Minoru Takata

List of Publications by Year
in descending order

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149 papers	12,550 citations	22153 59 h-index	24982 109 g-index
153 all docs	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.	7.8	1,076
2	Rad51-deficient vertebrate cells accumulate chromosomal breaks prior to cell death. EMBO Journal, 1998, 17, 598-608.	7.8	743
3	Chromosome Instability and Defective Recombinational Repair in Knockout Mutants of the Five Rad51 Paralogs. Molecular and Cellular Biology, 2001, 21, 2858-2866.	2.3	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.	8.5	455
5	Sister Chromatid Exchanges Are Mediated by Homologous Recombination in Vertebrate Cells. Molecular and Cellular Biology, 1999, 19, 5166-5169.	2.3	392
6	Genetic evidence for involvement of type 1,type 2and type 3inositol 1,4,5-trisphosphate receptors in signal transduction through the B-cell antigen receptor. EMBO Journal, 1997, 16, 3078-3088.	7.8	377
7	Syk activation by the Src-family tyrosine kinase in the B cell receptor signaling.. Journal of Experimental Medicine, 1994, 179, 1725-1729.	8.5	286
8	Nbs1 is essential for DNA repair by homologous recombination in higher vertebrate cells. Nature, 2002, 420, 93-98.	27.8	263
9	The Rad51 Paralog Rad51B Promotes Homologous Recombinational Repair. Molecular and Cellular Biology, 2000, 20, 6476-6482.	2.3	242
10	Homologous Recombination, but Not DNA Repair, Is Reduced in Vertebrate Cells Deficient in RAD52. Molecular and Cellular Biology, 1998, 18, 6430-6435.	2.3	224
11	Ablation of XRCC2/3 transforms immunoglobulin V gene conversion into somatic hypermutation. Nature, 2001, 412, 921-926.	27.8	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.	8.2	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.	8.5	192
14	Multiple roles of Rev3, the catalytic subunit of polÂ in maintaining genome stability in vertebrates. EMBO Journal, 2003, 22, 3188-3197.	7.8	183
15	Deubiquitination of FANCD2 Is Required for DNA Crosslink Repair. Molecular Cell, 2007, 28, 798-809.	9.7	180
16	Multiple Repair Pathways Mediate Tolerance to Chemotherapeutic Cross-linking Agents in Vertebrate Cells. Cancer Research, 2005, 65, 11704-11711.	0.9	172
17	Emergence of Epidermal Growth Factor Receptor T790M Mutation during Chronic Exposure to Gefitinib in a Nonâ€“Small Cell Lung Cancer Cell Line. Cancer Research, 2007, 67, 7807-7814.	0.9	170
18	BTK as a Mediator of Radiation-Induced Apoptosis in DT-40 Lymphoma B Cells. Science, 1996, 273, 1096-1100.	12.6	169

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19	Involvement of SLX4 in interstrand cross-link repair is regulated by the Fanconi anemia pathway. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6492-6496.	7.1	169
20	Formaldehyde catabolism is essential in cells deficient for the Fanconi anemia DNA-repair pathway. Nature Structural and Molecular Biology, 2011, 18, 1432-1434.	8.2	162
21	Variant ALDH2 is associated with accelerated progression of bone marrow failure in Japanese Fanconi anemia patients. Blood, 2013, 122, 3206-3209.	1.4	156
22	Biallelic mutations in the ubiquitin ligase RFWD3 cause Fanconi anemia. Journal of Clinical Investigation, 2017, 127, 3013-3027.	8.2	156
23	Cells Deficient in the FANC/BRCA Pathway Are Hypersensitive to Plasma Levels of Formaldehyde. Cancer Research, 2007, 67, 11117-11122.	0.9	154
24	Efficient rejoining of radiation-induced DNA double-strand breaks in vertebrate cells deficient in genes of the RAD52 epistasis group. Oncogene, 2001, 20, 2212-2224.	5.9	149
25	Homologous DNA recombination in vertebrate cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8388-8394.	7.1	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. Journal of Biological Chemistry, 2001, 276, 44413-44418.	3.4	142
27	Fanconi Anemia FANCG Protein in Mitigating Radiation- and Enzyme-Induced DNA Double-Strand Breaks by Homologous Recombination in Vertebrate Cells. Molecular and Cellular Biology, 2003, 23, 5421-5430.	2.3	142
28	Protein Kinase C Î¼ (PKCÎ¼) Associates with the B Cell Antigen Receptor Complex and Regulates Lymphocyte Signaling. Immunity, 1996, 5, 353-363.	14.3	135
29	A FancD2-Monoubiquitin Fusion Reveals Hidden Functions of Fanconi Anemia Core Complex in DNA Repair. Molecular Cell, 2005, 19, 841-847.	9.7	134
30	FAAP100 is essential for activation of the Fanconi anemia-associated DNA damage response pathway. EMBO Journal, 2007, 26, 2104-2114.	7.8	130
31	Fanconi Anemia Protein FANCD2 Promotes Immunoglobulin Gene Conversion and DNA Repair through a Mechanism Related to Homologous Recombination. Molecular and Cellular Biology, 2005, 25, 34-43.	2.3	127
32	Mcm8 and Mcm9 Form a Complex that Functions in Homologous Recombination Repair Induced by DNA Interstrand Crosslinks. Molecular Cell, 2012, 47, 511-522.	9.7	125
33	Homologous-pairing activity of the human DNA-repair proteins Xrcc3*Rad51C. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 5538-5543.	7.1	123
34	RFWD3-Mediated Ubiquitination Promotes Timely Removal of Both RPA and RAD51 from DNA Damage Sites to Facilitate Homologous Recombination. Molecular Cell, 2017, 66, 622-634.e8.	9.7	123
35	Rad52 partially substitutes for the Rad51 paralog XRCC3 in maintaining chromosomal integrity in vertebrate cells. EMBO Journal, 2001, 20, 5513-5520.	7.8	117
36	Functional relationships of FANCC to homologous recombination, translesion synthesis, and BLM. EMBO Journal, 2005, 24, 418-427.	7.8	117

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37	The Essential Functions of Human Rad51 Are Independent of ATP Hydrolysis. Molecular and Cellular Biology, 1999, 19, 6891-6897.	2.3	108
38	Exposure of B-lineage Lymphoid Cells to Low Energy Electromagnetic Fields Stimulates Lyn Kinase. Journal of Biological Chemistry, 1995, 270, 27666-27670.	3.4	106
39	Mutations in the Gene Encoding the E2 Conjugating Enzyme UBE2T Cause Fanconi Anemia. American Journal of Human Genetics, 2015, 96, 1001-1007.	6.2	100
40	Third Report on Chicken Genes and Chromosomes 2015. Cytogenetic and Genome Research, 2015, 145, 78-179.	1.1	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.. Journal of Experimental Medicine, 1996, 183, 675-680.	8.5	93
42	Role of NAD-dependent deacetylases SIRT1 and SIRT2 in radiation and cisplatin-induced cell death in vertebrate cells. Genes To Cells, 2005, 10, 321-332.	1.2	93
43	Two Aldehyde Clearance Systems Are Essential to Prevent Lethal Formaldehyde Accumulation in Mice and Humans. Molecular Cell, 2020, 80, 996-1012.e9.	9.7	92
44	Requirement of Src Kinase Lyn for Induction of DNA Synthesis by Granulocyte Colony-stimulating Factor. Journal of Biological Chemistry, 1998, 273, 3230-3235.	3.4	88
45	Involvement of Vertebrate Polζ in Rad18-independent Postreplication Repair of UV Damage. Journal of Biological Chemistry, 2002, 277, 48690-48695.	3.4	87
46	Histone Methylation by SETD1A Protects Nascent DNA through the Nucleosome Chaperone Activity of FANCD2. Molecular Cell, 2018, 71, 25-41.e6.	9.7	87
47	Current Topics in DNA Double-Strand Break Repair. Journal of Radiation Research, 2008, 49, 93-103.	1.6	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. Molecular and Cellular Biology, 2005, 25, 1124-1134.	2.3	83
49	Tyrosine Phosphorylation of Shc Is Mediated through Lyn and Syk in B Cell Receptor Signaling. Journal of Biological Chemistry, 1995, 270, 6824-6829.	3.4	82
50	FANCG promotes formation of a newly identified protein complex containing BRCA2, FANCD2 and XRCC3. Oncogene, 2008, 27, 3641-3652.	5.9	82
51	Modularized Functions of the Fanconi Anemia Core Complex. Cell Reports, 2014, 7, 1849-1857.	6.4	81
52	DNA robustly stimulates FANCD2 monoubiquitylation in the complex with FANCI. Nucleic Acids Research, 2012, 40, 4553-4561.	14.5	79
53	Predisposition to Cancer Caused by Genetic and Functional Defects of Mammalian Atad5. PLoS Genetics, 2011, 7, e1002245.	3.5	73
54	FANCD2 Binds CtIP and Regulates DNA-End Resection during DNA Interstrand Crosslink Repair. Cell Reports, 2014, 7, 1039-1047.	6.4	73

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55	KIAA1018/FAN1 nuclease protects cells against genomic instability induced by interstrand cross-linking agents. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21553-21557.	7.1	72
56	DNA Cross-Link Repair Protein SNM1A Interacts with PIAS1 in Nuclear Focus Formation. Molecular and Cellular Biology, 2004, 24, 10733-10741.	2.3	70
57	Fanconi anemia: a disorder defective in the DNA damage response. International Journal of Hematology, 2011, 93, 417-424.	1.6	70
58	Replication stress induces accumulation of FANCD2 at central region of large fragile genes. Nucleic Acids Research, 2018, 46, 2932-2944.	14.5	70
59	Clinical utility of next-generation sequencing for inherited bone marrow failure syndromes. Genetics in Medicine, 2017, 19, 796-802.	2.4	66
60	ATRâ€“ATRIP Kinase Complex Triggers Activation of the Fanconi Anemia DNA Repair Pathway. Cancer Research, 2012, 72, 1149-1156.	0.9	62
61	Histone chaperone activity of Fanconi anemia proteins, FANCD2 and FANCI, is required for DNA crosslink repair. EMBO Journal, 2012, 31, 3524-3536.	7.8	61
62	A Ubiquitin-Binding Protein, FAAP20, Links RNF8-Mediated Ubiquitination to the Fanconi Anemia DNA Repair Network. Molecular Cell, 2012, 47, 61-75.	9.7	61
63	Cooperation of Tyrosine Kinases P72syk and P53/56lyn Regulates Calcium Mobilization in Chicken B Cell Oxidant Stress Signaling. FEBS Journal, 1996, 236, 443-449.	0.2	59
64	USP1 deubiquitinase maintains phosphorylated CHK1 by limiting its DDB1-dependent degradation. Human Molecular Genetics, 2011, 20, 2171-2181.	2.9	57
65	Defining the molecular interface that connects the Fanconi anemia protein FANCM to the Bloom syndrome dissolvasome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4437-4442.	7.1	56
66	Synergistic Effect of Olaparib with Combination of Cisplatin on PTEN-Deficient Lung Cancer Cells. Molecular Cancer Research, 2013, 11, 140-148.	3.4	55
67	Recombination repair pathway in the maintenance of chromosomal integrity against DNA interstrand crosslinks. Cytogenetic and Genome Research, 2004, 104, 28-34.	1.1	54
68	Comparison of Genetic Profiles Between Primary Melanomas and their Metastases Reveals Genetic Alterations and Clonal Evolution During Progression. Journal of Investigative Dermatology, 1998, 111, 919-924.	0.7	51
69	<scp>FANCD</scp>2 protects genome stability by recruiting <scp>RNA</scp> processing enzymes to resolve Râ€loops during mild replication stress. FEBS Journal, 2019, 286, 139-150.	4.7	51
70	A novel interplay between the Fanconi anemia core complex and ATR-ATRIP kinase during DNA cross-link repair. Nucleic Acids Research, 2013, 41, 6930-6941.	14.5	50
71	Reverse genetic studies of homologous DNA recombination using the chicken Bâ€“lymphocyte line, DT40. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 111-117.	4.0	48
72	Activation of downstream epidermal growth factor receptor (EGFR) signaling provides gefitinib-resistance in cells carrying EGFR mutation. Cancer Science, 2007, 98, 357-363.	3.9	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. Cell Discovery, 2016, 2, 16047.	6.7	47
74	Effects of double-strand break repair proteins on vertebrate telomere structure. Nucleic Acids Research, 2002, 30, 2862-2870.	14.5	46
75	BM-ca is a newly defined type I/II anti-CD20 monoclonal antibody with unique biological properties. International Journal of Oncology, 2011, 38, 335-44.	3.3	45
76	FANCI-FANCD2 stabilizes the RAD51-DNA complex by binding RAD51 and protects the 5â€²-DNA end. Nucleic Acids Research, 2016, 44, 10758-10771.	14.5	44
77	53BP1 contributes to survival of cells irradiated with X-ray during G1 without Ku70 or Artemis. Genes To Cells, 2006, 11, 935-948.	1.2	43
78	KU70/80, DNA-PKcs, and Artemis are essential for the rapid induction of apoptosis after massive DSB formation. Cellular Signalling, 2008, 20, 1978-1985.	3.6	43
79	Epidermal Growth Factor Receptor Mutation Status and Adjuvant Chemotherapy With Uracil-Tegafur for Adenocarcinoma of the Lung. Journal of Clinical Oncology, 2007, 25, 3952-3957.	1.6	42
80	Requirement for Repair of DNA Double-Strand Breaks by Homologous Recombination in Split-Dose Recovery. Radiation Research, 2001, 155, 680-686.	1.5	39
81	Functional Interplay between BRCA2/FancD1 and FancC in DNA Repair. Journal of Biological Chemistry, 2006, 281, 21312-21320.	3.4	39
82	DNA-PK: the Major Target for Wortmannin-mediated Radiosensitization by the Inhibition of DSB Repair via NHEJ Pathway.. Journal of Radiation Research, 2003, 44, 151-159.	1.6	37
83	Conserved domains in the chicken homologue of BRCA2. Oncogene, 2002, 21, 1130-1134.	5.9	34
84	Warsaw breakage syndrome DDX11 helicase acts jointly with RAD17 in the repair of bulky lesions and replication through abasic sites. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8412-8417.	7.1	34
85	A requirement of FancL and FancD2 monoubiquitination in DNA repair. Genes To Cells, 2007, 12, 299-310.	1.2	33
86	Pluripotent Cell Models of Fanconi Anemia Identify the Early Pathological Defect in Human Hemoangiogenic Progenitors. Stem Cells Translational Medicine, 2015, 4, 333-338.	3.3	30
87	Direct Inhibition of TNF-Î± Promoter Activity by Fanconi Anemia Protein FANCD2. PLoS ONE, 2011, 6, e23324.	2.5	29
88	RDM1, a Novel RNA Recognition Motif (RRM)-containing Protein Involved in the Cell Response to Cisplatin in Vertebrates. Journal of Biological Chemistry, 2005, 280, 9225-9235.	3.4	28
89	Induction of lung adenocarcinoma in transgenic mice expressing activated EGFR driven by the SPâ€€ promoter. Cancer Science, 2008, 99, 1747-1753.	3.9	27
90	The Rad51 Paralog Rad51B Promotes Homologous Recombinational Repair. Molecular and Cellular Biology, 2000, 20, 6476-6482.	2.3	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). Chest, 2019, 156, 357-366.	0.8	25
92	Defects in homologous recombination repair behind the human diseases: FA and HBOC. Endocrine-Related Cancer, 2016, 23, T19-T37.	3.1	24
93	Chemopreventive Effects of Gefitinib on Nonsmoking-Related Lung Tumorigenesis in Activating Epidermal Growth Factor Receptor Transgenic Mice. Cancer Research, 2009, 69, 7088-7095.	0.9	23
94	Rapid Acquisition of Alectinib Resistance in ALK-Positive Lung Cancer With High Tumor Mutation Burden. Journal of Thoracic Oncology, 2019, 14, 2009-2018.	1.1	22
95	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. Haematologica, 2019, 104, 1962-1973.	3.5	22
96	New flow cytometric method for surface phenotyping basophils from peripheral blood. Journal of Immunological Methods, 1993, 162, 17-21.	1.4	21
97	ATRâ€“Chk1 signaling pathway and homologous recombinational repair protect cells from 5-fluorouracil cytotoxicity. DNA Repair, 2012, 11, 247-258.	2.8	21
98	The Trp53-Trp53inp1-Tnfrsf10b Pathway Regulates the Radiation Response of Mouse Spermatogonial Stem Cells. Stem Cell Reports, 2014, 3, 676-689.	4.8	20
99	Analysis of disease model iPSCs derived from patients with a novel Fanconi anemiaâ€“like IBMFS ADH5/ALDH2 deficiency. Blood, 2021, 137, 2021-2032.	1.4	20
100	The Epidermal Growth Factor Receptor D761Y Mutation and Effect of Tyrosine Kinase Inhibitor. Clinical Cancer Research, 2007, 13, 3431.1-3431.	7.0	19
101	Regulation of histone H4 acetylation by transcription factor E2A in Ig gene conversion. International Immunology, 2008, 20, 277-284.	4.0	19
102	Trastuzumab Emtansine in HER2+ Recurrent Metastatic Nonâ€“Small-Cell Lung Cancer: Study Protocol. Clinical Lung Cancer, 2017, 18, 92-95.	2.6	19
103	Regulation of R-loops and genome instability in Fanconi anemia. Journal of Biochemistry, 2019, 165, 465-470.	1.7	19
104	Associations of complementation group, ALDH2 genotype, and clonal abnormalities with hematological outcome in Japanese patients with Fanconi anemia. Annals of Hematology, 2019, 98, 271-280.	1.8	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. British Journal of Haematology, 2001, 114, 84-92.	2.5	18
106	FancJ/Brip1 helicase protects against genomic losses and gains in vertebrate cells. Genes To Cells, 2011, 16, 714-727.	1.2	18
107	Common Variable Immunodeficiency Caused by FANC Mutations. Journal of Clinical Immunology, 2017, 37, 434-444.	3.8	18
108	Activation of the FA pathway mediated by phosphorylation and ubiquitination. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2017, 803-805, 89-95.	1.0	18

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109	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.	1.1	18
110	USP42 enhances homologous recombination repair by promoting R-loop resolution with a DNAâ€“RNA helicase DHX9. Oncogenesis, 2020, 9, 60.	4.9	18
111	Subcellular distribution of human RDM1 protein isoforms and their nucleolar accumulation in response to heat shock and proteotoxic stress. Nucleic Acids Research, 2007, 35, 6571-6587.	14.5	17
112	SLFN11 promotes stalled fork degradation that underlies the phenotype in Fanconi anemia cells. Blood, 2021, 137, 336-348.	1.4	17
113	Characterization of the short isoform of Helios overexpressed in patients with T-cell malignancies. Cancer Science, 2007, 98, 182-188.	3.9	16
114	Fanconi anemia proteins participate in a break-induced-replication-like pathway to counter replication stress. Nature Structural and Molecular Biology, 2021, 28, 487-500.	8.2	16
115	<scp>SMC</scp>5/6 acts jointly with Fanconi anemia factors to support <scp>DNA</scp> repair and genome stability. EMBO Reports, 2020, 21, e48222.	4.5	16
116	Over-expression of the dominant-negative isoform of Ikaros confers resistance to dexamethasone-induced and anti-IgM-induced apoptosis. British Journal of Haematology, 2003, 121, 165-169.	2.5	13
117	The Fanconi anemia pathway: Insights from somatic cell genetics using DT40 cell line. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 668, 92-102.	1.0	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 Apoptosis1. Journal of Biochemistry, 1995, 118, 33-38.	1.7	12
119	<scp>NBS</scp>1 directly activates <scp>ATR</scp> independently of <scp>MRE</scp>11 and <scp>TOPBP</scp>1. Genes To Cells, 2013, 18, 238-246.	1.2	12
120	Pilot evaluation of a HER2 testing in non-small-cell lung cancer. Journal of Clinical Pathology, 2020, 73, 353-357.	2.0	12
121	Tumor suppressor RecQL5 controls recombination induced by DNA crosslinking agents. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1002-1012.	4.1	11
122	PARI Regulates Stalled Replication Fork Processing To Maintain Genome Stability upon Replication Stress in Mice. Molecular and Cellular Biology, 2017, 37, .	2.3	11
123	Signal Transduction by IgG Receptors Induces Calcium Mobilization, but not Histamine Release, in the Human Basophilic Cell Line KU812F. International Archives of Allergy and Immunology, 1996, 109, 27-34.	2.1	10
124	The phenotype and clinical course of Japanese Fanconi Anaemia infants is influenced by patient, but not maternal ALDH2 genotype. British Journal of Haematology, 2016, 175, 457-461.	2.5	10
125	A founder variant in the South Asian population leads to a high prevalence ofFANCLFanconi anemia cases in India. Human Mutation, 2020, 41, 122-128.	2.5	10
126	Conserved Overlapping Gene Arrangement, Restricted Expression, and Biochemical Activities of DNA Polymerase Î½ (POLN). Journal of Biological Chemistry, 2015, 290, 24278-24293.	3.4	9

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127	Human FAN1 promotes strand incision in 5â€²-flapped DNA complexed with RPA. Journal of Biochemistry, 2015, 158, 263-270.	1.7	8
128	Mitotic cells can repair DNA double-strand breaks via a homology-directed pathway. Journal of Radiation Research, 2021, 62, 25-33.	1.6	7
129	The fanconi anemia pathway promotes homologous recombination repair in DT40 cell line. Sub-Cellular Biochemistry, 2006, 40, 295-311.	2.4	7
130	Homologous Recombination and Translesion DNA Synthesis Play Critical Roles on Tolerating DNA Damage Caused by Trace Levels of Hexavalent Chromium. PLoS ONE, 2016, 11, e0167503.	2.5	7
131	The role of SNM1 family nucleases in etoposide-induced apoptosis. Biochemical and Biophysical Research Communications, 2011, 410, 568-573.	2.1	6
132	Expression and purification of human FANCI and FANCD2 using Escherichia coli cells. Protein Expression and Purification, 2014, 103, 8-15.	1.3	6
133	Selective cytotoxicity of the anti-diabetic drug, metformin, in glucose-deprived chicken DT40 cells. PLoS ONE, 2017, 12, e0185141.	2.5	6
134	RNF168 E3 ligase participates in ubiquitin signaling and recruitment of SLX4 during DNA crosslink repair. Cell Reports, 2021, 37, 109879.	6.4	6
135	The Effect of Gefitinib on B-RAF Mutant Non-small Cell Lung Cancer and Transfectants. Journal of Thoracic Oncology, 2007, 2, 321-324.	1.1	5
136	Establishment of the DNA Repair-Defective Mutants in DT40 Cells. Methods in Molecular Biology, 2012, 920, 39-49.	0.9	5
137	Defective FANCI Binding by a Fanconi Anemia-Related FANCD2 Mutant. PLoS ONE, 2014, 9, e114752.	2.5	5
138	Matched sibling donor stem cell transplantation for Fanconi anemia patients with Tâ€cell somatic mosaicism. Pediatric Transplantation, 2012, 16, 340-345.	1.0	4
139	Evaluation of Homologous Recombinational Repair in Chicken B Lymphoma Cell Line, DT40. Methods in Molecular Biology, 2011, 745, 293-309.	0.9	3
140	Association of IgG Fc receptor II with tyrosine kinases in the human basophilic leukemia cell line KU812F. Allergology International, 2003, 52, 149-154.	3.3	2
141	Guest editorial: fanconi anemia and the DNA damage response. International Journal of Hematology, 2011, 93, 415-416.	1.6	2
142	Multiple Genetic Manipulations of DT40 Cell Line. Methods in Molecular Biology, 2014, 1114, 25-35.	0.9	2
143	Poor recognition of O6-isopropyl dG by MGMT triggers double strand break-mediated cell death and micronucleus induction in FANC-deficient cells. Oncotarget, 2016, 7, 59795-59808.	1.8	2
144	The Fanconi Anemia Pathway and Interstrand Cross-Link Repair. , 2016, , 175-210.		1

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145	Participation of TDP1 in the repair of formaldehyde-induced DNA-protein cross-links in chicken DT40 cells. PLoS ONE, 2020, 15, e0234859.	2.5	1
146	A case of dyskeratosis congenita with highly elevated serum IgE.. Japanese Journal of Clinical Immunology, 1992, 15, 190-195.	0.0	1
147	Modularized Functions of the Fanconi Anemia Core Complex. Cell Reports, 2016, 14, 2761-2763.	6.4	0
148	Editorial. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2017, 803-805, 42.	1.0	0
149	EGFR å‰ç•°ã• Uracil-Tegafur ã«ã‚ˆã‚‹è……ç™Œè¡“å¾Œè£œåŠ©ç™‚æ³•ã®é–¢é€£æ€§ã«ã¤ã„ã¦ã®æœ¨Ž. Okayama Igakkai Zasshi, 2		