors. <i>Stem Cells Translational Medicine</i> , 2015, 4, 333-338.	1.6	30
87	Direct Inhibition of TNF- α Promoter Activity by Fanconi Anemia Protein FANCD2. <i>PLoS ONE</i> , 2011, 6, e23324.	1.1	29
88	RDM1, a Novel RNA Recognition Motif (RRM)-containing Protein Involved in the Cell Response to Cisplatin in Vertebrates. <i>Journal of Biological Chemistry</i> , 2005, 280, 9225-9235.	1.6	28
89	Induction of lung adenocarcinoma in transgenic mice expressing activated <i>EGFR</i> driven by the SP1 promoter. <i>Cancer Science</i> , 2008, 99, 1747-1753.	1.7	27
90	The Rad51 Paralog Rad51B Promotes Homologous Recombinational Repair. <i>Molecular and Cellular Biology</i> , 2000, 20, 6476-6482.	1.1	26

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91	A Prospective Cohort Study to Define the Clinical Features and Outcome of Lung Cancers Harboring HER2 Aberration in Japan (HER2-CS STUDY). <i>Chest</i> , 2019, 156, 357-366.	0.4	25
92	Defects in homologous recombination repair behind the human diseases: FA and HBOC. <i>Endocrine-Related Cancer</i> , 2016, 23, T19-T37.	1.6	24
93	Chemopreventive Effects of Gefitinib on Nonsmoking-Related Lung Tumorigenesis in Activating Epidermal Growth Factor Receptor Transgenic Mice. <i>Cancer Research</i> , 2009, 69, 7088-7095.	0.4	23
94	Rapid Acquisition of Alectinib Resistance in ALK-Positive Lung Cancer With High Tumor Mutation Burden. <i>Journal of Thoracic Oncology</i> , 2019, 14, 2009-2018.	0.5	22
95	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. <i>Haematologica</i> , 2019, 104, 1962-1973.	1.7	22
96	New flow cytometric method for surface phenotyping basophils from peripheral blood. <i>Journal of Immunological Methods</i> , 1993, 162, 17-21.	0.6	21
97	ATR/Chk1 signaling pathway and homologous recombinational repair protect cells from 5-fluorouracil cytotoxicity. <i>DNA Repair</i> , 2012, 11, 247-258.	1.3	21
98	The Trp53-Trp53inp1-Tnfrsf10b Pathway Regulates the Radiation Response of Mouse Spermatogonial Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 676-689.	2.3	20
99	Analysis of disease model iPSCs derived from patients with a novel Fanconi anemia-like IBMFS <i>ADH5/ALDH2</i> deficiency. <i>Blood</i> , 2021, 137, 2021-2032.	0.6	20
100	The Epidermal Growth Factor Receptor D761Y Mutation and Effect of Tyrosine Kinase Inhibitor. <i>Clinical Cancer Research</i> , 2007, 13, 3431.1-3431.	3.2	19
101	Regulation of histone H4 acetylation by transcription factor E2A in Ig gene conversion. <i>International Immunology</i> , 2008, 20, 277-284.	1.8	19
102	Trastuzumab Emtansine in HER2+ Recurrent Metastatic Non-Small-Cell Lung Cancer: Study Protocol. <i>Clinical Lung Cancer</i> , 2017, 18, 92-95.	1.1	19
103	Regulation of R-loops and genome instability in Fanconi anemia. <i>Journal of Biochemistry</i> , 2019, 165, 465-470.	0.9	19
104	Associations of complementation group, ALDH2 genotype, and clonal abnormalities with hematological outcome in Japanese patients with Fanconi anemia. <i>Annals of Hematology</i> , 2019, 98, 271-280.	0.8	19
105	Antisense oligodeoxynucleotides to latent membrane protein 1 induce growth inhibition, apoptosis and Bcl-2 suppression in Epstein-Barr virus (EBV)-transformed B-lymphoblastoid cells, but not in EBV-positive natural killer cell lymphoma cells. <i>British Journal of Haematology</i> , 2001, 114, 84-92.	1.2	18
106	FancJ/Brip1 helicase protects against genomic losses and gains in vertebrate cells. <i>Genes To Cells</i> , 2011, 16, 714-727.	0.5	18
107	Common Variable Immunodeficiency Caused by FANC Mutations. <i>Journal of Clinical Immunology</i> , 2017, 37, 434-444.	2.0	18
108	Activation of the FA pathway mediated by phosphorylation and ubiquitination. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 803-805, 89-95.	0.4	18

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109	DNA double-strand break end resection: a critical relay point for determining the pathway of repair and signaling. <i>Genome Instability & Disease</i> , 2020, 1, 155-171.	0.5	18
110	USP42 enhances homologous recombination repair by promoting R-loop resolution with a DNA-RNA helicase DHX9. <i>Oncogenesis</i> , 2020, 9, 60.	2.1	18
111	Subcellular distribution of human RDM1 protein isoforms and their nucleolar accumulation in response to heat shock and proteotoxic stress. <i>Nucleic Acids Research</i> , 2007, 35, 6571-6587.	6.5	17
112	<i>SLFN11</i> promotes stalled fork degradation that underlies the phenotype in Fanconi anemia cells. <i>Blood</i> , 2021, 137, 336-348.	0.6	17
113	Characterization of the short isoform of Helios overexpressed in patients with T-cell malignancies. <i>Cancer Science</i> , 2007, 98, 182-188.	1.7	16
114	Fanconi anemia proteins participate in a break-induced-replication-like pathway to counter replication stress. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 487-500.	3.6	16
115	<i>SMC5/6</i> acts jointly with Fanconi anemia factors to support DNA repair and genome stability. <i>EMBO Reports</i> , 2020, 21, e48222.	2.0	16
116	Over-expression of the dominant-negative isoform of Ikaros confers resistance to dexamethasone-induced and anti-IgM-induced apoptosis. <i>British Journal of Haematology</i> , 2003, 121, 165-169.	1.2	13
117	The Fanconi anemia pathway: Insights from somatic cell genetics using DT40 cell line. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 668, 92-102.	0.4	13
118	Syk and Lyn Are Involved in Radiation-Induced Signaling, but Inactivation of Syk or Lyn Alone Is Not Sufficient to Prevent Radiation-Induced Apoptosis. <i>Journal of Biochemistry</i> , 1995, 118, 33-38.	0.9	12
119	<i>NBS1</i> directly activates <i>ATR</i> independently of <i>MRE11</i> and <i>TOPBP1</i> . <i>Genes To Cells</i> , 2013, 18, 238-246.	0.5	12
120	Pilot evaluation of a HER2 testing in non-small-cell lung cancer. <i>Journal of Clinical Pathology</i> , 2020, 73, 353-357.	1.0	12
121	Tumor suppressor RecQL5 controls recombination induced by DNA crosslinking agents. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1002-1012.	1.9	11
122	PARI Regulates Stalled Replication Fork Processing To Maintain Genome Stability upon Replication Stress in Mice. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	11
123	Signal Transduction by IgG Receptors Induces Calcium Mobilization, but not Histamine Release, in the Human Basophilic Cell Line KU812F. <i>International Archives of Allergy and Immunology</i> , 1996, 109, 27-34.	0.9	10
124	The phenotype and clinical course of Japanese Fanconi Anaemia infants is influenced by patient, but not maternal <i>ALDH2</i> genotype. <i>British Journal of Haematology</i> , 2016, 175, 457-461.	1.2	10
125	A founder variant in the South Asian population leads to a high prevalence of <i>FANCL</i> Fanconi anemia cases in India. <i>Human Mutation</i> , 2020, 41, 122-128.	1.1	10
126	Conserved Overlapping Gene Arrangement, Restricted Expression, and Biochemical Activities of DNA Polymerase β (POLN). <i>Journal of Biological Chemistry</i> , 2015, 290, 24278-24293.	1.6	9

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127	Human FAN1 promotes strand incision in 5' flap DNA complexed with RPA. <i>Journal of Biochemistry</i> , 2015, 158, 263-270.	0.9	8
128	Mitotic cells can repair DNA double-strand breaks via a homology-directed pathway. <i>Journal of Radiation Research</i> , 2021, 62, 25-33.	0.8	7
129	The fanconi anemia pathway promotes homologous recombination repair in DT40 cell line. <i>Sub-Cellular Biochemistry</i> , 2006, 40, 295-311.	1.0	7
130	Homologous Recombination and Translesion DNA Synthesis Play Critical Roles on Tolerating DNA Damage Caused by Trace Levels of Hexavalent Chromium. <i>PLoS ONE</i> , 2016, 11, e0167503.	1.1	7
131	The role of SNM1 family nucleases in etoposide-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 568-573.	1.0	6
132	Expression and purification of human FANCI and FANCD2 using <i>Escherichia coli</i> cells. <i>Protein Expression and Purification</i> , 2014, 103, 8-15.	0.6	6
133	Selective cytotoxicity of the anti-diabetic drug, metformin, in glucose-deprived chicken DT40 cells. <i>PLoS ONE</i> , 2017, 12, e0185141.	1.1	6
134	RNF168 E3 ligase participates in ubiquitin signaling and recruitment of SLX4 during DNA crosslink repair. <i>Cell Reports</i> , 2021, 37, 109879.	2.9	6
135	The Effect of Gefitinib on B-RAF Mutant Non-small Cell Lung Cancer and Transfectants. <i>Journal of Thoracic Oncology</i> , 2007, 2, 321-324.	0.5	5
136	Establishment of the DNA Repair-Defective Mutants in DT40 Cells. <i>Methods in Molecular Biology</i> , 2012, 920, 39-49.	0.4	5
137	Defective FANCI Binding by a Fanconi Anemia-Related FANCD2 Mutant. <i>PLoS ONE</i> , 2014, 9, e114752.	1.1	5
138	Matched sibling donor stem cell transplantation for Fanconi anemia patients with T cell somatic mosaicism. <i>Pediatric Transplantation</i> , 2012, 16, 340-345.	0.5	4
139	Evaluation of Homologous Recombinational Repair in Chicken B Lymphoma Cell Line, DT40. <i>Methods in Molecular Biology</i> , 2011, 745, 293-309.	0.4	3
140	Association of IgG Fc receptor II with tyrosine kinases in the human basophilic leukemia cell line KU812F. <i>Allergology International</i> , 2003, 52, 149-154.	1.4	2
141	Guest editorial: fanconi anemia and the DNA damage response. <i>International Journal of Hematology</i> , 2011, 93, 415-416.	0.7	2
142	Multiple Genetic Manipulations of DT40 Cell Line. <i>Methods in Molecular Biology</i> , 2014, 1114, 25-35.	0.4	2
143	Poor recognition of O6-isopropyl dG by MGMT triggers double strand break-mediated cell death and micronucleus induction in FANCD2-deficient cells. <i>Oncotarget</i> , 2016, 7, 59795-59808.	0.8	2
144	The Fanconi Anemia Pathway and Interstrand Cross-Link Repair. , 2016, , 175-210.		1

