

The human mutator gene homolog MSH2 and its association with colon cancer

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Saccharomyces cerevisiae DNA repair processes: an update. <i>Molecular and Cellular Biochemistry</i> , 1979, 158, 65-75.	1.4	10
2	Missing mismatch repair. <i>Nature</i> , 1993, 366, 722-722.	13.7	28
3	Colon Cancer: A Review of the Epidemiology. <i>Epidemiologic Reviews</i> , 1993, 15, 499-545.	1.3	694
4	Surveillance in Hereditary Nonpolyposis Colorectal Cancer. <i>Surgical Oncology Clinics of North America</i> , 1994, 3, 479-499.	0.6	1
5	Molecular Biology of Neoplastic Transformation of the Large Bowel: Identification of Two Etiologic Pathways. <i>Surgical Oncology Clinics of North America</i> , 1994, 3, 449-477.	0.6	8
6	Hereditary Gastric Cancer. <i>Surgical Oncology Clinics of North America</i> , 1994, 3, 545-562.	0.6	4
7	Markers of Risk for Human Malignancies. <i>Hematology/Oncology Clinics of North America</i> , 1994, 8, 471-483.	0.9	2
8	START, the European PDQ: Standard treatment of cancer on CD-ROM. <i>Annals of Oncology</i> , 1994, 5, 563-564.	0.6	1
10	The Use of Serologic Tumor Markers in Gastrointestinal Malignancies. <i>Hematology/Oncology Clinics of North America</i> , 1994, 8, 533-553.	0.9	59
11	Genetics of colorectal cancer. <i>British Medical Bulletin</i> , 1994, 50, 640-655.	2.7	22
12	Complex recombination events at the hypermutable minisatellite CEB1 (D2S90).. <i>EMBO Journal</i> , 1994, 13, 3203-3210.	3.5	151
13	Scientists find genes for colorectal cancer, raising hopes for genetic test. <i>Annals of Oncology</i> , 1994, 5, 562-563.	0.6	0
14	DNA alkylation repair limits spontaneous base substitution mutations in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1994, 176, 3224-3230.	1.0	89
16	Screening for colorectal cancer: "On your marks" <i>Medical Journal of Australia</i> , 1994, 160, 596-597.	0.8	2
17	Identification of two mismatch-binding activities in protein extracts of <i>Schizosaccharomyces pombe</i> . <i>Nucleic Acids Research</i> , 1994, 22, 5289-5295.	6.5	16
18	Review. <i>Biological Chemistry Hoppe-Seyler</i> , 1994, 375, 795-802.	1.4	7
19	Statement on Use of DNA Testing for Presymptomatic Identification of Cancer Risk. <i>JAMA - Journal of the American Medical Association</i> , 1994, 271, 785.	3.8	86
20	DNA loop repair by human cell extracts. <i>Science</i> , 1994, 266, 814-816.	6.0	135

#	ARTICLE	IF	CITATIONS
21	Adaptive reversion of a frameshift mutation in Escherichia coli by simple base deletions in homopolymeric runs. Science, 1994, 265, 407-409.	6.0	211
22	Detection of endogenous malondialdehyde-deoxyguanosine adducts in human liver. Science, 1994, 265, 1580-1582.	6.0	414
23	Binding of mismatched microsatellite DNA sequences by the human MSH2 protein. Science, 1994, 266, 1403-1405.	6.0	181
24	GENETIC STABILITY OF MICROSATELLITES IN HUMAN NEUROBLASTOMAS. International Journal of Oncology, 1994, 4, 1043-5.	1.4	1
25	GENETIC INSTABILITY IN MICROSATELLITE SEQUENCES IN PROSTATE-CANCER. International Journal of Oncology, 1994, 5, 921.	1.4	1
26	ALLELIC LOSS ON CHROMOSOME-13 CAN PRECEED HISTOLOGICAL-CHANGES IN HEAD AND NECK-CANCER. International Journal of Oncology, 1994, 5, 205.	1.4	4
27	EXPRESSION OF CRIPTO-1 IN HUMAN COLORECTAL ADENOMAS AND CARCINOMAS IS RELATED TO THE DEGREE OF DYSPLASIA. International Journal of Oncology, 1994, 5, 445.	1.4	2
28	GENOMIC INSTABILITY AND LOH AT 2 POLYMORPHIC SITES IN THE H-RAS1 GENE. International Journal of Oncology, 1994, 5, 1249-53.	1.4	1
29	How Common is Hereditary Cancer?. Annals of Medicine, 1994, 26, 173-175.	1.5	0
30	Prevalence of Hereditary Nonpolyposis Colorectal Carcinoma (HNPCC). Annals of Medicine, 1994, 26, 209-214.	1.5	24
31	Hereditary Nonpolyposis Colorectal Carcinoma (HNPCC): Clinical Application of Molecular Diagnostic Testing. Annals of Medicine, 1994, 26, 221-228.	1.5	10
32	Hereditary Nonpolyposis Colorectal Cancer. Scandinavian Journal of Gastroenterology, 1994, 29, 673-677.	0.6	39
33	Genetic Basis of Hereditary Nonpolyposis Colorectal Carcinoma (HNPCC). Annals of Medicine, 1994, 26, 215-219.	1.5	27
34	In pursuit of a molecular mechanism for adaptive mutation. Genome, 1994, 37, 893-899.	0.9	48
35	Selections From Current Literature: Screening For Colorectal Cancer. Family Practice, 1994, 11, 333-339.	0.8	1
36	Cancer genes: From mouse to man. Animal Biotechnology, 1994, 5, 135-146.	0.7	1
37	Hereditary Gastrointestinal Polyposis and Nonpolyposis Syndromes. New England Journal of Medicine, 1994, 331, 1694-1702.	13.9	231
38	Cloning and expression of the Xenopus and mouse Msh2 DNA mismatch repair genes. Nucleic Acids Research, 1994, 22, 5723-5728.	6.5	25

#	ARTICLE	IF	CITATIONS
39	Sublocalization of a locus at 3p21.3?23 predisposing to hereditary nonpolyposis colon cancer. Human Genetics, 1994, 94, 210-4.	1.8	10
40	Tumor suppressor genes in molecular medicine. The Clinical Investigator, 1994, 72, 619-30.	0.6	11
41	Tumor suppressor genes and their roles in breast cancer. Breast Cancer Research and Treatment, 1994, 32, 19-38.	1.1	44
42	Cytogenetics of cranial base tumors. Journal of Neuro-Oncology, 1994, 20, 241-254.	1.4	21
43	Frequent loss of heterozygosity for Rb, TP53, and chromosome arm 3p, but not NME1 in squamous cell carcinomas of the supraglottic larynx. Cancer, 1994, 73, 2472-2480.	2.0	39
44	Role of clinical criteria in the diagnosis of hereditary non-polyposis colorectal cancer (HNPCC): Results of a multivariate analysis. International Journal of Cancer, 1994, 58, 799-802.	2.3	19
45	DNA damage tolerance, mismatch repair and genome instability. BioEssays, 1994, 16, 833-839.	1.2	279
46	Long DNA palindromes, cruciform structures, genetic instability and secondary structure repair. BioEssays, 1994, 16, 893-900.	1.2	257
47	Mismatch repair and cancer susceptibility. Current Opinion in Biotechnology, 1994, 5, 585-594.	3.3	58
48	Diagnosis and the new genetics. Current Opinion in Biotechnology, 1994, 5, 654-662.	3.3	0
50	Chemoprevention of cancer. Current Problems in Cancer, 1994, 18, 6-79.	1.0	44
51	Cell cycle control and cancer. Science, 1994, 266, 1821-1828.	6.0	2,234
52	Mutation of a mutL homolog in hereditary colon cancer. Science, 1994, 263, 1625-1629.	6.0	1,821
53	Radiation-induced Genomic Instability. International Journal of Radiation Biology, 1994, 66, 603-609.	1.0	84
54	Colon cancer and DNA repair: have mismatches met their match?. Trends in Genetics, 1994, 10, 164-168.	2.9	88
55	Hereditary non-polyposis colorectal cancer " morphologies, genes and mutations. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 310, 125-133.	0.4	129
56	Mutagenesis of yeast MW104-1B strain has identified the uncharacterized PMS6 DNA mismatch repair gene locus and additional alleles of existing PMS1, PMS2 and MSH2 genes. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 325, 21-29.	1.2	15
57	Human ribosomal protein L37 has motifs predicting serine/threonine phosphorylation and a zinc-finger domain. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1994, 1218, 425-428.	2.4	13

#	ARTICLE	IF	CITATIONS
58	Colorectal tumourigenesis. <i>Surgical Oncology</i> , 1994, 3, 195-201.	0.8	1
59	Spontaneous mutations at aprt locus in a mammalian cell line defective in mismatch recognition. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 409-421.	0.7	16
60	Genetic steps in colorectal cancer. <i>Nature Genetics</i> , 1994, 6, 217-219.	9.4	147
61	Genomic instability in repeated sequences is an early somatic event in colorectal tumorigenesis that persists after transformation. <i>Nature Genetics</i> , 1994, 6, 273-281.	9.4	469
62	Loss of the wild type MLH1 gene is a feature of hereditary nonpolyposis colorectal cancer. <i>Nature Genetics</i> , 1994, 8, 405-410.	9.4	304
63	Mismatch repair and cancer. <i>Nature</i> , 1994, 367, 417-417.	13.7	67
64	Mutation in the DNA mismatch repair gene homologue hMLH 1 is associated with hereditary non-polyposis colon cancer. <i>Nature</i> , 1994, 368, 258-261.	13.7	2,001
65	Long PCR. <i>Nature</i> , 1994, 369, 684-685.	13.7	194
66	Mutations of two P/WS homologues in hereditary nonpolyposis colon cancer. <i>Nature</i> , 1994, 371, 75-80.	13.7	1,523
67	Epigenesis: The Missing Beat in Biotechnology?. <i>Nature Biotechnology</i> , 1994, 12, 156-164.	9.4	65
68	Multicopy single-stranded DNAs with mismatched base pairs are mutagenic in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1994, 14, 437-441.	1.2	38
69	Cancer Genetics: Is p53 the only real tumor suppressor gene?. <i>Current Biology</i> , 1994, 4, 137-139.	1.8	20
70	DNA Repair: DNA surveillance defect in cancer cells. <i>Current Biology</i> , 1994, 4, 249-251.	1.8	17
71	Acute Ethanol Exposure Suppresses the Repair of O6-Methylguanine DNA Lesions in Castrated Adult Male Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 1267-1271.	1.4	26
72	Mutation of a meiosis-specific MutS homolog decreases crossing over but not mismatch correction. <i>Cell</i> , 1994, 79, 1069-1080.	13.5	372
73	It was a very good year for DNA repair. <i>Cell</i> , 1994, 76, 1-4.	13.5	211
74	Multiple Pathways Leading to Genomic Instability and Tumorigenesis. <i>Annals of the New York Academy of Sciences</i> , 1994, 726, 165-177.	1.8	20
76	A brave new world of cancer screening. <i>Australian and New Zealand Journal of Medicine</i> , 1994, 24, 677-678.	0.5	2

#	ARTICLE	IF	CITATIONS
77	Direct mutational analysis in a family with hereditary non- α -polyposis colorectal cancer. Australian and New Zealand Journal of Medicine, 1994, 24, 682-686.	0.5	23
78	Intron splice acceptor site sequence variation in the hereditary non-polyposis colorectal cancer gene hMSH2. European Journal of Cancer, 1994, 30, 1550-1552.	1.3	21
79	MLH1, PMS1, and MSH2 interactions during the initiation of DNA mismatch repair in yeast. Science, 1994, 265, 1091-1093.	6.0	296
80	The genetics of colorectal cancer. European Journal of Cancer, 1994, 30, 1946-1956.	1.3	44
81	Ancient conserved regions in gene sequences. Current Opinion in Structural Biology, 1994, 4, 404-412.	2.6	16
82	Telomeric repeat sequences. Chromosoma, 1994, 103, 154-161.	1.0	68
83	Cancer genetics. Current Opinion in Genetics and Development, 1994, 4, 109-119.	1.5	12
84	Editorial overview: Signal transduction and growth control in normal and cancer cells. Current Opinion in Genetics and Development, 1994, 4, 1-4.	1.5	53
85	Screening for cancer predisposition. European Journal of Cancer, 1994, 30, 2015-2029.	1.3	11
86	Characterization of the mouse Rep-3 gene: sequence similarities to bacterial and yeast mismatch-repair proteins. Gene, 1994, 147, 169-177.	1.0	15
87	Genetic linkage in Muir-Torre syndrome to the same chromosomal region as cancer family syndrome. European Journal of Cancer, 1994, 30, 180-182.	1.3	72
88	A novel cancer predisposition syndrome in the Eker rat model. Cancer Letters, 1994, 83, 117-121.	3.2	36
89	The genetics of familial breast cancer and their practical implications. European Journal of Cancer, 1994, 30, 1383-1390.	1.3	37
90	Adaptive mutation by deletions in small mononucleotide repeats. Science, 1994, 265, 405-407.	6.0	236
91	Genetic dissection of complex traits. Science, 1994, 265, 2037-2048.	6.0	3,158
92	Mismatch repair, genetic stability, and cancer. Science, 1994, 266, 1959-1960.	6.0	419
93	Response of Repair-Competent and Repair-Deficient Escherichia coli to Three O6-Substituted Guanines and Involvement of Methyl-Directed Mismatch Repair in the Processing of O6-Methylguanine Residues. Biochemistry, 1994, 33, 9169-9177.	1.2	44
94	DNA Mismatch Binding and Incision at Modified Guanine Bases by Extracts of Mammalian Cells: Implications for Tolerance to DNA Methylation Damage. Biochemistry, 1994, 33, 4787-4793.	1.2	99

#	ARTICLE	IF	CITATIONS
95	Molecular Studies Relevant to Radiation Oncology: A Radiation Study Section Workshop: Taos, New Mexico, February 12, 1994. <i>Radiation Research</i> , 1994, 140, 143.	0.7	3
96	Slippage-misalignment: to what extent does it contribute to mammalian cell mutagenesis?. <i>Mutagenesis</i> , 1994, 9, 395-400.	1.0	22
97	Epidemiology of Colorectal Adenomas. <i>Epidemiologic Reviews</i> , 1994, 16, 273-297.	1.3	142
98	Molecular genetic profiles of colitis-associated neoplasms. <i>Gastroenterology</i> , 1994, 107, 420-428.	0.6	152
99	Dominant negative mutator mutations in the mutS gene of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1994, 176, 5393-5400.	1.0	127
101	Role of Androgens in Prostatic Cancer. <i>Vitamins and Hormones</i> , 1994, 49, 433-502.	0.7	120
102	Deletion analysis of chromosome 8p in sporadic colorectal adenomas. <i>British Journal of Cancer</i> , 1994, 70, 18-20.	2.9	20
103	Genetic Clues to Glaucoma's Secrets. <i>American Journal of Ophthalmology</i> , 1994, 117, 706-727.	1.7	58
104	Beta 2-microglobulin gene mutations: a study of established colorectal cell lines and fresh tumors.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 4751-4755.	3.3	133
105	Close linkage to chromosome 3p and conservation of ancestral founding haplotype in hereditary nonpolyposis colorectal cancer families.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6054-6058.	3.3	85
106	Microsatellite alterations as clonal markers for the detection of human cancer.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 9871-9875.	3.3	384
107	Unicryptal loss of heterozygosity in hereditary non-polyposis colorectal cancer. <i>Pathology</i> , 1994, 26, 414-417.	0.3	13
108	Genetic instability in human ovarian cancer cell lines.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 9495-9499.	3.3	129
109	Mutator phenotypes in human colorectal carcinoma cell lines.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6319-6323.	3.3	371
110	A mismatch recognition defect in colon carcinoma confers DNA microsatellite instability and a mutator phenotype.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8905-8909.	3.3	75
111	Elevated frequency of microsatellite mutations in TK6 human lymphoblast clones selected for mutations at the thymidine kinase locus.. <i>Molecular and Cellular Biology</i> , 1994, 14, 4373-4379.	1.1	23
112	Homologous recombination of monkey alpha-satellite repeats in an in vitro simian virus 40 replication system: possible association of recombination with DNA replication.. <i>Molecular and Cellular Biology</i> , 1994, 14, 4173-4182.	1.1	17
113	The Essential Helicase Gene <i><i>RAD3</i></i> Suppresses Short-Sequence Recombination in <i><i>Saccharomyces cerevisiae</i></i> . <i>Molecular and Cellular Biology</i> , 1995, 15, 3998-4008.	1.1	42

#	ARTICLE	IF	CITATIONS
114	Adaptive mutation sequences reproduced by mismatch repair deficiency.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 12017-12020.	3.3	75
115	Restoration of mismatch repair to nuclear extracts of H6 colorectal tumor cells by a heterodimer of human MutL homologs.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1950-1954.	3.3	356
116	Characterization of a Mammalian Homolog of the <i>Escherichia coli</i> MutY Mismatch Repair Protein. Molecular and Cellular Biology, 1995, 15, 989-996.	1.1	201
117	Genetic alterations in human gastrointestinal cancers. The application to molecular diagnosis. Cancer, 1995, 75, 1410-1417.	2.0	132
118	A Case-Control Study on Familial Aggregation of Colorectal Cancer. Journal of Epidemiology, 1995, 5, 165-169.	1.1	1
119	Molecular Genetics of Exocrine Pancreatic Neoplasms. Surgical Clinics of North America, 1995, 75, 857-869.	0.5	58
120	Localization of the murine homolog of the anaplastic lymphoma kinase (<i>ALK</i>) gene on mouse Chromosome 17. Cytogenetic and Genome Research, 1995, 70, 143-144.	0.6	8
121	Microsatellite instability in ovarian neoplasms. British Journal of Cancer, 1995, 72, 376-382.	2.9	87
122	The effect of family size on estimates of the frequency of hereditary non-polyposis colorectal cancer. British Journal of Cancer, 1995, 72, 1320-1323.	2.9	25
123	Mutations in the MSH3 gene preferentially lead to deletions within tracts of simple repetitive DNA in <i>Saccharomyces cerevisiae</i> .. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 10418-10421.	3.3	153
124	Enhanced somatic mutation rates induced in stem cells of mice by low chronic exposure to ethylnitrosourea.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 11470-11474.	3.3	41
125	Molecular alterations in head and neck squamous cell carcinoma. Clinical Otolaryngology, 1995, 20, 291-298.	0.6	6
126	Replication Slippage between Distant Short Repeats in <i>Saccharomyces cerevisiae</i> Depends on the Direction of Replication and the <i>RAD50</i> and <i>RAD52</i> Genes. Molecular and Cellular Biology, 1995, 15, 5607-5617.	1.1	126
127	Colon Carcinogenesis in Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 1995, 1, 142-158.	0.9	17
128	Biologic Characterization of Hereditary Non-Polyposis Colorectal Cancer: Nuclear Ploidy, AgNOR Count, Microvessel Distribution, Oncogene Expression, and Grade-Related Parameters. American Journal of Clinical Pathology, 1995, 103, 265-270.	0.4	28
129	Attitudes toward genetic testing for colon cancer risk.. American Journal of Public Health, 1995, 85, 1435-1438.	1.5	69
130	Comparative genomics, genome cross-referencing and XREFdb. Trends in Genetics, 1995, 11, 372-373.	2.9	76
131	Strategies for the control of genetic damage in fungi. The Mycologist, 1995, 9, 101-104.	0.5	0

#	ARTICLE	IF	CITATIONS
132	Mismatch repair: mechanisms and relationship to cancer susceptibility. Trends in Biochemical Sciences, 1995, 20, 397-401.	3.7	277
133	Ras oncogene and p53 gene hotspot mutations in colorectal cancers. Journal of Gastroenterology and Hepatology (Australia), 1995, 10, 119-124.	1.4	2
134	Loss of heterozygosity and genomic instability in synchronous endometrioid tumors of the ovary and endometrium. Cancer, 1995, 76, 650-657.	2.0	67
135	Familial ovarian cancer. Update and clinical applications. Cancer, 1995, 76, 1998-2003.	2.0	26
136	Microsatellite Instability in Keratoacanthoma. Cancer, 1995, 76, 1765-1771.	2.0	37
137	Colorectal cancer genetics. Closing the gap between genotype and phenotype. Cancer, 1995, 76, 2389-2392.	2.0	10
138	Microsatellite alterations in human and rat esophageal tumors at selective loci. Molecular Carcinogenesis, 1995, 13, 1-5.	1.3	18
139	Indirect DNA/gene diagnoses via electrophoresis - an obsolete principle?. Electrophoresis, 1995, 16, 683-690.	1.3	13
140	Simple repetitive sequences in the genome: Structure and functional significance. Electrophoresis, 1995, 16, 1705-1714.	1.3	63
141	Somatic mutations in VNTR-Locus D1S7 in human colorectal carcinomas are associated with microsatellite instability. Human Mutation, 1995, 5, 329-332.	1.1	24
142	Using information content and base frequencies to distinguish mutations from genetic polymorphisms in splice junction recognition sites. Human Mutation, 1995, 6, 74-76.	1.1	55
143	Colon carcinogenesis in inflammatory bowel disease. Inflammatory Bowel Diseases, 1995, 1, 142-158.	0.9	25
144	Frequent loss of heterozygosity at telomeric loci on 22q in sporadic colorectal cancers. International Journal of Cancer, 1995, 60, 174-177.	2.3	42
145	Sporadic gastric carcinomas with microsatellite instability display a particular clinicopathologic profile. International Journal of Cancer, 1995, 64, 32-36.	2.3	110
146	Microsatellite instability in primary and metastatic colorectal cancers. International Journal of Cancer, 1995, 64, 153-157.	2.3	45
147	Microsatellite instability and pathological aspects of breast cancer. International Journal of Cancer, 1995, 64, 264-268.	2.3	50
148	Microsatellite instability in Japanese esophageal carcinoma. International Journal of Cancer, 1995, 64, 286-289.	2.3	30
149	Microsatellite instability in oral cancer. International Journal of Cancer, 1995, 64, 332-335.	2.3	55

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150	Microsatellite instability and alterations in theHMSH2 gene in human ovarian cancer. International Journal of Cancer, 1995, 64, 361-366.	2.3	112
151	Mosaicism: The embryo as a target for induction of mutations leading to cancer and genetic disease. Environmental and Molecular Mutagenesis, 1995, 25, 21-29.	0.9	20
152	Karyotypic characterization of colorectal adenocarcinomas. Genes Chromosomes and Cancer, 1995, 12, 97-109.	1.5	102
153	AnAlu VpA Marker on chromosome 1 demonstrates that replication errors manifest at the adenoma-carcinoma transition in sporadic colorectal tumors. Genes Chromosomes and Cancer, 1995, 12, 251-254.	1.5	20
154	DNA-repeat instability is associated with colorectal cancers presenting minimal chromosome rearrangements. Genes Chromosomes and Cancer, 1995, 12, 272-276.	1.5	40
155	Allelic imbalance in gastric cancer: An affected site on chromosome arm 3p. Genes Chromosomes and Cancer, 1995, 13, 263-271.	1.5	63
156	Deletion of 1p loci and microsatellite instability in colorectal polyps. Genes Chromosomes and Cancer, 1995, 14, 182-188.	1.5	90
157	Spontaneous length variation in microsatellite dna from human T-cell clones. Genes Chromosomes and Cancer, 1995, 14, 215-219.	1.5	17
158	Predominance of normal karyotype in colorectal tumors from hereditary non-polyposis colorectal cancer patients. Genes Chromosomes and Cancer, 1995, 14, 223-226.	1.5	24
159	Microsatellite instability in primary and metastatic lung carcinomas. Genes Chromosomes and Cancer, 1995, 14, 301-306.	1.5	30
160	ARCAD: A method for estimating age-dependent disease risk associated with mutation carrier status from family data. Genetic Epidemiology, 1995, 12, 13-25.	0.6	52
161	Nine-bp repeat polymorphism in exon 1 of thehMSH3 gene. Japanese Journal of Human Genetics, 1995, 40, 343-345.	0.8	15
162	The pathophysiology and management of spine metastasis from lung cancer. Journal of Neuro-Oncology, 1995, 23, 109-120.	1.4	9
163	Ha-ras rare alleles in breast cancer susceptibility. Breast Cancer Research and Treatment, 1995, 35, 97-104.	1.1	11
164	Microsatellite instability: new aspects in the carcinogenesis of colorectal carcinoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1995, 426, 215-22.	1.4	37
165	Detection of microsatellite instability in human colorectal carcinomas using a non-radioactive PCR-based screening technique. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1995, 426, 223-7.	1.4	44
166	Germ line mutations of hMSH2 and hMLH1 genes in Japanese families with hereditary nonpolyposis colorectal cancer (HNPCC): usefulness of DNA analysis for screening and diagnosis of HNPCC patients. Journal of Molecular Medicine, 1995, 73, 515-20.	1.7	46
167	Polymorphisms in the human DNA polymerase ? gene. Human Genetics, 1995, 95, 389-90.	1.8	15

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168	Interactions among mutations affecting spontaneous mutation, mitotic recombination, and DNA repair in yeast. <i>Current Genetics</i> , 1995, 27, 102-109.	0.8	11
169	Molecular biology of colon polyps and colon cancer. <i>Journal of Surgical Oncology</i> , 1995, 11, 399-405.	1.4	50
170	Microsatellite instability and hereditary non-polyposis colon cancer. <i>Journal of Pathology</i> , 1995, 176, 329-330.	2.1	22
171	Infrequent Replication Errors at Microsatellite Loci in Tumors of Patients with Multiple Primary Cancers of the Esophagus and Various Other Tissues. <i>Japanese Journal of Cancer Research</i> , 1995, 86, 511-515.	1.7	20
172	Mismatch repair gene defects in sporadic colorectal cancers with microsatellite instability. <i>Nature Genetics</i> , 1995, 9, 48-55.	9.4	759
173	Stability of an expanded trinucleotide repeat in the androgen receptor gene in transgenic mice. <i>Nature Genetics</i> , 1995, 9, 191-196.	9.4	136
174	MSH2 deficient mice are viable and susceptible to lymphoid tumours. <i>Nature Genetics</i> , 1995, 11, 64-70.	9.4	366
175	Hypertension caused by a truncated epithelial sodium channel β 3 subunit: genetic heterogeneity of Liddle syndrome. <i>Nature Genetics</i> , 1995, 11, 76-82.	9.4	725
176	Microsatellite instability in primary neoplasms from HIV+ patients. <i>Nature Medicine</i> , 1995, 1, 65-68.	15.2	93
177	Genetics and environment in Hodgkin's disease. <i>Nature Medicine</i> , 1995, 1, 298-300.	15.2	5
178	Molecular foundations of cancer: New targets for intervention. <i>Nature Medicine</i> , 1995, 1, 309-320.	15.2	100
179	Genetic instability occurs in the majority of young patients with colorectal cancer. <i>Nature Medicine</i> , 1995, 1, 348-352.	15.2	355
180	Association of a chromosome deletion syndrome with a fragile site within the proto-oncogene CBL2. <i>Nature</i> , 1995, 376, 145-149.	18.7	199
181	Normal colonic mucosa in hereditary non-polyposis colorectal cancer shows no generalised increase in somatic mutation. <i>British Journal of Cancer</i> , 1995, 71, 1077-1080.	2.9	21
182	Microsatellite instability in human testicular germ cell tumours. <i>British Journal of Cancer</i> , 1995, 72, 642-645.	2.9	36
183	Microsatellite Instability and Loss of Heterozygosity in Melanoma. <i>Journal of Investigative Dermatology</i> , 1995, 105, 625-628.	0.3	66
184	Epidermal growth factor-related peptides and their receptors in human malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 1995, 19, 183-232.	2.0	2,457
185	New models of lymphoma in transgenic mice. <i>Current Opinion in Immunology</i> , 1995, 7, 665-673.	2.4	20

#	ARTICLE	IF	CITATIONS
186	Impact of the human genome project on medical practice. <i>Annals of Surgical Oncology</i> , 1995, 2, 14-25.	0.7	2
187	Sucrase-isomaltase is an independent prognostic marker for colorectal carcinoma. <i>Diseases of the Colon and Rectum</i> , 1995, 38, 1257-1264.	0.7	23
188	Frequency of hereditary nonpolyposis colorectal cancer. <i>Diseases of the Colon and Rectum</i> , 1995, 38, 588-593.	0.7	57
190	Genomic instability in neoplasia. <i>Seminars in Cell Biology</i> , 1995, 6, 45-52.	3.5	69
191	Analysis of microsatellite repeats in pediatric brain tumors. <i>Cancer Genetics and Cytogenetics</i> , 1995, 84, 56-59.	1.0	16
192	A role for mismatch repair in production of chromosome aberrations by methylating agents in human cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 346, 231-245.	1.2	65
193	Low frequency and late occurrence of p53 and dcc aberrations in colorectal tumours. <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 7-15.	1.2	19
194	Progress against cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 633-647.	1.2	8
195	Unstable triplet repeat sequences: A source of cancer mutations?. <i>Stem Cells</i> , 1995, 13, 146-157.	1.4	33
196	Polymorphisms in drug-metabolizing enzymes as modifiers of cancer risk. <i>Clinical Chemistry</i> , 1995, 41, 1864-1869.	1.5	31
197	Multiple mechanisms account for genomic instability and molecular mutation in neoplastic transformation. <i>Clinical Chemistry</i> , 1995, 41, 644-657.	1.5	47
198	Gene Therapy: A New Approach for Treatment of Cancer. <i>Cancer Control</i> , 1995, 2, 107327489500200.	0.7	1
199	Breast Cancer Genetics: Relevance to Oncology Practice. <i>Cancer Control</i> , 1995, 2, 107327489500200.	0.7	2
200	Hyper-recombination and Bloom's syndrome: microbes again provide clues about cancer.. <i>Genome Research</i> , 1995, 5, 421-426.	2.4	40
201	Suggested Screening Guidelines for Familial Colorectal Cancer. <i>Journal of Medical Screening</i> , 1995, 2, 45-51.	1.1	23
202	HpaII methyltransferase is mutagenic in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1995, 177, 2950-2952.	1.0	35
203	Lethal and mutagenic actions of N-methyl-N'-nitro-N-nitrosoguanidine potentiated by oxidized glutathione, a seemingly harmless substance in the cellular environment. <i>Journal of Bacteriology</i> , 1995, 177, 3641-3646.	1.0	29
204	Construction and characterization of mutants of <i>Salmonella typhimurium</i> deficient in DNA repair of O6-methylguanine. <i>Journal of Bacteriology</i> , 1995, 177, 1511-1519.	1.0	75

#	ARTICLE	IF	CITATIONS
205	Genetic and Environmental Factors in Colorectal Carcinogenesis. <i>Digestive Diseases</i> , 1995, 13, 365-378.	0.8	7
206	Molecular Biology and Colorectal Cancer: Genetic Alterations, Inherited Syndromes, and Applications to Colon Cancer Screening. <i>Digestive Diseases</i> , 1995, 13, 182-189.	0.8	2
207	Prevention of Colorectal Cancer by Endoscopic Polypectomy. <i>Annals of Internal Medicine</i> , 1995, 123, 949.	2.0	9
208	Microsatellite instability in Japanese gastric cancer. <i>Cancer</i> , 1995, 75, 1503-1507.	2.0	39
210	O ⁶ -Alkylguanine-DNA Alkyltransferase: A Target for the Modulation of Drug Resistance. <i>Hematology/Oncology Clinics of North America</i> , 1995, 9, 431-450.	0.9	48
211	Design of a selectable reporter for the detection of mutations in mammalian simple repeat sequences. <i>Carcinogenesis</i> , 1995, 16, 1223-1228.	1.3	17
212	Construction of a Human Genomic Library of Clones Containing Poly(dG-dA)•Poly(dT-dC) Tracts by Mg ²⁺ -dependent Triplex Affinity Capture. <i>Journal of Biological Chemistry</i> , 1995, 270, 9258-9264.	1.6	34
214	Inactivation of the type II TGF-beta receptor in colon cancer cells with microsatellite instability. <i>Science</i> , 1995, 268, 1336-1338.	6.0	2,173
215	Simple tandem DNA repeats and human genetic disease.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 3636-3641.	3.3	325
216	Detection of new mutations in six out of 10 Swiss HNPCC families by genomic sequencing of the hMSH2 and hMLH1 genes.. <i>Journal of Medical Genetics</i> , 1995, 32, 909-912.	1.5	65
217	Applications of molecular biology to biomedicine and toxicology. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 1995, 13, 1-51.	2.9	10
218	Molecular analysis of mutations in mutator colorectal carcinoma cell lines. <i>Human Molecular Genetics</i> , 1995, 4, 2057-2064.	1.4	79
219	A hPMS2 Mutant Cell Line Is Defective in Strand-specific Mismatch Repair. <i>Journal of Biological Chemistry</i> , 1995, 270, 18183-18186.	1.6	72
220	Molecular Cloning Of Human Paxillin, a Focal Adhesion Protein Phosphorylated by P210BCR/ABL. <i>Journal of Biological Chemistry</i> , 1995, 270, 5039-5047.	1.6	246
221	Gastroenterology and Hepatology. <i>JAMA - Journal of the American Medical Association</i> , 1995, 273, 1679.	3.8	0
222	Analysis of Ha-ras 1 allele frequencies in hereditary non-polyposis colorectal cancer.. <i>Gut</i> , 1995, 36, 382-384.	6.1	1
223	ANALYSES OF LINKAGE TO 17Q11-Q23 IN 3 FRENCH HEREDITARY NONPOLYPOSIS COLON-CANCER FAMILIES. <i>International Journal of Oncology</i> , 1995, 6, 693-697.	1.4	1
224	LINKAGE ANALYSES OF 3 FRENCH FAMILIES TO LOCI ON CHROMOSOME-2P AND CHROMOSOME-3P PREDISPOSING TO HEREDITARY NONPOLYPOSIS COLON-CANCER. <i>International Journal of Oncology</i> , 1995, 6, 699-703.	1.4	0

#	ARTICLE	IF	CITATIONS
225	LACK OF MICROSATELLITE INSTABILITY IN HUMAN PROSTATE-CANCER. International Journal of Oncology, 1995, 6, 1173-6.	1.4	1
226	Discovery of Tumor Suppressor Gene Function. American Biology Teacher, 1995, 57, 200-201.	0.1	1
227	How Many Colon Cancer Genes?. Annals of Medicine, 1995, 27, 287-288.	1.5	1
228	Appropriate partners make good matches. Science, 1995, 268, 1857-1858.	6.0	22
229	Requirement of the yeast RTH1 5' to 3' exonuclease for the stability of simple repetitive DNA. Science, 1995, 269, 238-240.	6.0	222
230	A role for exonuclease I from <i>S. pombe</i> in mutation avoidance and mismatch correction. Science, 1995, 267, 1166-1169.	6.0	215
231	Colorectal Adenoma Progression and Genetic Change: Is There a Link?. Annals of Medicine, 1995, 27, 301-306.	1.5	53
232	Cancer Predisposition, Radiosensitivity and the Risk of Radiation-Induced Cancers. I. Background. Radiation Research, 1995, 143, 121.	0.7	50
233	Screening for Colorectal Cancer. New England Journal of Medicine, 1995, 332, 861-867.	13.9	158
234	Isolation of an hMSH2-p160 heterodimer that restores DNA mismatch repair to tumor cells. Science, 1995, 268, 1909-1912.	6.0	566
235	Factors Controlling Growth, Motility, and Morphogenesis of Normal and Malignant Epithelial Cells. International Review of Cytology, 1995, 160, 221-266.	6.2	42
236	Survey of trinucleotide repeats in the human genome: assessment of their utility as genetic markers. Human Molecular Genetics, 1995, 4, 1829-1836.	1.4	78
237	Microsatellite instability at a single locus (D11S988) on chromosome 11p15.5 as a late event in mammary tumorigenesis. Human Molecular Genetics, 1995, 4, 1889-1894.	1.4	27
238	Genotypic analysis of multiple loci in somatic cells by whole genome amplification. Nucleic Acids Research, 1995, 23, 3488-3492.	6.5	36
239	The immature thymocyte is protected from N-methylnitrosourea-induced lymphoma by the human MGMT-CD2 transgene. Carcinogenesis, 1995, 16, 1047-1053.	1.3	20
240	Microsatellite Instability in Human Non-Melanoma and Melanoma Skin Cancer. Journal of Investigative Dermatology, 1995, 104, 309-312.	0.3	98
241	Growth Factors in Breast Cancer. Endocrine Reviews, 1995, 16, 559-589.	8.9	347
242	Genomic structure of human mismatch repair gene, hMLH1, and its mutation analysis in patients with hereditary non-polyposis colorectal cancer (HNPCC). Human Molecular Genetics, 1995, 4, 237-242.	1.4	166

#	ARTICLE	IF	CITATIONS
243	The SKM-1 Leukemic Cell Line Established from a Patient with Progression to Myelomonocytic Leukemia in Myelodysplastic Syndrome (MDS)-Contribution to Better Understanding of MDS. <i>Leukemia and Lymphoma</i> , 1995, 17, 335-339.	0.6	33
244	Demonstration That Mutation of the Type II Transforming Growth Factor β Receptor Inactivates Its Tumor Suppressor Activity in Replication Error-positive Colon Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 22044-22049.	1.6	290
245	A new class of colorectal cancer gene.. <i>Gut</i> , 1995, 36, 641-643.	6.1	4
246	DNA repair fine structure and its relations to genomic instability. <i>Carcinogenesis</i> , 1995, 16, 2885-2892.	1.3	95
247	Genetic linkage analysis in hereditary non-polyposis colon cancer syndrome.. <i>Journal of Medical Genetics</i> , 1995, 32, 352-357.	1.5	26
248	Nitric oxide and ethylnitrosourea: relative mutagenicity in the p53 tumor suppressor and hypoxanthine-phosphoribosyltransferase genes. <i>Carcinogenesis</i> , 1995, 16, 2069-2074.	1.3	41
249	DNA mismatch repair mutants do not increase N-methyl-N'-nitro- N-nitrosoguanidine tolerance in O6-methylguanine DNA methyltransferase-deficient yeast cells. <i>Carcinogenesis</i> , 1995, 16, 1933-1939.	1.3	25
250	MSH5, a novel MutS homolog, facilitates meiotic reciprocal recombination between homologs in <i>Saccharomyces cerevisiae</i> but not mismatch repair.. <i>Genes and Development</i> , 1995, 9, 1728-1739.	2.7	382
251	The <i>Saccharomyces cerevisiae</i> Msh2 protein specifically binds to duplex oligonucleotides containing mismatched DNA base pairs and insertions.. <i>Genes and Development</i> , 1995, 9, 234-247.	2.7	113
252	Transgenic expression of human MGMT protects against azoxymethane-induced aberrant crypt foci and G to A mutations in the K-ras oncogene of mouse colon. <i>Carcinogenesis</i> , 1995, 16, 451-456.	1.3	122
253	Molecular biology techniques. <i>Analytical Chemistry</i> , 1995, 67, 449-454.	3.2	29
254	Mismatch repair deficiency in phenotypically normal human cells. <i>Science</i> , 1995, 268, 738-740.	6.0	304
255	Site Specificity of Incisions at G:T and O6-Methylguanine:T Base Mismatches in DNA by Human Cell-Free Extracts. <i>Biochemistry</i> , 1995, 34, 6869-6875.	1.2	14
256	Expression of the human MGMT O6-methylguanine DNA methyltransferase gene in a yeast alkylation-sensitive mutant: its effects on both exogenous and endogenous DNA alkylation damage. <i>Mutation Research DNA Repair</i> , 1995, 336, 133-142.	3.8	10
257	Isolation of mammalian cell mutants that are X-ray sensitive, impaired in DNA double-strand break repair and defective for V(D)J recombination. <i>Mutation Research DNA Repair</i> , 1995, 336, 279-291.	3.8	54
258	Ubiquitin fusion proteins are overexpressed in colon cancer but not in gastric cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1995, 1272, 147-153.	1.8	24
259	Identification of mismatch repair genes and their role in the development of cancer. <i>Current Opinion in Genetics and Development</i> , 1995, 5, 382-395.	1.5	293
261	Absence of microsatellite instability in thyroid carcinomas. <i>European Journal of Cancer</i> , 1995, 31, 128.	1.3	13

#	ARTICLE	IF	CITATIONS
262	Update on the differential diagnosis, surveillance and management of hereditary non-polyposis colorectal cancer. <i>European Journal of Cancer</i> , 1995, 31, 1039-1046.	1.3	43
263	Screening for clonal genetic alterations. <i>European Journal of Cancer</i> , 1995, 31, 1127-1129.	1.3	6
264	Colorectal cancer: Future population screening for early colorectal cancer. <i>European Journal of Cancer</i> , 1995, 31, 1369-1372.	1.3	13
265	Hereditary nonpolyposis colorectal cancer: results of long-term surveillance in 50 families. <i>European Journal of Cancer</i> , 1995, 31, 1145-1148.	1.3	88
266	Microsatellite instability in gastric carcinoma with special references to histopathology and cancer stages. <i>European Journal of Cancer</i> , 1995, 31, 1879-1882.	1.3	48
268	Increased mRNA expression of the receptor-like protein tyrosine phosphatase $\hat{\pm}$ in late stage colon carcinomas. <i>Cancer Letters</i> , 1995, 93, 239-248.	3.2	49
269	Peritoneal exfoliative cytology and Ki-ras mutational analysis in patients with pancreatic adenocarcinoma. <i>Cancer Letters</i> , 1995, 97, 203-211.	3.2	8
270	Indirect gene diagnoses for complex (multifactorial) diseases-A review. <i>Gene</i> , 1995, 159, 49-55.	1.0	10
271	Large-scale cloning of human chromosome 2-specific yeast artificial chromosomes (YACs) using an interspersed repetitive sequences (IRS)-PCR approach. <i>Genomics</i> , 1995, 26, 178-191.	1.3	12
272	bcl-2 oncoprotein in colorectal hyperplastic polyps, adenomas, and adenocarcinomas. <i>Human Pathology</i> , 1995, 26, 534-540.	1.1	153
273	Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis. <i>Cell</i> , 1995, 82, 309-319.	13.5	512
274	Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer. <i>Cell</i> , 1995, 82, 321-330.	13.5	777
275	TEL1, an <i>S. cerevisiae</i> homolog of the human gene mutated in ataxia telangiectasia, is functionally related to the yeast checkpoint gene MEC1. <i>Cell</i> , 1995, 82, 831-840.	13.5	372
276	Somatic mutations in the hMSH2 gene in microsatellite unstable colorectal carcinomas. <i>Human Molecular Genetics</i> , 1995, 4, 2065-2072.	1.4	156
277	Heterogeneity of DM kinase repeat expansion in different fetal tissues and further expansion during cell proliferation in vitro: evidence for a causal involvement of methyl-directed DNA mismatch repair in triplet repeat stability. <i>Human Molecular Genetics</i> , 1995, 4, 1147-1153.	1.4	82
278	Sequence specificity for removal of uracil from U $\hat{\text{A}}$ -A pairs and U $\hat{\text{A}}$ -G mismatches by uracil-DNA glycosylase from <i>Escherichia coli</i> , and correlation with mutational hotspots. <i>FEBS Letters</i> , 1995, 362, 205-209.	1.3	44
279	The clinical and genetic manifestations of hereditary nonpolyposis colorectal carcinoma. <i>American Journal of Surgery</i> , 1995, 169, 368-372.	0.9	15
280	The Molecular Basis of Turcot's Syndrome. <i>New England Journal of Medicine</i> , 1995, 332, 839-847.	13.9	1,060

#	ARTICLE	IF	CITATIONS
281	Common occurrence of APC and K-ras gene mutations in the spectrum of colitis-associated neoplasias. <i>Gastroenterology</i> , 1995, 108, 383-392.	0.6	139
282	K-ras-2 G-C and G-T transversions correlate with DNA aneuploidy in colorectal adenomas. <i>Gastroenterology</i> , 1995, 108, 1040-1047.	0.6	49
283	Gastrin and colorectal cancer: A never-ending dispute?. <i>Gastroenterology</i> , 1995, 108, 1307-1310.	0.6	48
284	Nonsteroidal anti-inflammatory drug use and sporadic colorectal adenomas. <i>Gastroenterology</i> , 1995, 108, 1310-1314.	0.6	37
285	Genetic instability associated with adenoma to carcinoma progression in hereditary nonpolyposis colon cancer. <i>Gastroenterology</i> , 1995, 109, 73-82.	0.6	89
286	A germline substitution in the human MSH2 gene is associated with high-grade dysplasia and cancer in ulcerative colitis. <i>Gastroenterology</i> , 1995, 109, 151-155.	0.6	85
287	Microsatellite instability in colorectal cancer: Improved assessment using fluorescent polymerase chain reaction. <i>Gastroenterology</i> , 1995, 109, 465-471.	0.6	94
288	Dr. Strange DNA, or how i learned to stop cloning and love the computer. <i>Gastroenterology</i> , 1995, 109, 611-614.	0.6	5
289	In vitro transcription/translation assay for the screening of hMLH1 and hMSH2 mutations in familial colon cancer. <i>Gastroenterology</i> , 1995, 109, 1368-1374.	0.6	71
290	DNA mismatch repair and cancer. <i>Gastroenterology</i> , 1995, 109, 1685-1699.	0.6	159
291	Screening reduces colorectal cancer rate in families with hereditary nonpolyposis colorectal cancer. <i>Gastroenterology</i> , 1995, 108, 1405-1411.	0.6	489
292	Family History of Cancer. <i>Annals of the New York Academy of Sciences</i> , 1995, 768, 12-29.	1.8	6
293	Molecular Genetics of Colorectal Cancer. <i>Annals of the New York Academy of Sciences</i> , 1995, 768, 101-110.	1.8	57
294	Ovarian Cancer. <i>Annals of the New York Academy of Sciences</i> , 1995, 768, 253-256.	1.8	0
295	Endoscopic Diagnosis in the Era of Molecular Biology. <i>Digestive Endoscopy</i> , 1995, 7, 14-18.	1.3	1
296	Mismatch repair, genetic stability and tumour avoidance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1995, 347, 89-95.	1.8	52
297	Editing DNA replication and recombination by mismatch repair: from bacterial genetics to mechanisms of predisposition to cancer in humans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1995, 347, 97-103.	1.8	70
298	Hereditary Tumor Syndromes of the Nervous System: Overview and Rare Syndromes. <i>Brain Pathology</i> , 1995, 5, 145-151.	2.1	53

#	ARTICLE	IF	CITATIONS
299	GTBP, a 160-kilodalton protein essential for mismatch-binding activity in human cells. <i>Science</i> , 1995, 268, 1912-1914.	6.0	507
300	Thyroiditis—A model canine autoimmune disease. <i>Advances in Veterinary Medicine</i> , 1995, 39, 97-139.	0.1	30
301	Presymptomatic Testing for Genetic Diseases of Later Life. <i>Drugs and Aging</i> , 1995, 7, 117-130.	1.3	3
302	p53 and its 14 kDa C-terminal domain recognize primary DNA damage in the form of insertion/deletion mismatches. <i>Cell</i> , 1995, 81, 1013-1020.	13.5	394
303	Tumour suppressor genes in disease and therapy. <i>Lancet, The</i> , 1995, 345, 902-906.	6.3	38
304	Nervous about artificial neural networks?. <i>Lancet, The</i> , 1995, 346, 1175-1177.	6.3	62
305	Microsatellites: heroes and villains. <i>Lancet, The</i> , 1995, 346, 1177.	6.3	3
306	Chromosome 2p linkage analysis in hereditary non-polyposis colon cancer. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1995, 10, 76-80.	1.4	10
307	DNA repair and inherited cancer. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1995, 10, 108-109.	1.4	1
308	HhaI and HpaII DNA methyltransferases bind DNA mismatches, methylate uracil and block DNA repair. <i>Nucleic Acids Research</i> , 1995, 23, 1380-1387.	6.5	132
309	Suppressed DNA repair capacity of peripheral lymphocytes in pregnant women. <i>Molecular and Cellular Endocrinology</i> , 1995, 108, 179-183.	1.6	8
311	Carcinogenicity of Food Mutagens. <i>Environmental Health Perspectives</i> , 1996, 104, 429.	2.8	9
312	Future Research Directions for Evaluating Human Genetic and Cancer Risk from Environmental Exposures. <i>Environmental Health Perspectives</i> , 1996, 104, 503.	2.8	11
313	The Role of Individual Susceptibility in Cancer Burden Related to Environmental Exposure. <i>Environmental Health Perspectives</i> , 1996, 104, 569.	2.8	23
314	INHERITED BREAST CANCER. <i>Surgical Clinics of North America</i> , 1996, 76, 205-220.	0.5	24
315	DNA REPAIR AND COLORECTAL CANCER. <i>Gastroenterology Clinics of North America</i> , 1996, 25, 755-772.	1.0	39
316	Prediction of biologic aggressiveness in colorectal cancer by p53/k-ras-2 topographic genotyping. <i>Molecular Diagnosis and Therapy</i> , 1996, 1, 5-28.	1.3	26
317	Differences in the spectrum of spontaneous mutations in the hprt gene between tumor cells of the microsatellite mutator phenotype. <i>Mutation Research - DNAging</i> , 1996, 316, 249-259.	3.3	82

#	ARTICLE	IF	CITATIONS
318	Psychogenic Stress Induces Chromosomal and Dna Damage. International Journal of Neuroscience, 1996, 84, 219-227.	0.8	58
319	Risk of Colorectal Cancer in the Families of Patients with Adenomatous Polyps. New England Journal of Medicine, 1996, 334, 82-87.	13.9	320
320	Mismatch Repair in Replication Fidelity, Genetic Recombination, and Cancer Biology. Annual Review of Biochemistry, 1996, 65, 101-133.	5.0	1,442
321	Contributions of molecular genetics to the clinical management of colorectal cancer. American Journal of Surgery, 1996, 171, 10-15.	0.9	10
322	Insertion of a short Alu sequence into the hMSH2 gene following a double cross over next to sequences with chi homology. Gene, 1996, 174, 175-179.	1.0	21
323	Stability of microsatellites and minisatellites in Bloom syndrome, a human syndrome of genetic instability. Mutation Research DNA Repair, 1996, 362, 227-236.	3.8	11
324	MSH2 sequence variations and inherited colorectal cancer susceptibility. European Journal of Cancer, 1996, 32, 178.	1.3	11
325	Cancer genetics clinics. European Journal of Cancer, 1996, 32, 391-392.	1.3	22
326	Is oral cancer susceptibility inherited? report of five oral cancer families. European Journal of Cancer Part B, Oral Oncology, 1996, 32, 63-67.	0.9	47
327	Tumor suppressor activity of the TGF- β^2 pathway in human cancers. Cytokine and Growth Factor Reviews, 1996, 7, 93-102.	3.2	405
328	Assessment of the flexed-tail mouse as a possible model for Fanconi anemia: Analysis of mitomycin C-induced micronuclei. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 370, 99-106.	1.2	0
329	Microsatellite instability in gastric cancer prone families. Cancer Letters, 1996, 99, 169-175.	3.2	10
330	The Rate of CpG Mutation inAluRepetitive Elements within the p53 Tumor Suppressor Gene in the Primate Germline. Journal of Molecular Biology, 1996, 258, 240-250.	2.0	66
331	Relationship BetweenEscherichia coliGrowth and Deletions of CTG \hat{A} CAG Triplet Repeats in Plasmids. Journal of Molecular Biology, 1996, 264, 82-96.	2.0	65
332	Specificin VitroBinding of p53 to the Promoter Region of the Human Mismatch Repair Gene hMSH2. Biochemical and Biophysical Research Communications, 1996, 221, 722-728.	1.0	78
333	A Carboxy Terminal Domain of the hMSH-2 Gene Product Is Sufficient for Binding Specific Mismatched Oligonucleotides. Biochemical and Biophysical Research Communications, 1996, 225, 289-295.	1.0	11
334	Mutations of E2F-4 Trinucleotide Repeats in Colorectal Cancer with Microsatellite Instability. Biochemical and Biophysical Research Communications, 1996, 227, 553-557.	1.0	72
335	CpG dinucleotides in the hMSH2 and hMLHI genes are hotspots for HNPCC mutations. Human Genetics, 1996, 97, 251-255.	1.8	59

#	ARTICLE	IF	CITATIONS
336	Isolation and characterization of the human mismatch repair gene hMSH2 promoter region. <i>Human Genetics</i> , 1996, 97, 114-6.	1.8	21
337	Interphase Cytogenetic Analysis of Solid Tumors by Non-Isotopic DNA in situ Hybridization. <i>Progress in Histochemistry and Cytochemistry</i> , 1996, 31, III-133.	5.1	14
338	Meiotic Pachytene Arrest in MLH1-Deficient Mice. <i>Cell</i> , 1996, 85, 1125-1134.	13.5	528
339	Lessons from Hereditary Colorectal Cancer. <i>Cell</i> , 1996, 87, 159-170.	13.5	4,378
340	The role of DNA repair in the prevention of cancer. <i>Molecular Aspects of Medicine</i> , 1996, 17, 235-383.	2.7	6
341	Microsatellite instability in in situ and invasive sporadic breast cancers of Japanese women. <i>Cancer Letters</i> , 1996, 108, 205-209.	3.2	22
342	Muir-Torre syndrome and defective DNA mismatch repair genes. <i>Journal of the American Academy of Dermatology</i> , 1996, 35, 493-494.	0.6	11
344	Finding new mutator strains of <i>Escherichia coli</i> – a review. <i>Gene</i> , 1996, 179, 129-132.	1.0	20
345	Potential role of DNA polymerase beta in gene therapy against cancer: A case for colorectal cancer. <i>Medical Hypotheses</i> , 1996, 47, 1-9.	0.8	10
346	LOH at the APC/MCC Gene (5Q21) in Gastric Cancer and Preneoplastic Lesions. <i>Pathology Research and Practice</i> , 1996, 192, 1206-1210.	1.0	28
347	Role of induced genetic instability in the mutagenic effects of chemicals and radiation. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996, 367, 11-23.	1.2	59
348	Mutator genes and mosaicism in colorectal cancer. <i>Current Opinion in Genetics and Development</i> , 1996, 6, 76-81.	1.5	17
349	Inheritance and susceptibility to tumours of the large bowel: A new classification of colorectal malignancies. <i>European Journal of Cancer</i> , 1996, 32, 2206-2211.	1.3	7
351	Mismatch repair defects in human carcinogenesis. <i>Human Molecular Genetics</i> , 1996, 5, 1489-1494.	1.4	217
352	Transcription-Coupled Repair Deficiency and Mutations in Human Mismatch Repair Genes. <i>Science</i> , 1996, 272, 557-560.	6.0	283
353	A Gene Map of the Human Genome. <i>Science</i> , 1996, 274, 540-546.	6.0	985
354	Genomic Instability Induced by Ionizing Radiation. <i>Radiation Research</i> , 1996, 146, 247.	0.7	413
355	Biochemistry and genetics of eukaryotic mismatch repair.. <i>Genes and Development</i> , 1996, 10, 1433-1442.	2.7	541

#	ARTICLE	IF	CITATIONS
356	Crystal Structures of Human DNA Polymerase β Complexed with DNA: Implications for Catalytic Mechanism, Processivity, and Fidelity. <i>Biochemistry</i> , 1996, 35, 12742-12761.	1.2	276
357	DNA Repair Functions in Heterologous Cells. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1996, 31, 405-447.	2.3	19
358	The Adenoma-carcinoma Sequence in Colorectal Neoplasia. <i>Surgical Oncology Clinics of North America</i> , 1996, 5, 513-530.	0.6	15
359	Clinical Applications of Genetic Studies in Hereditary Colorectal Cancer. , 1996, , 173-190.		2
360	The Potential Role of Common Polymorphisms in Predisposition to Breast and Ovarian Cancer. , 1996, , 27-34.		0
361	Molecular Studies in Hereditary Nonpolyposis Colorectal Cancer: Microsatellite Instability and Germline Mutations. , 1996, , 67-73.		1
362	Genetic Testing Redefines Hereditary Nonpolyposis Colon Cancer. , 1996, , 74-83.		0
363	Linkage of a familial platelet disorder with a propensity to develop myeloid malignancies to human chromosome 21q22.1-22.2. <i>Blood</i> , 1996, 87, 5218-5224.	0.6	105
364	Frequent clonal loss of heterozygosity but scarcity of microsatellite instability at chromosomal breakpoint cluster regions in adult leukemias. <i>Blood</i> , 1996, 88, 1026-1034.	0.6	65
365	Transforming Growth Factor- β Receptors: Role in Physiology and Disease. <i>Journal of Biomedical Science</i> , 1996, 3, 143-158.	2.6	3
366	Single-stranded DNA-binding protein enhances the stability of CTG triplet repeats in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1996, 178, 5042-5044.	1.0	45
367	Carcinogenicity of food mutagens.. <i>Environmental Health Perspectives</i> , 1996, 104, 429-433.	2.8	41
368	The Lynch Syndrome: Melding Natural History and Molecular Genetics to Genetic Counseling and Cancer Control. <i>Cancer Control</i> , 1996, 3, 13-19.	0.7	14
369	Repair-deficient 3-methyladenine DNA glycosylase homozygous mutant mouse cells have increased sensitivity to alkylation-induced chromosome damage and cell killing.. <i>EMBO Journal</i> , 1996, 15, 945-952.	3.5	161
370	Genetic Counseling in Hereditary Non-Polyposis Colorectal Cancer. <i>Tumori</i> , 1996, 82, 136-142.	0.6	0
371	Depletion of the cellular amounts of the MutS and MutH methyl-directed mismatch repair proteins in stationary-phase <i>Escherichia coli</i> K-12 cells. <i>Journal of Bacteriology</i> , 1996, 178, 2388-2396.	1.0	162
372	Descriptive Epidemiology of Hereditary Non-Polyposis Colorectal Cancer. <i>Tumori</i> , 1996, 82, 102-106.	0.6	15
373	Future research directions for evaluating human genetic and cancer risk from environmental exposures.. <i>Environmental Health Perspectives</i> , 1996, 104, 503-510.	2.8	37

#	ARTICLE	IF	CITATIONS
374	The role of individual susceptibility in cancer burden related to environmental exposure.. Environmental Health Perspectives, 1996, 104, 569-577.	2.8	112
375	hMSH2 forms specific mispair-binding complexes with hMSH3 and hMSH6. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13629-13634.	3.3	498
376	Molecular Genetics of Hereditary Non-Polyposis Colorectal Cancer (HNPCC). Tumori, 1996, 82, 122-135.	0.6	5
377	A General Overview of the Process of Carcinogenesis. Tumori, 1996, 82, 291-301.	0.6	2
378	Instability of long inverted repeats within mouse transgenes.. EMBO Journal, 1996, 15, 1163-1171.	3.5	86
379	APC mutations in colorectal tumors with mismatch repair deficiency.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9049-9054.	3.3	294
381	The <i>Saccharomyces cerevisiae</i> Msh2 and Msh6 Proteins Form a Complex That Specifically Binds to Duplex Oligonucleotides Containing Mismatched DNA Base Pairs. Molecular and Cellular Biology, 1996, 16, 5604-5615.	1.1	165
382	Synergy between <i>Apc</i> ^{min} and an Activated <i>ras</i> Mutation Is Sufficient To Induce Colon Carcinomas. Molecular and Cellular Biology, 1996, 16, 884-891.	1.1	100
383	Mismatch DNA Recognition Protein from an Extremely Thermophilic Bacterium, <i>Thermus Thermophilus</i> HB8. Nucleic Acids Research, 1996, 24, 640-647.	6.5	49
384	<i>Saccharomyces cerevisiae pms2</i> Mutations Are Alleles of <i>MLH1</i> , and <i>pms2-2</i> Corresponds to a Hereditary Nonpolyposis Colorectal Carcinoma-Causing Missense Mutation. Molecular and Cellular Biology, 1996, 16, 3008-3011.	1.1	12
385	Loss of Heterozygosity and Base Substitution at the <i>APRT</i> Locus in Mismatch-Repair-Proficient and -Deficient Colorectal Carcinoma Cell Lines. Molecular and Cellular Biology, 1996, 16, 6516-6523.	1.1	36
386	Mitotic Crossovers between Diverged Sequences Are Regulated by Mismatch Repair Proteins in <i>Saccharomyces cerevisiae</i> . Molecular and Cellular Biology, 1996, 16, 1085-1093.	1.1	221
387	Mutator tRNAs are encoded by the <i>Escherichia coli</i> mutator genes <i>mutA</i> and <i>mutC</i> : a novel pathway for mutagenesis.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4380-4385.	3.3	66
388	Cloning and sequencing a human homolog (hMYH) of the <i>Escherichia coli</i> <i>mutY</i> gene whose function is required for the repair of oxidative DNA damage. Journal of Bacteriology, 1996, 178, 3885-3892.	1.0	359
389	Rarity of microsatellite alterations in acute myeloid leukaemia. British Journal of Cancer, 1996, 74, 255-257.	2.9	37
390	Double Cancer in a 74-Year-Old Woman: A Case Report with Genetic Findings.. Tohoku Journal of Experimental Medicine, 1996, 178, 437-445.	0.5	2
392	Mismatch repair in <i>Xenopus</i> egg extracts: DNA strand breaks act as signals rather than excision points.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 10156-10161.	3.3	24
393	Products of DNA mismatch repair genes <i>mutS</i> and <i>mutL</i> are required for transcription-coupled nucleotide-excision repair of the lactose operon in <i>Escherichia coli</i> .. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1292-1297.	3.3	160

#	ARTICLE	IF	CITATIONS
394	The genetics of inherited colon cancer. <i>Journal of Clinical Pathology</i> , 1996, 49, M65-M73.	2.1	2
395	SPONTANEOUS MUTATORS IN BACTERIA: Insights into Pathways of Mutagenesis and Repair. <i>Annual Review of Microbiology</i> , 1996, 50, 625-643.	2.9	231
396	Establishment of a hereditary nonpolyposis colorectal cancer registry. <i>Diseases of the Colon and Rectum</i> , 1996, 39, 649-653.	0.7	31
397	Transforming growth factor- β^2 receptors: Role in physiology and disease. <i>Journal of Biomedical Science</i> , 1996, 3, 143-158.	2.6	28
398	Hereditary cancer: Two hits revisited. <i>Journal of Cancer Research and Clinical Oncology</i> , 1996, 122, 135-140.	1.2	449
399	Naturally occurring splicing variants of the hMSH2 gene containing nonsense codons identify possible mRNA instability motifs within the gene coding region. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1308, 88-92.	2.4	7
400	Infrequent microsatellite instability during the evolution of the myelodysplastic syndrome to acute myelocytic leukemia. <i>Leukemia Research</i> , 1996, 20, 113-117.	0.4	34
401	The role of dna damage in cellular aging: Is it time for a reassessment?. <i>Experimental Gerontology</i> , 1996, 31, 61-68.	1.2	10
402	Recombination-dependent mutation in non-dividing cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 350, 69-76.	0.4	39
403	Microsatellite instability and mismatch repair defects in cancer cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 350, 201-205.	0.4	37
404	Multiple mutations in human cancers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 350, 279-286.	0.4	62
405	Mutation and mutagenesis in inherited and acquired human disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 351, 89-103.	0.4	14
406	Somatic recombination, gene amplification and cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 353, 85-107.	0.4	28
407	DNA mismatch repair deficient mice in cancer research. <i>Seminars in Cancer Biology</i> , 1996, 7, 241-247.	4.3	25
408	Prostate Cancer Old Problems and New Approaches. <i>Pathology and Oncology Research</i> , 1996, 2, 191-211.	0.9	10
409	Mismatch repair genes of eukaryotes. <i>Journal of Genetics</i> , 1996, 75, 181-192.	0.4	1
410	Stability of triplet repeats of myotonic dystrophy and fragile X loci in human mutator mismatch repair cell lines. <i>Human Genetics</i> , 1996, 98, 151-157.	1.8	41
411	Microsatellite instability and mutations of p53 and TGF- β RII genes in gastric cancer. <i>Human Genetics</i> , 1996, 98, 601-607.	1.8	75

#	ARTICLE	IF	CITATIONS
412	Anti-invasion drugs. Breast Cancer Research and Treatment, 1996, 38, 121-132.	1.1	11
413	Interferons and the tumor cell. Biotherapy (Dordrecht, Netherlands), 1996, 8, 213-218.	0.7	26
414	Mismatch repair as an important source of new mutations in non-dividing cells. Experientia, 1996, 52, 357-363.	1.2	8
415	Molecular diagnosis of gastrointestinal cancers: The application to clinical practice. International Journal of Clinical Oncology, 1996, 1, 63-68.	1.0	3
416	Stability of minisatellite loci in the genome of cultured hela cells. Bulletin of Experimental Biology and Medicine, 1996, 122, 923-925.	0.3	0
417	Specific features of gene expression in human myoblasts. Analysis of cells from primary and clonot cultures. Bulletin of Experimental Biology and Medicine, 1996, 122, 925-928.	0.3	0
418	Risk estimation from somatic mutation assays. Mutation Research - Reviews in Genetic Toxicology, 1996, 365, 107-117.	3.0	17
419	MSH6, a Saccharomyces cerevisiae protein that binds to mismatches as a heterodimer with MSH2. Current Biology, 1996, 6, 484-486.	1.8	100
420	Binding of insertion/deletion DNA mismatches by the heterodimer of yeast mismatch repair proteins MSH2 and MSH3. Current Biology, 1996, 6, 1185-1187.	1.8	150
421	DNA methylation and triplet repeat stability: New proposals addressing actual questions on the CGG repeat of fragile X syndrome. American Journal of Medical Genetics Part A, 1996, 64, 266-267.	2.4	19
422	Hereditary nonpolyposis colorectal cancer: Review of clinical, molecular genetics, and counseling aspects. , 1996, 62, 353-364.		79
423	Colorectal cancer: Molecular genetic studies and their future clinical applications. Medical and Pediatric Oncology, 1996, 27, 35-40.	1.0	6
424	REVIEW ARTICLE. MICROSATELLITES AND PCR GENOMIC ANALYSIS. , 1996, 178, 239-248.		81
425	CLINICO-PATHOLOGICAL FEATURES AND p53 EXPRESSION IN LEFT-SIDED SPORADIC COLORECTAL CANCERS WITH AND WITHOUT MICROSATELLITE INSTABILITY. , 1996, 179, 370-375.		26
426	Clinical implications of microsatellite instability in colorectal cancers. , 1996, 77, 265-270.		47
427	Molecular genetic analysis of clear cell adenocarcinomas of the vagina and cervix associated and unassociated with diethylstilbestrol exposure in utero. , 1996, 77, 507-513.		89
428	Flat adenoma as a precursor of colorectal carcinoma in hereditary nonpolyposis colorectal carcinoma. , 1996, 77, 627-634.		55
429	Genetic alterations in rat colon tumors induced by heterocyclic amines. , 1996, 77, 1593-1597.		22

#	ARTICLE	IF	CITATIONS
430	Molecular genetic evidence of the occurrence of breast cancer as an integral tumor in patients with the hereditary nonpolyposis colorectal carcinoma syndrome. , 1996, 77, 1836-1843.		115
431	Frequency and clinical features of multiple tumors of the large bowel in the general population and in patients with hereditary colorectal carcinoma. , 1996, 77, 2013-2021.		61
432	Hereditary nonpolyposis colorectal cancer (Lynch syndrome): An updated review. Cancer, 1996, 78, 1149-1167.	2.0	474
433	The Genetic Testing of Children for Cancer Susceptibility: Ethical, Legal, and Social Issues. , 1996, 14, 393-410.		37
434	Mutations of the transforming growth factor- β 2 type II receptor gene are strongly related to sporadic proximal colon carcinomas with microsatellite instability. , 1996, 78, 2478-2484.		50
435	The risk of brain tumours in hereditary non-polyposis colorectal cancer (HNPCC). , 1996, 65, 422-425.		78
436	Use of gene tests to detect hereditary predisposition to cancer: What do we know about cost effectiveness?. , 1996, 69, 55-57.		24
437	Microsatellite instability in transitional cell carcinoma of the urinary tract and its relationship to clinicopathological variables and smoking. , 1996, 69, 142-145.		25
438	Genomic instability in colorectal cancers in Turkey. , 1996, 68, 291-294.		3
439	Microsatellite instability in sporadic human breast cancers. , 1996, 68, 447-451.		48
440	Analysis for microsatellite instability and mutations of the DNA mismatch repair gene hMLH1 in familial gastric cancer. , 1996, 68, 571-576.		61
441	Risk biomarkers and current strategies for cancer chemoprevention. Journal of Cellular Biochemistry, 1996, 63, 1-14.	1.2	138
442	Somatic mutations of a human mismatch repair gene, hMLH1, in tumors from patients with multiple primary cancers. , 1996, 7, 275-278.		4
443	Mutation of the hMSH2 gene in two families with hereditary nonpolyposis colorectal cancer. , 1996, 7, 327-333.		7
444	Loss of heterozygosity at chromosome regions 22q11 and 11p15.5 in renal rhabdoid tumors. , 1996, 15, 10-17.		92
445	Role of genomic instability in meningioma progression. , 1996, 16, 265-269.		31
446	Validation of family history of breast cancer and identification of the BRCA1 and other syndromes using a population-based cancer registry. Genetic Epidemiology, 1996, 13, 193-205.	0.6	45
447	Induction of frameshift mutations in cultured mammalian cells within a transfected sequence containing a poly(dC-dA) - poly(dT-dG) microsatellite. , 1996, 28, 276-283.		2

#	ARTICLE	IF	CITATIONS
448	DNA polymerase β gene mutations in human bladder cancer. , 1996, 15, 38-43.		32
449	Microsatellite instability and loss of heterozygosity on chromosome 10 in rat mammary tumors induced by 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine. , 1996, 15, 176-182.		31
450	Large deletions at theHPRT locus associated with the mutator phenotype in a Bloom's syndrome lymphoblastoid cell line. Molecular Carcinogenesis, 1996, 17, 41-47.	1.3	16
451	Microsatellite instability in follicle centre cell lymphoma. British Journal of Haematology, 1996, 93, 160-162.	1.2	15
452	The molecular genetics of sporadic and familial epithelial ovarian cancer. International Journal of Gynecological Cancer, 1996, 6, 337-355.	1.2	15
453	Genetic pathways in colorectal cancer. Histopathology, 1996, 28, 389-399.	1.6	51
454	Mismatch repair as a source of mutations in non-dividing cells. Genetica, 1996, 97, 183-195.	0.5	14
455	Ninety-one Cases of Breast Cancer and Chronic Lymphoproliferative Neoplasm: A Retrospective Review of a Population at High Risk for Multiple Malignancies. Breast Journal, 1996, 2, 312-319.	0.4	1
456	From Expressed Sequence Tags to Peroxisome Biogenesis Disorder Genes. Annals of the New York Academy of Sciences, 1996, 804, 516-523.	1.8	20
457	Loss or Somatic Mutations ofhMSH2Occur in Hereditary Nonpolyposis Colorectal Cancers withhMSH2Germline Mutations. Japanese Journal of Cancer Research, 1996, 87, 279-287.	1.7	35
458	Frequent Microsatellite Instabilities and Analyses of the Related Genes in Familial Gastric Cancers. Japanese Journal of Cancer Research, 1996, 87, 595-601.	1.7	44
459	Clonal Heterogeneity in Human Esophageal Squamous Cell Carcinomas on DNA Analysis. Japanese Journal of Cancer Research, 1996, 87, 923-929.	1.7	12
460	Mutational Analysis of Mismatch Repair Genes,hMLH1andhMSH2, in Sporadic Endometrial Carcinomas with Microsatellite Instability. Japanese Journal of Cancer Research, 1996, 87, 141-145.	1.7	66
461	Involvement of mouse Mlh1 in DNA mismatch repair and meiotic crossing over. Nature Genetics, 1996, 13, 336-342.	9.4	776
462	Analysis of mismatch repair genes in hereditary non-“polyposis colorectal cancer patients. Nature Medicine, 1996, 2, 169-174.	15.2	892
463	Yeast genes and human disease. Nature, 1996, 379, 589-590.	13.7	144
464	Occurrence of cancer in women with Turner syndrome. British Journal of Cancer, 1996, 73, 1156-1159.	2.9	101
465	Potential of temozolomide and BCNU cytotoxicity by O6-benzylguanine: a comparative study in vitro. British Journal of Cancer, 1996, 73, 482-490.	2.9	87

#	ARTICLE	IF	CITATIONS
466	The mismatch-repair protein hMSH2 binds selectively to DNA adducts of the anticancer drug cisplatin. <i>Chemistry and Biology</i> , 1996, 3, 579-589.	6.2	167
467	Haplotype and interspersed analysis of the FMR1 CGG repeat identifies two different mutational pathways for the origin of the fragile X syndrome. <i>Human Molecular Genetics</i> , 1996, 5, 319-330.	1.4	92
468	Stability of an inverted repeat in a human fibrosarcoma cell. <i>Nucleic Acids Research</i> , 1996, 24, 4234-4241.	6.5	9
469	Microsatellite instability and mutation analysis of hMSH2 and hMLH1 in patients with sporadic, familial and hereditary colorectal cancer. <i>Human Molecular Genetics</i> , 1996, 5, 1245-1252.	1.4	193
470	A Subtractive Cloning Approach to the Identification of mRNAs Specifically Expressed in Pancreatic β -cells. <i>Diabetes</i> , 1996, 45, 127-133.	0.3	20
471	Complex genetic predisposition to cancer in an extended HNPCC family with an ancestral hMLH1 mutation. <i>Journal of Medical Genetics</i> , 1996, 33, 636-640.	1.5	26
472	Cloning and characterization of mouse CCAAT binding factor. <i>Nucleic Acids Research</i> , 1996, 24, 1091-1098.	6.5	6
473	Mutation screening of MSH2 and MLH1 mRNA in hereditary non-polyposis colon cancer syndrome. <i>Journal of Medical Genetics</i> , 1996, 33, 726-730.	1.5	49
474	Ascertainment of familial ovarian cancer in the Aberdeen Genetic Clinic. <i>Journal of Medical Genetics</i> , 1996, 33, 187-192.	1.5	1
475	Redundancy of <i>Saccharomyces cerevisiae</i> MSH3 and MSH6 in MSH2-dependent mismatch repair. <i>Genes and Development</i> , 1996, 10, 407-420.	2.7	531
476	Molecular Cloning and Functional Analysis of a Human cDNA Encoding an Escherichia Coli AlkB Homolog, a Protein Involved in DNA Alkylation Damage Repair. <i>Nucleic Acids Research</i> , 1996, 24, 931-937.	6.5	74
477	Mutational scanning of large genes by extensive PCR multiplexing and two-dimensional electrophoresis: application to the RB1 gene. <i>Human Molecular Genetics</i> , 1996, 5, 755-761.	1.4	30
478	Molecular Mechanisms Underlying Hereditary Nonpolyposis Colorectal Carcinoma. <i>Journal of the National Cancer Institute</i> , 1996, 88, 240-251.	3.0	88
480	Detection of Microsatellite Instability in Cancers by Arbitrarily Primed-PCR Fingerprinting Using a Fluorescently Labeled Primer (FAP-PCR). <i>Biological Chemistry Hoppe-Seyler</i> , 1996, 377, 563-570.	1.4	6
481	Characterization of homologous DNA recombination activity in normal and immortal mammalian cells. <i>Nucleic Acids Research</i> , 1996, 24, 4084-4091.	6.5	29
482	Mutants of <i>Streptomyces roseosporus</i> that express enhanced recombination within partially homologous genes. <i>Microbiology (United Kingdom)</i> , 1996, 142, 2803-2813.	0.7	15
483	Learning from Data. <i>Lecture Notes in Statistics</i> , 1996, , .	0.1	11
484	<i>Bacillus subtilis</i> mutS mutL operon: identification, nucleotide sequence and mutagenesis. <i>Microbiology (United Kingdom)</i> , 1996, 142, 2021-2029.	0.7	32

#	ARTICLE	IF	CITATIONS
485	Recognition of DNA Insertion/Deletion Mismatches by an Activity in <i>Saccharomyces Cerevisiae</i> . <i>Nucleic Acids Research</i> , 1996, 24, 721-729.	6.5	25
486	Recent Developments in Hereditary Nonpolyposis Colorectal Cancer. <i>Scandinavian Journal of Gastroenterology</i> , 1996, 31, 92-97.	0.6	11
487	Pediatric Cancer: Environmental and Genetic Aspects. <i>Pediatric Hematology and Oncology</i> , 1996, 13, 319-331.	0.3	9
488	Requirement of the Yeast MSH3 and MSH6 Genes for MSH2-dependent Genomic Stability. <i>Journal of Biological Chemistry</i> , 1996, 271, 7285-7288.	1.6	184
489	DNA mismatch repair gene mutations in 55 kindreds with verified or putative hereditary non-polyposis colorectal cancer. <i>Human Molecular Genetics</i> , 1996, 5, 763-769.	1.4	198
490	Cisplatin and Adriamycin Resistance Are Associated with MutL Δ and Mismatch Repair Deficiency in an Ovarian Tumor Cell Line. <i>Journal of Biological Chemistry</i> , 1996, 271, 19645-19648.	1.6	251
491	Mouse RAD50 Has Limited Epitopic Homology to p53 and Is Expressed in the Adult Myocardium. <i>Journal of Biological Chemistry</i> , 1996, 271, 29255-29264.	1.6	21
492	Human MutS Δ Specifically Binds to DNA Containing Aminofluorene and Acetylaminofluorene Adducts. <i>Journal of Biological Chemistry</i> , 1996, 271, 24084-24088.	1.6	54
493	Identification and Characterization of a Thermostable MutS Homolog from <i>Thermus aquaticus</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 5040-5048.	1.6	60
494	Microsatellite instability in early onset and familial colorectal cancer.. <i>Journal of Medical Genetics</i> , 1996, 33, 981-985.	1.5	36
495	Microsatellite instability differences between familial and sporadic ovarian cancers. <i>Carcinogenesis</i> , 1996, 17, 1799-1804.	1.3	59
496	The <i>Escherichia coli</i> MutS DNA mismatch binding protein specifically binds O6-methylguanine DNA lesions. <i>Carcinogenesis</i> , 1996, 17, 2085-2088.	1.3	51
497	SHORT COMMUNICATION: Regulated expression of APE apurinic endonuclease mRNA during wound healing in porcine epidermis. <i>Carcinogenesis</i> , 1996, 17, 377-381.	1.3	18
498	A European surgeon's odyssey " experiences and conclusions. <i>European Journal of Cardio-thoracic Surgery</i> , 1996, 10, 77-82.	0.6	1
499	Germline Mutations of hMLH1 and hMSH2 Genes in Korean Hereditary Nonpolyposis Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 1996, 88, 1317-1319.	3.0	62
500	Tumour heterogeneity and clonality " an old theme revisited. <i>Annals of Oncology</i> , 1996, 7, 121-128.	0.6	24
501	A comparison of the detection of activated c-Ki-ras genes by mismatch specific oligonucleotide hybridisation analysis and enriched PCR in colorectal adenocarcinomas. <i>International Journal of Oncology</i> , 1996, 8, 139.	1.4	0
502	Genetics of colorectal cancer (Review). <i>International Journal of Oncology</i> , 1996, 9, 327-35.	1.4	2

#	ARTICLE	IF	CITATIONS
503	Regional differences of physiological functions and cancer susceptibility in the human large intestine. <i>International Journal of Oncology</i> , 1996, 9, 1055-69.	1.4	6
504	MX100, a new <i>Escherichia coli</i> tester strain for use in genotoxicity studies. <i>Mutagenesis</i> , 1996, 11, 327-333.	1.0	18
505	Recycling Selectable Markers in Mouse Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 1996, 16, 1851-1856.	1.1	103
506	Advances in the Early Detection of Lung Cancer. <i>Seminars in Respiratory and Critical Care Medicine</i> , 1996, 17, 335-341.	0.8	1
507	DNA Polymerase γ Is Required for Human Mismatch Repair in Vitro. <i>Journal of Biological Chemistry</i> , 1997, 272, 10917-10921.	1.6	186
508	Mouse models of human disease. Part II: recent progress and future directions.. <i>Genes and Development</i> , 1997, 11, 11-43.	2.7	172
509	Germline HNPCC gene variants have little influence on the risk for sporadic colorectal cancer.. <i>Journal of Medical Genetics</i> , 1997, 34, 39-42.	1.5	35
510	Altered microsatellites in incomplete-type intestinal metaplasia adjacent to primary gastric cancers.. <i>Journal of Clinical Pathology</i> , 1997, 50, 841-846.	1.0	77
511	Mismatch Repair Defects and O ⁶ -Methylguanine-DNA Methyltransferase Expression in Acquired Resistance to Methylating Agents in Human Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 28596-28606.	1.6	53
512	Mutations Predisposing to Hereditary Nonpolyposis Colorectal Cancer. <i>Advances in Cancer Research</i> , 1997, 71, 93-119.	1.9	148
513	Characterization of a Putative Helix-Loop-Helix Motif in Nucleotide Excision Repair Endonuclease, XPG. <i>Journal of Biological Chemistry</i> , 1997, 272, 27823-27829.	1.6	8
514	Role of proofreading and mismatch repair in maintaining the stability of nucleotide repeats in DNA. <i>Nucleic Acids Research</i> , 1997, 25, 806-813.	6.5	59
515	Predisposition Genetic Testing for Late-Onset Disorders in Adults. <i>JAMA - Journal of the American Medical Association</i> , 1997, 278, 1217.	3.8	80
516	Trinucleotide repeats associated with human disease. <i>Nucleic Acids Research</i> , 1997, 25, 2245-2253.	6.5	284
517	Origins of ... familial cancer: histopathological perspectives.. <i>Journal of Clinical Pathology</i> , 1997, 50, 892-895.	1.0	9
518	The Laminin α Chains: Expression, Developmental Transitions, and Chromosomal Locations of α 1-5, Identification of Heterotrimeric Laminins α 11, and Cloning of a Novel α 3 Isoform. <i>Journal of Cell Biology</i> , 1997, 137, 685-701.	2.3	628
519	Human MSH2 binds to trinucleotide repeat DNA structures associated with neurodegenerative diseases. <i>Human Molecular Genetics</i> , 1997, 6, 1117-1123.	1.4	137
520	Mutation frequencies at codon 248 of the p53 tumour suppressor gene are not increased in colon cancer cell lines with the RER ⁺ phenotype. <i>Nucleic Acids Research</i> , 1997, 25, 3643-3648.	6.5	15

#	ARTICLE	IF	CITATIONS
521	MSH2, MSH3, MSH6/GTBP, MLH1. , 1997, , 432-437.		0
522	Genetic Testing in Hereditary Colorectal Cancer. JAMA - Journal of the American Medical Association, 1997, 278, 1278.	3.8	49
524	Patients with multiple gastric cancers have poorer prognosis than patients with single gastric cancer. International Journal of Oncology, 1997, 10, 787-91.	1.4	1
525	Acute leukemia. International Journal of Oncology, 1997, 11, 657.	1.4	0
526	Mutational analysis of the hMSH2 gene in a wide variety of tumors. International Journal of Oncology, 1997, 11, 465.	1.4	1
527	The Significance and Potential Molecular Mechanisms of Gastrointestinal Barrier Homeostasis. Scandinavian Journal of Gastroenterology, 1997, 32, 1073-1082.	0.6	10
528	Impact of the Human Genome Project on Epidemiologic Research. Epidemiologic Reviews, 1997, 19, 3-13.	1.3	22
529	Gastric carcinoma: clinical, pathogenic and molecular aspects. QJM - Monthly Journal of the Association of Physicians, 1997, 90, 735-749.	0.2	16
530	Cancer Cells Exhibit a Mutator Phenotype. Advances in Cancer Research, 1997, 72, 25-56.	1.9	204
531	Finkel-Biskis-Reilly Mouse Osteosarcoma Virus v-fos Inhibits the Cellular Response to Ionizing Radiation in a Myristoylation-dependent Manner. Journal of Biological Chemistry, 1997, 272, 14005-14008.	1.6	13
532	Destabilization of CAG Trinucleotide Repeat Tracts by Mismatch Repair Mutations in Yeast. Human Molecular Genetics, 1997, 6, 349-355.	1.4	93
533	Monte Carlo Markov chain methods and model selection in Genetic analysis. Animal Biotechnology, 1997, 8, 129-144.	0.7	0
534	Mutations of DNA repair associated gene, APEX in human colorectal cancer. Experimental and Molecular Medicine, 1997, 29, 165-170.	3.2	0
535	The Cellular Basis of Tumor Progression. International Review of Cytology, 1997, 177, 1-56.	6.2	132
536	Precise assessment of microsatellite instability using high resolution fluorescent microsatellite analysis. Nucleic Acids Research, 1997, 25, 3415-3420.	6.5	87
537	Sequence walkers: A graphical method to display how binding proteins interact with DNA or RNA sequences. Nucleic Acids Research, 1997, 25, 4408-4415.	6.5	95
538	Deletions of the Short Arm of Chromosome 3 in Solid Tumors and the Search for Suppressor Genes. Advances in Cancer Research, 1997, 71, 27-92.	1.9	278
539	Molecular Damage in the Bronchial Epithelium of Current and Former Smokers. Journal of the National Cancer Institute, 1997, 89, 1366-1373.	3.0	435

#	ARTICLE	IF	CITATIONS
540	Enrichment of oligo(dG){middle dot}oligo(dC)-containing fragments from human genomic DNA by Mg ²⁺ -dependent triplex affinity capture. <i>Nucleic Acids Research</i> , 1997, 25, 1701-1708.	6.5	2
541	Mutated p53 Gene Is an Independent Adverse Predictor of Survival in Colon Carcinoma. <i>Archives of Surgery</i> , 1997, 132, 371.	2.3	61
542	Alternative Splicing of GTBP in Normal Human Tissues. <i>DNA Research</i> , 1997, 4, 359-362.	1.5	1
543	Cloning and characterization of a functional human homolog of <i>Escherichia coli</i> endonuclease III. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 109-114.	3.3	266
544	Alternative genetic pathways in colorectal carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 12122-12127.	3.3	209
545	Genetic prognostic markers in colorectal cancer.. <i>Journal of Clinical Pathology</i> , 1997, 50, 281-288.	2.1	16
546	Instability of CAG and CTG Trinucleotide Repeats in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1997, 17, 3382-3387.	1.1	85
547	Hepatocyte Nuclear Factor 3/fork head Homolog 11 Is Expressed in Proliferating Epithelial and Mesenchymal Cells of Embryonic and Adult Tissues. <i>Molecular and Cellular Biology</i> , 1997, 17, 1626-1641.	1.1	342
548	Genetic and biochemical analysis of Msh2p-Msh6p: role of ATP hydrolysis and Msh2p-Msh6p subunit interactions in mismatch base pair recognition. <i>Molecular and Cellular Biology</i> , 1997, 17, 2436-2447.	1.1	130
549	Functional Domains of the <i>Saccharomyces cerevisiae</i> Mlh1p and Pms1p DNA Mismatch Repair Proteins and Their Relevance to Human Hereditary Nonpolyposis Colorectal Cancer-Associated Mutations. <i>Molecular and Cellular Biology</i> , 1997, 17, 4465-4473.	1.1	122
550	Instability of the 12-Nucleotide Repeat in c-myc Gene of Bovine T-Lymphoma Cells.. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 1071-1074.	0.3	0
551	Expression of the DNA mismatch repair proteins hMLH1 and hPMS2 in normal human tissues. <i>British Journal of Cancer</i> , 1997, 76, 890-893.	2.9	26
552	Elevated levels of mutation in multiple tissues of mice deficient in the DNA mismatch repair gene Pms2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 3122-3127.	3.3	143
553	Proliferation of mutators in A cell population. <i>Journal of Bacteriology</i> , 1997, 179, 417-422.	1.0	310
554	Molecular methods in diagnostic pathology. <i>Biotechnology Annual Review</i> , 1997, , 169-195.	2.1	0
555	The gene for the naevoid basal cell carcinoma syndrome acts as a tumour-suppressor gene in medulloblastoma. <i>British Journal of Cancer</i> , 1997, 76, 141-145.	2.9	118
556	The Natural Somatic Mutation Frequency and Human Carcinogenesis. <i>Advances in Cancer Research</i> , 1997, 71, 209-240.	1.9	80
557	Tumor Suppressor Genes and Human Cancer. <i>Advances in Genetics</i> , 1997, 36, 45-135.	0.8	30

#	ARTICLE	IF	CITATIONS
558	Identifying human homologs of cell cycle genes using dbEST and XREFdb. <i>Methods in Enzymology</i> , 1997, 283, 128-140.	0.4	6
559	The Oncormed Approach to Genetic Testing. <i>Genetic Testing and Molecular Biomarkers</i> , 1997, 1, 137-144.	1.7	4
561	Purification and Characterization of the DNA Polymerase β Associated Exonuclease: The RTH1 Gene Product. <i>Biochemistry</i> , 1997, 36, 5947-5954.	1.2	31
562	Decreased Stability of Transforming Growth Factor β Type II Receptor mRNA in RER+Human Colon Carcinoma Cells. <i>Biochemistry</i> , 1997, 36, 14786-14793.	1.2	20
563	THE GENETICS OF COLORECTAL CANCER. <i>Surgical Clinics of North America</i> , 1997, 77, 175-195.	0.5	31
564	PSYCHOLOGICAL OPPORTUNITIES AND HAZARDS IN PREDICTIVE GENETIC TESTING FOR CANCER RISK. <i>Gastroenterology Clinics of North America</i> , 1997, 26, 19-39.	1.0	18
565	MOLECULAR PATHOGENESIS OF COLORECTAL CANCER. <i>Hematology/Oncology Clinics of North America</i> , 1997, 11, 609-633.	0.9	23
566	Mini- and Microsatellites. <i>Environmental Health Perspectives</i> , 1997, 105, 781.	2.8	15
567	THE MOLECULAR BASIS FOR CARCINOGENESIS IN METAPLASTIC COLUMNAR-LINED ESOPHAGUS. <i>Gastroenterology Clinics of North America</i> , 1997, 26, 583-597.	1.0	18
568	SCREENING AND SURVEILLANCE FOR COLORECTAL CARCINOMA. <i>Hematology/Oncology Clinics of North America</i> , 1997, 11, 579-810.	0.9	21
569	Radiation-Induced Genomic Instability: Delayed Mutagenic and Cytogenetic Effects of X Rays and Alpha Particles. <i>Radiation Research</i> , 1997, 148, 299.	0.7	175
570	Cytotoxic Mechanism of 6-Thioguanine: hMutS, the Human Mismatch Binding Heterodimer, Binds to DNA Containing S6-Methylthioguanine. <i>Biochemistry</i> , 1997, 36, 2501-2506.	1.2	108
571	Analysis of the Mismatch and Insertion/Deletion Binding Properties of <i>Thermus thermophilus</i> HB8, MutS. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 834-837.	1.0	23
572	Cloning and Expression Analysis of a Meiosis-Specific MutS Homolog: The Human MSH4 Gene. <i>Genomics</i> , 1997, 44, 188-194.	1.3	96
573	<i>Saccharomyces cerevisiae</i> MSH2, a mispaired base recognition protein, also recognizes Holliday junctions in DNA. <i>Journal of Molecular Biology</i> , 1997, 265, 289-301.	2.0	94
574	Genome Surfing: Using Internet-Based Informatic Tools toward Functional Genetic Studies in Mouse and Humans. <i>Methods</i> , 1997, 13, 445-457.	1.9	4
575	MutS homologs in mammalian cells. <i>Current Opinion in Genetics and Development</i> , 1997, 7, 105-113.	1.5	150
576	DNA mismatch repair in mammals: role in disease and meiosis. <i>Current Opinion in Genetics and Development</i> , 1997, 7, 364-370.	1.5	39

#	ARTICLE	IF	CITATIONS
577	Benign and malignant thyroid lesions show instability at microsatellite loci. <i>European Journal of Cancer</i> , 1997, 33, 293-296.	1.3	36
578	An intronic germline transition in the HNPCC gene hMSH2 is associated with sporadic colorectal cancer. <i>European Journal of Cancer</i> , 1997, 33, 1869-1874.	1.3	34
579	The genetics and natural history of hereditary colon cancer. <i>Seminars in Oncology Nursing</i> , 1997, 13, 91-98.	0.7	15
580	Genetic control of microsatellite stability. <i>Mutation Research DNA Repair</i> , 1997, 383, 61-70.	3.8	127
581	Mutation in the Mismatch Repair Gene Msh6 Causes Cancer Susceptibility. <i>Cell</i> , 1997, 91, 467-477.	13.5	326
582	The Human Mismatch Recognition Complex hMSH2-hMSH6 Functions as a Novel Molecular Switch. <i>Cell</i> , 1997, 91, 995-1005.	13.5	336
583	Mutations in PDX1, the Human Lipoyl-Containing Component X of the Pyruvate Dehydrogenase Complex Gene on Chromosome 11p1, in Congenital Lactic Acidosis. <i>American Journal of Human Genetics</i> , 1997, 61, 1318-1326.	2.6	47
584	Reduced Frequency of Extracolonic Cancers in Hereditary Nonpolyposis Colorectal Cancer Families with Monoallelic hMLH1 Expression. <i>American Journal of Human Genetics</i> , 1997, 61, 129-138.	2.6	79
585	Hereditary Nonpolyposis Colorectal Cancer Families Not Complying with the Amsterdam Criteria Show Extremely Low Frequency of Mismatch-Repair-Gene Mutations. <i>American Journal of Human Genetics</i> , 1997, 61, 329-335.	2.6	216
586	Discussion. <i>Trends in Neurosciences</i> , 1997, 20, 501-507.	4.2	27
587	Differences and similarities between various tandem repeat sequences: Minisatellites and microsatellites. <i>Biochimie</i> , 1997, 79, 577-586.	1.3	104
589	Temozolomide: a review of its discovery, chemical properties, pre-clinical development and clinical trials. <i>Cancer Treatment Reviews</i> , 1997, 23, 35-61.	3.4	717
590	Cloning of the cDNA encoding rat homologue of the mismatch repair gene MSH2 and its expression during spermatogenesis. <i>Gene</i> , 1997, 185, 19-26.	1.0	12
591	Karnofsky Memorial Lecture. Hereditary cancer: theme and variations.. <i>Journal of Clinical Oncology</i> , 1997, 15, 3280-3287.	0.8	39
592	Microsatellite Instability in Hematologic Malignancies. <i>Leukemia and Lymphoma</i> , 1997, 25, 455-461.	0.6	20
593	Recombination-dependent deletion formation in mammalian cells deficient in the nucleotide excision repair gene ERCC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 13122-13127.	3.3	78
594	Analysis of a polyadenine tract of the transforming growth factor- β 2 type II receptor gene in colorectal cancers by non-gel-sieving capillary electrophoresis. <i>Clinical Chemistry</i> , 1997, 43, 759-763.	1.5	9
595	Contributions of the Molecular Biologist in Gastrointestinal Cancer and Precancer Screening: Current Possibilities and Future Prospects. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 1997, 7, 147-164.	0.6	1

#	ARTICLE	IF	CITATIONS
596	Model Organisms Illuminate Human Genetics and Disease. <i>Molecular Medicine</i> , 1997, 3, 231-237.	1.9	6
597	Radiological Screening in Hereditary Tumour Prone Conditions. <i>BMUS Bulletin</i> , 1997, 5, 4-8.	0.0	0
598	Genes Driving the Colonoscope. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 1997, 7, 293-311.	0.6	2
599	Molecular and Genetic Advances in Gastrointestinal Cancer: State of the Art. <i>Digestive Diseases</i> , 1997, 15, 275-301.	0.8	3
600	DNA mismatch repair gene mutations in human cancer.. <i>Environmental Health Perspectives</i> , 1997, 105, 775-780.	2.8	24
601	Mini- and microsatellites.. <i>Environmental Health Perspectives</i> , 1997, 105, 781-789.	2.8	22
602	Mutations and Loss of Expression of a Mismatch Repair Gene, hMLH1, in Leukemia and Lymphoma Cell Lines. <i>Blood</i> , 1997, 89, 1740-1747.	0.6	66
603	Defects of the Mismatch Repair Gene MSH2 Are Implicated in the Development of Murine and Human Lymphoblastic Lymphomas and Are Associated With the Aberrant Expression of Rhombotin-2 (Lmo-2) and Tal-1 (SCL). <i>Blood</i> , 1997, 89, 2276-2282.	0.6	81
604	New Molecular Aspects in Gastric Cancer: Possible Clinical Implications. <i>Oncology Research and Treatment</i> , 1997, 20, 18-24.	0.8	2
605	DNA Mismatch Repair and Hereditary Nonpolyposis Colorectal Cancer. <i>Oncology Research and Treatment</i> , 1997, 20, 42-47.	0.8	1
606	Identification and characterization of <i>Saccharomyces cerevisiae</i> EXO1, a gene encoding an exonuclease that interacts with MSH2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 7487-7492.	3.3	367
607	Preventive Medical Examinations for Colorectal Cancer in Japan to Reduce Mortality from Colorectal Cancer. <i>Digestive Endoscopy</i> , 1997, 9, 3-10.	1.3	1
608	BIOLOGIC IMPLICATIONS OF GENETIC CHANGES IN HEAD AND NECK SQUAMOUS CELL CARCINOGENESIS. <i>ANZ Journal of Surgery</i> , 1997, 67, 410-416.	0.3	9
609	Absence of microsatellite instability during the progression of chronic myelocytic leukemia. <i>Leukemia</i> , 1997, 11, 151-152.	3.3	22
610	Apparent protection from instability of repeat sequences in cancer-related genes in replication error positive gastrointestinal cancers. <i>Oncogene</i> , 1997, 14, 2613-2618.	2.6	15
611	Inactivation of p53 results in high rates of homologous recombination. <i>Oncogene</i> , 1997, 14, 1847-1857.	2.6	212
612	Evidence of genetic progression in human gastric carcinomas with microsatellite instability. <i>Oncogene</i> , 1997, 15, 1719-1726.	2.6	78
613	Drastic genetic instability of tumors and normal tissues in Turcot syndrome. <i>Oncogene</i> , 1997, 15, 2877-2881.	2.6	94

#	ARTICLE	IF	CITATIONS
614	Moderate intergenerational and somatic instability of a 55-CTG repeat in transgenic mice. <i>Nature Genetics</i> , 1997, 15, 190-192.	9.4	117
615	Genome cross-referencing and XREFdb: Implications for the identification and analysis of genes mutated in human disease. <i>Nature Genetics</i> , 1997, 15, 339-344.	9.4	82
616	Female embryonic lethality in mice nullizygous for both Msh2 and p53. <i>Nature Genetics</i> , 1997, 17, 114-118.	9.4	67
617	Germline mutation of MSH6 as the cause of hereditary nonpolyposis colorectal cancer. <i>Nature Genetics</i> , 1997, 17, 271-272.	9.4	643
618	Infrequent microsatellite instability in oesophageal cancers. <i>British Journal of Cancer</i> , 1997, 75, 1336-1339.	2.9	66
619	Trinucleotide Repeat Instability: Genetic Features and Molecular Mechanisms. <i>Brain Pathology</i> , 1997, 7, 943-963.	2.1	73
620	Studies of neoplasia in the Min mouse 1C57BL/6J Min/+ mice are available worldwide from The Jackson Laboratory, Bar Harbor, ME 04609, USA.1. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1997, 1332, F25-F48.	3.3	85
621	Protein tyrosine kinases and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1997, 1333, F217-F248.	3.3	138
622	The molecular genetics of pancreatic cancer. <i>Surgical Oncology</i> , 1997, 6, 1-18.	0.8	34
623	Molecular advances in the etiology and treatment of colorectal cancer. <i>Surgical Oncology</i> , 1997, 6, 143-156.	0.8	9
624	Microsatellite instability in human solid tumors. <i>Trends in Molecular Medicine</i> , 1997, 3, 61-68.	2.6	68
625	Genetic changes in prostate cancer. <i>Pathology International</i> , 1997, 47, 735-747.	0.6	20
626	Diagnosing colorectal carcinoma: clinical and molecular approaches. <i>Ca-A Cancer Journal for Clinicians</i> , 1997, 47, 70-92.	157.7	33
627	Genetic changes induced by heterocyclic amines. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 376, 161-167.	0.4	81
628	Cytogenetic abnormalities and microsatellite instability in endometrial adenocarcinoma. <i>Cancer Genetics and Cytogenetics</i> , 1997, 94, 113-119.	1.0	19
629	An update of HNPCC (Lynch syndrome). <i>Cancer Genetics and Cytogenetics</i> , 1997, 93, 84-99.	1.0	190
630	Colorectal carcinogenesis: From chromosomal evolution pathways to molecular pathogenesis. <i>Cancer Genetics and Cytogenetics</i> , 1997, 93, 63-73.	1.0	22
631	Allele loss in colorectal cancer at the Cowden disease/Juvenile Polyposis locus on 10q. <i>Cancer Genetics and Cytogenetics</i> , 1997, 97, 64-69.	1.0	36

#	ARTICLE	IF	CITATIONS
632	The Familial Cancer Program of the Vermont Cancer Center: Development of a Cancer Genetics Program in a Rural Area. <i>Journal of Genetic Counseling</i> , 1997, 6, 131-145.	0.9	7
633	p53 and CD44 as clinical markers of tumour progression in colorectal carcinogenesis. <i>The Histochemical Journal</i> , 1997, 29, 439-452.	0.6	17
634	Genomic Instability, as Measured by Microsatellite Alterations, Is Not Associated with Liver Tumor Development in the Genetically Susceptible B6C3F1 Mouse. <i>Toxicology and Applied Pharmacology</i> , 1997, 143, 167-172.	1.3	3
635	Molecular genetics of colon cancer. <i>Cancer and Metastasis Reviews</i> , 1997, 16, 67-79.	2.7	40
636	Topographic genotyping of colorectal carcinoma: From a molecular carcinogenesis model to clinical relevance. <i>Annals of Surgical Oncology</i> , 1997, 4, 269-278.	0.7	4
637	Overview of the epidemiology of colorectal cancer. <i>Diseases of the Colon and Rectum</i> , 1997, 40, 483-493.	0.7	96
638	Rare microsatellite polymorphisms in the DNA repair genes XRCC1, XRCC3 and XRCC5 associated with cancer in patients of varying radiosensitivity. <i>Somatic Cell and Molecular Genetics</i> , 1997, 23, 237-247.	0.7	72
639	Expression of Rap 1 suppresses genomic instability of H-ras transformed mouse fibroblasts. <i>Somatic Cell and Molecular Genetics</i> , 1997, 23, 123-133.	0.7	14
640	Preferential mutagenesis of lacZ integrated at unique sites in the Escherichia coli chromosome. <i>Molecular Genetics and Genomics</i> , 1997, 255, 449-459.	2.4	4
641	Use of SSCP analysis to identify germline mutations in HNPCC families fulfilling the Amsterdam criteria. <i>Human Genetics</i> , 1997, 99, 219-224.	1.8	53
642	Tumorigenesis in colorectal tumors from patients with hereditary non-polyposis colorectal cancer. <i>Human Genetics</i> , 1997, 101, 51-55.	1.8	75
643	Analysis of microsatellite instability and loss of heterozygosity in keratoacanthoma. <i>Archives of Dermatological Research</i> , 1997, 289, 185-188.	1.1	22
644	Recent Advances in Molecular Genetics of Colorectal Cancer. <i>World Journal of Surgery</i> , 1997, 21, 678-687.	0.8	27
645	Using genetic information to make surgical decisions. <i>Diseases of the Colon and Rectum</i> , 1997, 40, 240-243.	0.7	10
646	Undetectable expression of hMLH1 protein in sporadic colorectal cancer with replication error phenotype. <i>Diseases of the Colon and Rectum</i> , 1997, 40, S23-S28.	0.7	12
647	Hereditary nonpolyposis colorectal cancer. <i>Diseases of the Colon and Rectum</i> , 1997, 40, S86-S95.	0.7	30
648	Molecular genetics of colorectal cancer (part 1). <i>Clinical Oncology</i> , 1997, 9, 14-19.	0.6	3
649	Ectopic expression of reg protein: a marker of colorectal mucosa at risk for neoplasia. <i>Journal of Gastrointestinal Surgery</i> , 1997, 1, 194-202.	0.9	28

#	ARTICLE	IF	CITATIONS
650	From expressed sequence tags to "epigenomics": an understanding of disease processes. <i>Current Opinion in Biotechnology</i> , 1997, 8, 684-687.	3.3	25
651	Molecular biology of colorectal cancer. <i>Current Problems in Cancer</i> , 1997, 21, 233-299.	1.0	173
652	Muir-Torre syndrome: clinical features and molecular genetic analysis. <i>British Journal of Dermatology</i> , 1997, 136, 913-917.	1.4	13
653	Widespread microsatellite instability in sebaceous tumours of patients with the Muir-Torre syndrome. <i>British Journal of Dermatology</i> , 1997, 137, 356-360.	1.4	6
654	Microsatellite instability and other molecular abnormalities in childhood acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 1997, 98, 134-139.	1.2	31
655	Incidence of hereditary non-polyposis colorectal cancer in a population-based study of 1137 consecutive cases of colorectal cancer. <i>British Journal of Surgery</i> , 1997, 84, 1281-1285.	0.1	36
656	A two-locus model for hereditary non-polyposis colorectal cancer in Modena, Italy. <i>Annals of Human Genetics</i> , 1997, 61, 109-119.	0.3	2
657	Molecular genetic analysis in the pathologic evaluation of solid tumors: Theory and practice. <i>Journal of Clinical Laboratory Analysis</i> , 1997, 11, 10-16.	0.9	2
658	MICROSATELLITE INSTABILITY IN INTESTINAL- AND DIFFUSE-TYPE GASTRIC CARCINOMA. , 1997, 182, 167-173.		51
659	Microsatellite instability in sporadic mucinous colorectal carcinomas: relationship to clinico-pathological variables. , 1997, 182, 380-384.		72
660	Diagnostic and prognostic markers for human prostate cancer. , 1997, 31, 264-281.		54
661	Identification of a one-base germline deletion (codon 888 del C) and an intron splice acceptor site polymorphism in hMSH2. , 1997, 10, 80-81.		2
662	Molecular basis of HNPCC: Mutations of MMR genes. <i>Human Mutation</i> , 1997, 10, 89-99.	1.1	166
663	Hereditary nonpolyposis colorectal cancer (HNPCC): Eight novel germline mutations in hMSH2 or hMLH1 genes. , 1997, 10, 241-244.		31
664	Mutation of hMSH3 and hMSH6 mismatch repair genes in genetically unstable human colorectal and gastric carcinomas. <i>Human Mutation</i> , 1997, 10, 474-478.	1.1	58
665	Germline versus somatic mutations of the APC gene: Evidence for mechanistic differences. , 1997, 9, 286-288.		5
666	Mutations in MLH1 are more frequent than in MSH2 in sporadic colorectal cancers with microsatellite instability. , 1997, 18, 42-49.		47
667	Mutational analysis of MLH1 and MSH2 in 25 prospectively-acquired RER+ endometrial cancers. , 1997, 18, 219-227.		98

#	ARTICLE	IF	CITATIONS
668	MSH2 and MLH1 mutations in sporadic replication error-positive colorectal carcinoma as assessed by two-dimensional DNA electrophoresis. , 1997, 18, 269-278.		99
669	Mean age of tumor onset in hereditary nonpolyposis colorectal cancer (HNPCC) families correlates with the presence of mutations in DNA mismatch repair genes. , 1997, 19, 135-142.		46
670	Mechanisms underlying mismatch repair deficiencies in normal cells. , 1997, 20, 305-309.		3
671	No evidence of microsatellite instability but frequent loss of heterozygosity in primary resected lung cancer. , 1997, 30, 217-223.		20
672	Induction of germline-length mutations at the minisatellites PC-1 and PC-2 in male mice exposed to polychlorinated biphenyls and diesel exhaust emissions. Environmental and Molecular Mutagenesis, 1997, 30, 254-259.	0.9	28
673	Overexpression of eukaryotic initiation factor 4E (eIF4E) in breast carcinoma. Cancer, 1997, 79, 2385-2390.	2.0	133
674	Molecular genetics and hereditary cancer. Cancer, 1997, 80, 533-536.	2.0	1
675	Low frequency of hMSH2 mutations in Swedish HNPCC families. , 1997, 74, 134-137.		20
676	K-ras and p53 mutations in hereditary non-polyposis colorectal cancers. International Journal of Cancer, 1997, 74, 94-96.	2.3	80
677	Microsatellite instability in cervical and endometrial carcinomas. International Journal of Cancer, 1997, 70, 499-501.	2.3	64
678	Disease expression in Swiss hereditary non-polyposis colorectal cancer (HNPCC) kindreds. , 1997, 74, 281-285.		20
679	Microsatellite instability in sporadic-colon-cancer patients with and without liver metastases. , 1997, 74, 470-474.		37
680	High frequency of genetic instability of microsatellites in human prostatic adenocarcinoma. , 1997, 72, 762-767.		71
681	Automated Detection of Hereditary Syndromes Using Data Mining. Journal of Biomedical Informatics, 1997, 30, 337-348.	0.7	24
682	Molecular prognostic markers in breast cancer. Breast Cancer Research and Treatment, 1998, 52, 185-200.	1.1	24
683	Cancer Risk Assessment and Genetic Counseling in an Academic Medical Center: Consultants' Satisfaction, Knowledge, and Behavior in the First Year. Journal of Genetic Counseling, 1998, 7, 279-297.	0.9	29
684	Replication errors: challenging the genome. EMBO Journal, 1998, 17, 6427-6436.	3.5	179
685	Tumour suppressor gene mutations in humans and mice: parallels and contrasts. EMBO Journal, 1998, 17, 6783-6789.	3.5	28

#	ARTICLE	IF	CITATIONS
686	Microsatellite Instability and Somatic Mutations in Endometrial Carcinomas. <i>Gynecologic Oncology</i> , 1998, 71, 53-58.	0.6	30
687	Analysis of 1.9â€‰Mb of contiguous sequence from chromosome 4 of <i>Arabidopsis thaliana</i> . <i>Nature</i> , 1998, 391, 485-488.	13.7	844
688	Genetic instabilities in human cancers. <i>Nature</i> , 1998, 396, 643-649.	13.7	3,851
689	Frameshift Mutations of the MSH6 Gene in Human Leukemia Cell Lines. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 33-39.	1.7	12
690	Microsatellite Instability and Frameshift Mutations in the Bax Gene in Hereditary Nonpolyposis Colorectal Carcinoma. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 1020-1027.	1.7	6
691	Mutational Analyses of Multiple Target Genes in Histologically Heterogeneous Gastric Cancer with Microsatellite Instability. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 1284-1291.	1.7	14
692	Mismatch repair deficiency leads to a unique mode of colorectal tumorigenesis characterized by intratumoral heterogeneity. <i>Oncogene</i> , 1998, 16, 1259-1265.	2.6	22
693	BAX frameshift mutations in cell lines derived from human haemopoietic malignancies are associated with resistance to apoptosis and microsatellite instability. <i>Oncogene</i> , 1998, 16, 1803-1812.	2.6	157
694	Microsatellite mutation rates in cancer cell lines deficient or proficient in mismatch repair. <i>Oncogene</i> , 1998, 16, 2389-2393.	2.6	37
695	Mutations in OGG1, a gene involved in the repair of oxidative DNA damage, are found in human lung and kidney tumours. <i>Oncogene</i> , 1998, 16, 3083-3086.	2.6	205
696	MLH1 promoter hypermethylation is associated with the microsatellite instability phenotype in sporadic endometrial carcinomas. <i>Oncogene</i> , 1998, 17, 2413-2417.	2.6	442
697	Tumour susceptibility and spontaneous mutation in mice deficient in Mlh1, Pms1 and Pms2 DNA mismatch repair. <i>Nature Genetics</i> , 1998, 18, 276-279.	9.4	332
698	Amino acid insertions and deletions contribute to diversify the human Ig repertoire. <i>Immunological Reviews</i> , 1998, 162, 143-151.	2.8	36
699	Complementation of mismatch repair gene defects by chromosome transfer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 402, 15-22.	0.4	12
700	Transgenic assays for mutations and cancer: current status and future perspectives. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 400, 337-354.	0.4	25
701	In situ detection of frameshift mutation in mouse cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 421, 163-178.	0.4	8
702	Mutation of the uracil DNA glycosylase gene detected in glioblastoma. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 421, 191-196.	0.4	18
703	A microsatellite within the MUC1 locus at 1q21 is altered in the neoplastic cells of breast cancer patients. <i>Cancer Genetics and Cytogenetics</i> , 1998, 100, 63-67.	1.0	11

#	ARTICLE	IF	CITATIONS
704	Microsatellite Instability Is Uncommon in Young Patients with Renal Cell Carcinoma. <i>Cancer Genetics and Cytogenetics</i> , 1998, 101, 123-127.	1.0	9
705	Molecular Genetics of Renal Cell Carcinoma. <i>Cancer Genetics and Cytogenetics</i> , 1998, 104, 1-18.	1.0	20
706	Epidemiology and molecular genetics of colorectal cancer. <i>Surgical Oncology</i> , 1998, 7, 115-123.	0.8	34
707	Clinicopathologic and genetic features of nonfamilial colorectal carcinomas with DNA replication errors. <i>Cancer</i> , 1998, 82, 279-285.	2.0	62
708	A cost-effectiveness analysis of colorectal screening for hereditary nonpolyposis colorectal carcinoma gene carriers. , 1998, 82, 1632-1637.		133
709	Microsatellite instability in human solid tumors. , 1998, 82, 1808-1820.		197
710	Colorectal carcinoma survival among hereditary nonpolyposis colorectal carcinoma family members. <i>Cancer</i> , 1998, 83, 259-266.	2.0	247
711	Relation between microsatellite instability and N-ras mutation and duration of disease free survival in patients with acute leukemia. <i>Cancer</i> , 1998, 83, 475-481.	2.0	8
712	Multifocal occurrence of gastric carcinoma in patients with a family history of gastric carcinoma. <i>Cancer</i> , 1998, 83, 1307-1311.	2.0	22
713	Genetic instability and mutation of the TGF- β -receptor-II gene in ampullary carcinomas. , 1998, 76, 407-411.		25
714	Family aggregation of carcinoma of the hypopharynx and cervical esophagus: Special reference to multiplicity of cancer in upper aerodigestive tract. , 1998, 76, 468-471.		28
715	Risk factors for endometrial cancer according to familial susceptibility. , 1998, 77, 29-32.		21
716	Excess of hMLH1 germline mutations in Swiss families with hereditary non-polyposis colorectal cancer. <i>International Journal of Cancer</i> , 1998, 78, 680-684.	2.3	34
717	Instability of dinucleotide repeats in Hodgkin's disease. , 1998, 57, 148-152.		16
718	Determination of the replication error phenotype in human tumors without the requirement for matching normal DNA by analysis of mononucleotide repeat microsatellites. , 1998, 21, 101-107.		203
719	Genetics of colorectal cancer. , 1998, 15, 126-130.		20
720	Hereditary non-polyposis colorectal cancer. <i>International Journal of Colorectal Disease</i> , 1998, 13, 3-12.	1.0	19
721	Mutations of p16 and p15 tumor suppressor genes and replication errors contribute independently to the pathogenesis of sporadic malignant melanoma. <i>Archives of Dermatological Research</i> , 1998, 290, 175-180.	1.1	18

#	ARTICLE	IF	CITATIONS
722	Chromosome instability evaluated by fluorescence in situ hybridization in hereditary non-polyposis colorectal cancer. <i>Journal of Gastroenterology</i> , 1998, 33, 495-499.	2.3	3
723	Importance of cytogenetic markers for multiple primary carcinomas in colorectal cancer: Chromosome 17 and p53 locus translocation. <i>Journal of Gastroenterology</i> , 1998, 33, 670-677.	2.3	3
724	Molecular biology of colorectal cancer and clinical consequences for colorectal cancer syndromes. <i>Langenbeck's Archives of Surgery</i> , 1998, 383, 389-396.	0.8	2
725	Characterization of mutations in patients with autoimmune polyglandular syndrome type 1 (APS1). <i>Human Genetics</i> , 1998, 103, 681-685.	1.8	137
726	Novel germline mutations of hMSH2 in a patient with hereditary nonpolyposis colorectal cancer (HNPCC) and in a patient with six primary cancers. <i>Journal of Human Genetics</i> , 1998, 43, 143-145.	1.1	8
727	Detection of known missense mutation of hMLH1 in a hereditary non-polyposis colorectal cancer family using DNA extracts from mouthwash samples. <i>International Journal of Clinical Oncology</i> , 1998, 3, 19-26.	1.0	0
728	Studies of hereditary nonpolyposis colorectal cancer in Japan. <i>International Journal of Clinical Oncology</i> , 1998, 3, 53-74.	1.0	12
729	Rapid diagnostic test for hereditary nonpolyposis colon cancer kindred using polymerase chain reaction. <i>Diseases of the Colon and Rectum</i> , 1998, 41, 938-940.	0.7	1
730	Germline mutations of hMLH1 and hMSH2 genes in patients with suspected hereditary nonpolyposis colorectal cancer and sporadic early-onset colorectal cancer. <i>Diseases of the Colon and Rectum</i> , 1998, 41, 434-440.	0.7	39
731	Incidence of DNA replication errors in patients with multiple primary cancers. <i>Diseases of the Colon and Rectum</i> , 1998, 41, 765-769.	0.7	34
732	Significance of microsatellite instability in different types of early-stage nonfamilial colorectal carcinomas. <i>Diseases of the Colon and Rectum</i> , 1998, 41, 1385-1391.	0.7	17
735	Mitochondrial DNA of the coral sarcophyton glaucum contains a gene for a homologue of bacterial muts: A possible case of gene transfer from the nucleus to the mitochondrion. <i>Journal of Molecular Evolution</i> , 1998, 46, 419-431.	0.8	136
736	Variation in mutation rate and direction between tetranucleotide STR loci in human colorectal carcinomas. <i>Annals of Human Genetics</i> , 1998, 62, 1-7.	0.3	13
737	Diagnosis of hereditary nonpolyposis colorectal cancer. <i>Histopathology</i> , 1998, 32, 491-497.	1.6	45
738	Analysis of mutations at the DNA repair genes in acute childhood leukaemia. <i>British Journal of Haematology</i> , 1998, 103, 462-466.	1.2	6
739	Genetic susceptibility to cancer: ICRP Publication 79. <i>Annals of the ICRP</i> , 1998, 28, 1-157.	3.0	31
740	Impaired DNA Repair as Assessed by the "Comet" Assay in Patients with Thyroid Tumors After a History of Radiation Therapy: A Preliminary Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 40, 1019-1026.	0.4	52
741	Functional genetic tests of DNA mismatch repair protein activity in <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1998, 213, 159-167.	1.0	24

#	ARTICLE	IF	CITATIONS
742	Promoter analysis of the human mismatch repair gene hMSH2. <i>Gene</i> , 1998, 213, 141-147.	1.0	39
743	A microsatellite instability analysis in neuroblastoma based on a high resolution fluorescent microsatellite analysis. <i>Cancer Letters</i> , 1998, 124, 59-63.	3.2	2
744	Expression of hMSH2 correlates with in vitro chemosensitivity to CDDP cytotoxicity in oral and oropharyngeal carcinoma. <i>Cancer Letters</i> , 1998, 132, 37-44.	3.2	17
745	Expression of long-patch and short-patch DNA mismatch repair proteins in the embryonic and adult mammalian brain. <i>Molecular Brain Research</i> , 1998, 53, 317-320.	2.5	37
746	Molecular events after antisense inhibition of hMSH2 in a HeLa cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 418, 61-71.	0.9	8
747	DNA mismatch repair and cancer. <i>Current Opinion in Cell Biology</i> , 1998, 10, 311-316.	2.6	62
748	Transcripts with splicings of exons 15 and 16 of the hMLH1 gene in normal lymphocytes: implications in RNA-based mutation screening of hereditary non-polyposis colorectal cancer. <i>European Journal of Cancer</i> , 1998, 34, 927-930.	1.3	12
749	Molecular approaches to colorectal cancer: a review. <i>Current Diagnostic Pathology</i> , 1998, 5, 34-43.	0.4	5
750	Probing Immunoglobulin Gene Hypermutation with Microsatellites Suggests a Nonreplicative Short Patch DNA Synthesis Process. <i>Immunity</i> , 1998, 9, 257-265.	6.6	50
751	A novel plasmid shuttle vector for the detection and analysis of microsatellite instability in cell lines. <i>Mutation Research DNA Repair</i> , 1998, 407, 117-124.	3.8	7
752	Mutators in <i>Escherichia coli</i> . <i>Mutation Research DNA Repair</i> , 1998, 409, 99-106.	3.8	61
753	Eukaryotic mismatch repair: an update. <i>Mutation Research DNA Repair</i> , 1998, 409, 107-121.	3.8	114
754	Loss of heterozygosity at microsatellite marker sites for tumour suppressor genes in oesophageal adenocarcinoma. <i>European Journal of Surgical Oncology</i> , 1998, 24, 34-37.	0.5	15
755	Childhood cancer predisposition: Applications of molecular testing and future implications. <i>Journal of Pediatrics</i> , 1998, 132, 389-397.	0.9	21
756	Tylosis esophageal cancer locus on chromosome 17q25.1 is commonly deleted in sporadic human esophageal cancer. <i>Gastroenterology</i> , 1998, 114, 1206-1210.	0.6	65
757	Genetic instability of microsatellite sequences in non-small cell lung cancers. <i>Lung Cancer</i> , 1998, 21, 21-25.	0.9	8
758	Systematic Analysis of hMSH2 and hMLH1 in Young Colon Cancer Patients and Controls. <i>American Journal of Human Genetics</i> , 1998, 63, 749-759.	2.6	159
759	Psychiatric genetics: search for phenotypes. <i>Trends in Neurosciences</i> , 1998, 21, 102-105.	4.2	303

#	ARTICLE	IF	CITATIONS
760	Review: Conservation of eukaryotic DNA repair mechanisms. <i>International Journal of Radiation Biology</i> , 1998, 74, 277-286.	1.0	66
761	Excision repair of 8-hydroxyguanine in mammalian cells: The mouse Ogg1 protein as a model. <i>Free Radical Research</i> , 1998, 29, 487-497.	1.5	17
762	Morphology of sporadic colorectal cancer with DNA replication errors. <i>Gut</i> , 1998, 42, 673-679.	6.1	422
763	Isolation and Characterization of the 5' Region of the Human Mismatch Repair Gene hPMS1. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 738-743.	1.0	11
764	Identification, Characterization, and Genetic Mapping of Rad51d, a New Mouse and Human RAD51/RecA-Related Gene. <i>Genomics</i> , 1998, 49, 103-111.	1.3	125
765	Cloning, Structural Characterization, and Chromosomal Localization of the Human Orthologue of <i>Saccharomyces cerevisiae</i> MSH5 Gene. <i>Genomics</i> , 1998, 52, 50-61.	1.3	56
766	Cloning and Characterization of the Human and <i>Caenorhabditis elegans</i> Homologs of the <i>Saccharomyces cerevisiae</i> MSH5 Gene. <i>Genomics</i> , 1998, 53, 69-80.	1.3	61
767	Increased somatic recombination in methylation tolerant human cells with defective DNA mismatch repair. <i>Journal of Molecular Biology</i> , 1998, 276, 705-719.	2.0	40
768	Microsatellite Instability and Mutation of DNA Mismatch Repair Genes in Gliomas. <i>American Journal of Pathology</i> , 1998, 153, 1181-1188.	1.9	83
769	Scheduling Periodic Examinations for the Early Detection of Disease: Applications to Breast Cancer. <i>Journal of the American Statistical Association</i> , 1998, 93, 1271-1281.	1.8	55
770	Mismatch Repair Co-opted by Hypermutation. <i>Science</i> , 1998, 279, 1207-1210.	6.0	151
771	Electrotransformation and natural transformation of <i>Streptococcus pneumoniae</i> : requirement of DNA processing for recombination. <i>Microbiology (United Kingdom)</i> , 1998, 144, 3061-3068.	0.7	19
772	Identification and Characterization of Families with Aggregation of Lung Cancer. <i>Japanese Journal of Clinical Oncology</i> , 1998, 28, 192-195.	0.6	12
773	Resistance to 6-thioguanine in mismatch repair-deficient human cancer cell lines correlates with an increase in induced mutations at the HPRT locus. <i>Carcinogenesis</i> , 1998, 19, 1931-1937.	1.3	66
774	Allelic losses and DNA methylation at DNA mismatch repair loci in sporadic colorectal cancer. <i>Carcinogenesis</i> , 1998, 19, 1925-1929.	1.3	16
775	Genetic implications of double primary cancers of the colorectum and endometrium. <i>Journal of Medical Genetics</i> , 1998, 35, 978-984.	1.5	28
776	Hex1: a new human Rad2 nuclease family member with homology to yeast exonuclease 1. <i>Nucleic Acids Research</i> , 1998, 26, 3762-3768.	6.5	105
777	Aspirin suppresses the mutator phenotype associated with hereditary nonpolyposis colorectal cancer by genetic selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 11301-11306.	3.3	173

#	ARTICLE	IF	CITATIONS
778	Colonic epithelial cell proliferation in hereditary non-polyposis colorectal cancer. <i>Gut</i> , 1998, 43, 85-92.	6.1	26
779	Small bowel carcinoma in hereditary nonpolyposis colorectal cancer. <i>American Journal of Gastroenterology</i> , 1998, 93, 2219-2222.	0.2	15
780	Accurate, High-Throughput "Snapshot" Detection of hMLH1 Mutations by Two-Dimensional DNA Electrophoresis. <i>Genetic Testing and Molecular Biomarkers</i> , 1998, 2, 43-53.	1.7	13
781	Mismatch repair, molecular switches, and signal transduction. <i>Genes and Development</i> , 1998, 12, 2096-2101.	2.7	154
782	Isolation of MutS ² from Human Cells and Comparison of the Mismatch Repair Specificities of MutS ² and MutS ¹ . <i>Journal of Biological Chemistry</i> , 1998, 273, 19895-19901.	1.6	355
783	Detection of genomic instability in lung cancer tissues by random amplified polymorphic DNA analysis. <i>Carcinogenesis</i> , 1998, 19, 233-235.	1.3	57
784	The role of mismatch repair in the prevention of base pair mutations in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 15487-15491.	3.3	87
785	Genetics of Colonic Cancer. <i>Digestion</i> , 1998, 59, 481-492.	1.2	68
786	Folate depletion impairs DNA excision repair in the colon of the rat. <i>Gut</i> , 1998, 43, 93-99.	6.1	114
787	Hereditary Nonpolyposis Colorectal Cancer Associated with Duodenal Carcinoma: a Case Report. <i>Japanese Journal of Clinical Oncology</i> , 1998, 28, 289-293.	0.6	8
788	Small Slipped Register Genetic Instabilities in <i>Escherichia coli</i> in Triplet Repeat Sequences Associated with Hereditary Neurological Diseases. <i>Journal of Biological Chemistry</i> , 1998, 273, 19532-19541.	1.6	61
789	Reduced expression of mismatch repair genes in colorectal cancer patients in Egypt.. <i>International Journal of Oncology</i> , 1998, 12, 1315-9.	1.4	10
790	Frequent microsatellite instability and loss of heterozygosity in the region including BRCA1 (17q21) in young patients with gastric cancer.. <i>International Journal of Oncology</i> , 1998, 12, 1245-51.	1.4	20
791	DNA mismatch repair genes and their association with colorectal cancer (Review).. <i>International Journal of Molecular Medicine</i> , 1998, 1, 469-74.	1.8	10
792	Genetic identification and management of hereditary nonpolyposis colorectal cancer.. <i>International Journal of Oncology</i> , 1998, 12, 947-55.	1.4	2
793	Mutation of the transforming growth factor-beta type II receptor gene is a rare event in human sporadic gastric carcinomas.. <i>International Journal of Oncology</i> , 1998, 12, 1061-5.	1.4	3
794	Microsatellite instability in an animal model of mammary carcinogenesis.. <i>International Journal of Oncology</i> , 1998, 13, 23-8.	1.4	3
795	Expression of the mismatch repair gene hMSH2 in sporadic colorectal cancer.. <i>International Journal of Oncology</i> , 1998, 13, 1147-51.	1.4	3

#	ARTICLE	IF	CITATIONS
796	Molecular Genetics and Clinical-Pathology Features of Hereditary Nonpolyposis Colorectal Carcinoma (Lynch Syndrome). <i>Oncology</i> , 1998, 55, 103-108.	0.9	79
797	Analysis of MSH3 in Endometrial Cancers With Defective DNA Mismatch Repair. <i>Journal of the Society for Gynecologic Investigation</i> , 1998, 5, 210-216.	1.9	1
798	Human AP endonuclease 1 (HAP1) protein expression in breast cancer correlates with lymph node status and angiogenesis. <i>British Journal of Cancer</i> , 1998, 77, 1169-1173.	2.9	61
799	Interactions of Human hMSH2 with hMSH3 and hMSH2 with hMSH6: Examination of Mutations Found in Hereditary Nonpolyposis Colorectal Cancer. <i>Molecular and Cellular Biology</i> , 1998, 18, 6616-6623.	1.1	123
800	DNA Mismatch Repair Catalyzed by Extracts of Mitotic, Postmitotic, and Senescent <i>Drosophila</i> Tissues and Involvement of mei-9 Gene Function for Full Activity. <i>Molecular and Cellular Biology</i> , 1998, 18, 1436-1443.	1.1	24
801	A qualitative and quantitative approach to investigating cellular DNA repair mechanisms. <i>Journal of Biological Education</i> , 1998, 32, 48-52.	0.8	2
802	Mismatch repair deficiency associated with overexpression of the MSH3 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8568-8573.	3.3	192
803	Tissues of MSH2-deficient mice demonstrate hypermutability on exposure to a DNA methylating agent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 1126-1130.	3.3	64
804	Analysis of the frequency of microsatellite instability and p53 gene mutation in splenic marginal zone and MALT lymphomas. <i>Journal of Clinical Pathology</i> , 1998, 51, 262-267.	2.1	23
805	A Naturally Occurring <i>hPMS2</i> Mutation Can Confer a Dominant Negative Mutator Phenotype. <i>Molecular and Cellular Biology</i> , 1998, 18, 1635-1641.	1.1	94
806	Patterns of Pancreatic Cell Death. <i>Pancreas</i> , 1998, 17, 281-288.	0.5	18
807	Rapid Assessment of Replication Error Phenotype in Gastric Cancer. <i>Diagnostic Molecular Pathology</i> , 1998, 7, 168-173.	2.1	1
808	Low Incidence of Microsatellite Instability in Patients With Cervical Carcinomas. <i>Diagnostic Molecular Pathology</i> , 1998, 7, 276-282.	2.1	14
810	Benefits of Colonoscopic Surveillance and Prophylactic Colectomy in Patients with Hereditary Nonpolyposis Colorectal Cancer Mutations. <i>Annals of Internal Medicine</i> , 1998, 129, 787.	2.0	165
811	DNA polymerase β : effects of gapped DNA substrates on dNTP specificity, fidelity, processivity and conformational changes. <i>Biochemical Journal</i> , 1998, 331, 79-87.	1.7	115
813	p53 Mutations and DNA Ploidy in Colorectal Adenocarcinomas. <i>Analytical Cellular Pathology</i> , 1998, 17, 1-12.	2.1	14
815	The BRC repeats in BRCA2 are critical for RAD51 binding and resistance to methyl methanesulfonate treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 5287-5292.	3.3	360
816	Prediction-based threading of the hMSH2 DNA mismatch repair protein. <i>FASEB Journal</i> , 1998, 12, 653-663.	0.2	6

#	ARTICLE	IF	CITATIONS
817	Cancer Control in Susceptible Groups: Opportunities and Challenges. <i>Journal of Clinical Oncology</i> , 1999, 17, 719-719.	0.8	12
818	Pancreatic Cancer " More Familial than You Thought. <i>Analytical Cellular Pathology</i> , 1999, 19, 105-110.	2.1	1
819	Microsatellite Instability and p53 Mutations Are Associated With Abnormal Expression of the MSH2 Gene in Adult Acute Leukemia. <i>Blood</i> , 1999, 94, 733-740.	0.6	110
820	Mutator Phenotype in Human Hematopoietic Neoplasms and Its Association With Deletions Disabling DNA Repair Genes and bcl-2 Rearrangements. <i>Blood</i> , 1999, 94, 2424-2432.	0.6	29
821	Microsatellite instabilities in gastric cancer patients with multiple primary cancers.. <i>International Journal of Oncology</i> , 1999, 14, 151.	1.4	0
822	Close correlation between a p53 or hMSH2 gene mutation in the tumor and survival of hepatocellular carcinoma patients.. <i>International Journal of Oncology</i> , 1999, 14, 447-51.	1.4	10
823	Strategies for Cloning Mammalian DNA Repair Genes. , 1999, 113, 57-85.		6
824	Detection of Microsatellite Instability in Cancers by Means of Nongel-Sieving Capillary Electrophoresis. , 1999, 27, 139-152.		0
825	Prevalence of HNPCC in a Series of Consecutive Patients on the First Endoscopic Diagnosis of Colorectal Cancer: A Multicenter Study. <i>Endoscopy</i> , 1999, 31, 337-341.	1.0	9
826	Frequent Microsatellite Instability and Mismatch Repair Gene Mutations in Young Chinese Patients With Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 1999, 91, 1221-1226.	3.0	45
827	Clinical Significance of c-met Oncogene Alterations in Human Colorectal Cancer. <i>Oncology</i> , 1999, 56, 314-321.	0.9	51
828	Genetic Instability did not Lead to p53 Mutations in an Extremely Early-onset Breast Cancer in a Cancer-prone Family. <i>Japanese Journal of Clinical Oncology</i> , 1999, 29, 332-335.	0.6	1
829	Effect of Loss of DNA Mismatch Repair on Development of Topotecan-, Gemcitabine-, and Paclitaxel-Resistant Variants after Exposure to Cisplatin. <i>Molecular Pharmacology</i> , 1999, 56, 390-395.	1.0	33
830	Overexpression of Ogg1 in mammalian cells: effects on induced and spontaneous oxidative DNA damage and mutagenesis. <i>Carcinogenesis</i> , 1999, 20, 1863-1868.	1.3	59
831	Hereditary colorectal cancer in the general population: from cancer registration to molecular diagnosis. <i>Gut</i> , 1999, 45, 32-38.	6.1	51
832	Microsatellite instability" a useful diagnostic tool to select patients at high risk for hereditary non-polyposis colorectal cancer: a study in different groups of patients with colorectal cancer. <i>Gut</i> , 1999, 44, 839-843.	6.1	88
833	Novel non-isotopic detection of MutY enzyme-recognized mismatches in DNA via ultrasensitive detection of aldehydes. <i>Nucleic Acids Research</i> , 1999, 27, 1316-1322.	6.5	12
834	Inefficient in vivo repair of mismatches at an oncogenic hotspot correlated with lack of binding by mismatch repair proteins and with phase of the cell cycle. <i>Carcinogenesis</i> , 1999, 20, 1417-1424.	1.3	12

#	ARTICLE	IF	CITATIONS
835	Familial pancreatic cancer. <i>Annals of Oncology</i> , 1999, 10, S69-S73.	0.6	76
836	The Interaction of the Human MutL Homologues in Hereditary Nonpolyposis Colon Cancer. <i>Journal of Biological Chemistry</i> , 1999, 274, 6336-6341.	1.6	153
837	Mismatch Repair Gene Defects Contribute to the Genetic Basis of Double Primary Cancers of the Colorectum and Endometrium. <i>Human Molecular Genetics</i> , 1999, 8, 823-829.	1.4	78
838	Yeast and human genes that affect the <i>Escherichia coli</i> SOS response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2204-2209.	3.3	25
839	Genetic Disorders Associated with Cancer Predisposition and Genomic Instability. <i>Progress in Molecular Biology and Translational Science</i> , 1999, 63, 189-221.	1.9	65
840	Chapter 4 Tumor markers for prostate cancer. <i>Advances in Oncobiology</i> , 1999, , 47-84.	0.0	0
841	Malignancies of the Uterine Corpus and Immunoreactivity Score of the DNA Mismatch-Repair Enzyme Human Mut-S-Homologon-2. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 113-118.	1.3	17
842	DNA polymerase expression differences in selected human tumors and cell lines. <i>Carcinogenesis</i> , 1999, 20, 1049-1054.	1.3	120
843	Hereditary nonpolyposis colorectal cancer (HNPCC). <i>Cytogenetic and Genome Research</i> , 1999, 86, 130-135.	0.6	51
844	Clinical implications of genetic testing of hereditary nonpolyposis colorectal cancer. <i>Cytogenetic and Genome Research</i> , 1999, 86, 136-139.	0.6	16
845	Excision of oxidatively damaged DNA bases by the human alpha-hOgg1 protein and the polymorphic alpha-hOgg1(Ser326Cys) protein which is frequently found in human populations. <i>Nucleic Acids Research</i> , 1999, 27, 4001-4007.	6.5	234
846	Mechanisms of inactivation of mismatch repair genes in human colorectal cancer cell lines: The predominant role of hMLH1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 10296-10301.	3.3	100
847	A novel sensitive method to detect frameshift mutations in exonic repeat sequences of cancer-related genes. <i>Carcinogenesis</i> , 1999, 20, 2189-2192.	1.3	15
849	PCR Analysis of Microsatellite Instability. , 1999, 28, 155-166.		0
850	How many mutations does it take to make a tumor?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 14675-14677.	3.3	78
852	Polarity of recombination in transformation of <i>Streptococcus pneumoniae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2943-2948.	3.3	10
853	Microsatellite instability in <i>Drosophila</i> spellchecker1 (MutS homolog) mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2964-2969.	3.3	44
854	Human Exonuclease 1 Functionally Complements Its Yeast Homologues in DNA Recombination, RNA Primer Removal, and Mutation Avoidance. <i>Journal of Biological Chemistry</i> , 1999, 274, 17893-17900.	1.6	84

#	ARTICLE	IF	CITATIONS
855	Ligase-based detection of mononucleotide repeat sequences. <i>Nucleic Acids Research</i> , 1999, 27, 40e-40.	6.5	23
856	Role of tumor markers and mutations in cells and pancreatic juice in the diagnosis of pancreatic cancer. <i>Annals of Oncology</i> , 1999, 10, S107-S110.	0.6	7
857	Identification of hMutL ² , a Heterodimer of hMLH1 and hPMS1. <i>Journal of Biological Chemistry</i> , 1999, 274, 32368-32375.	1.6	156
858	Biochemical Characterization of the Interaction between the <i>Saccharomyces cerevisiae</i> MSH2-MSH6 Complex and Mispaiored Bases in DNA. <i>Journal of Biological Chemistry</i> , 1999, 274, 26668-26682.	1.6	121
859	Distinct mutation patterns of breast cancer-associated alleles of the HRAS1 minisatellite locus. <i>Human Molecular Genetics</i> , 1999, 8, 515-521.	1.4	13
860	Microsatellite instability in double cancers of the esophagus and head and neck. <i>Ecological Management and Restoration</i> , 1999, 12, 132-136.	0.2	6
861	HEREDITARY NON- α -POLYPOSIS COLORECTAL CANCER SYNDROME. <i>Australian and New Zealand Journal of Surgery</i> , 1999, 69, 6-13.	0.2	9
862	DEREGULATION OF APOPTOSIS IN COLORECTAL CARCINOMA: THEORETICAL AND THERAPEUTIC IMPLICATIONS. <i>Australian and New Zealand Journal of Surgery</i> , 1999, 69, 88-94.	0.2	37
863	Hereditary stability and variation in evolution and development. <i>Evolution & Development</i> , 1999, 1, 113-122.	1.1	12
864	Analysis of microsatellite instability in cervical cancer. <i>International Journal of Gynecological Cancer</i> , 1999, 9, 67-71.	1.2	8
865	Decreased Host-Cell Reactivation of UV-Irradiated Adenovirus in Human Colon Tumor Cell Lines that Have Normal Post-UV Survival. <i>Photochemistry and Photobiology</i> , 1999, 70, 217-227.	1.3	4
866	HNPCC-like cancer predisposition in mice through simultaneous loss of Msh3 and Msh6 mismatch-repair protein functions. <i>Nature Genetics</i> , 1999, 23, 359-362.	9.4	199
867	Genetic and epigenetic contributions to colorectal cancer. <i>Apmis</i> , 1999, 107, 711-722.	0.9	13
868	Frameshift Mutations and a Length Polymorphism in the MSH3 Gene and the Spectrum of Microsatellite Instability in Sporadic Colon Cancer. <i>Japanese Journal of Cancer Research</i> , 1999, 90, 1310-1315.	1.7	7
869	A combined algorithm for genome-wide prediction of protein function. <i>Nature</i> , 1999, 402, 83-86.	13.7	879
870	Mammalian MutS homologue 5 is required for chromosome pairing in meiosis. <i>Nature Genetics</i> , 1999, 21, 123-127.	9.4	367
871	Multiplex PCR/LDR for detection of K-ras mutations in primary colon tumors. <i>Oncogene</i> , 1999, 18, 27-38.	2.6	166
872	Mutated gene-specific phenotypes of dinucleotide repeat instability in human colorectal carcinoma cell lines deficient in DNA mismatch repair. <i>Oncogene</i> , 1999, 18, 2143-2147.	2.6	68

#	ARTICLE	IF	CITATIONS
873	RNA synthesis block by 5,6-dichloro-1- β -D-ribofuranosylbenzimidazole (DRB) triggers p53-dependent apoptosis in human colon carcinoma cells. <i>Oncogene</i> , 1999, 18, 5765-5772.	2.6	62
874	Mouse models for colorectal cancer. <i>Oncogene</i> , 1999, 18, 5325-5333.	2.6	102
875	Variable mutation frequencies in coding repeats of TCF-4 and other target genes in colon, gastric and endometrial carcinoma showing microsatellite instability. <i>Oncogene</i> , 1999, 18, 6806-6809.	2.6	61
876	Microsatellite instability, Epstein-Barr virus, mutation of type II transforming growth factor β receptor and BAX in gastric carcinomas in Hong Kong Chinese. <i>British Journal of Cancer</i> , 1999, 79, 582-588.	2.9	38
877	Frequent loss of heterozygosity at the DNA mismatch-repair loci hMLH1 and hMSH3 in sporadic breast cancer. <i>British Journal of Cancer</i> , 1999, 79, 1012-1017.	2.9	31
878	Microsatellite instability and mismatch repair gene inactivation in sporadic pancreatic and colon tumours. <i>British Journal of Cancer</i> , 1999, 80, 11-16.	2.9	60
879	Genetic alterations on chromosome 17p associated with response to radiotherapy in bulky cervical cancer. <i>British Journal of Cancer</i> , 1999, 81, 108-113.	2.9	6
880	HIT family genes: FHIT but not PKCI-1/HINT produces altered transcripts in colorectal cancer. <i>British Journal of Cancer</i> , 1999, 81, 874-880.	2.9	4
881	Mutational Analysis of the PMS2 Gene in Sporadic Endometrial Cancers with Microsatellite Instability. <i>Gynecologic Oncology</i> , 1999, 74, 395-399.	0.6	16
882	Roles of the DNA mismatch repair and nucleotide excision repair proteins during meiosis. <i>Cellular and Molecular Life Sciences</i> , 1999, 55, 437-449.	2.4	31
884	Immunohistochemical analysis of DNA 'mismatch-repair' enzyme human Mut-S-Homologon-2 in ovarian carcinomas. <i>The Histochemical Journal</i> , 1999, 31, 717-722.	0.6	12
885	Does mutation of transforming growth factor-beta type II receptor gene play an important role in colorectal polyps?. <i>Digestive Diseases and Sciences</i> , 1999, 44, 1803-1809.	1.1	8
886	Reduction in hMSH2 mRNA levels by premature translation termination: implications for mutation screening in hereditary nonpolyposis colorectal cancer. <i>Digestive Diseases and Sciences</i> , 1999, 44, 553-559.	1.1	2
887	Alternative splicing of hMSH4: two isoforms in testis and abnormal transcripts in somatic tissues. <i>Mammalian Genome</i> , 1999, 10, 423-427.	1.0	14
888	Female embryonic lethality in Msh2 Δ -Trp53 nullizygous mice is strain dependent. <i>Mammalian Genome</i> , 1999, 10, 1020-1022.	1.0	16
889	Identification and characterization of the mouse MutS homolog 5: Msh5. <i>Mammalian Genome</i> , 1999, 10, 1054-1061.	1.0	26
890	A century of progress in hereditary nonpolyposis colorectal cancer (lynch syndrome). <i>Diseases of the Colon and Rectum</i> , 1999, 42, 1-9.	0.7	33
891	Suspected hereditary nonpolyposis colorectal cancer. <i>Diseases of the Colon and Rectum</i> , 1999, 42, 710-715.	0.7	93

#	ARTICLE	IF	CITATIONS
892	Clinical implications of multiple colorectal carcinomas in hereditary nonpolyposis colorectal carcinoma. <i>Diseases of the Colon and Rectum</i> , 1999, 42, 717-721.	0.7	35
893	P. Meera Khan (1935–1998). <i>Journal of Genetics</i> , 1999, 78, 63-70.	0.4	0
894	Rectal cancer in a 13-year-old boy without a detectable germline mutation in FAP and HNPCC genes. <i>Journal of Gastroenterology</i> , 1999, 34, 341-344.	2.3	2
895	Hereditary colorectal cancer: clinical consequences of predictive molecular testing. <i>International Journal of Colorectal Disease</i> , 1999, 14, 184-193.	1.0	10
896	Assessment of microsatellite instability and loss of heterozygosity in sporadic keratoacanthomas. <i>Archives of Dermatological Research</i> , 1999, 291, 1-5.	1.1	23
897	Germline mutations in a polycytosine repeat of the hMSH6 gene in Korean hereditary nonpolyposis colorectal cancer. <i>Journal of Human Genetics</i> , 1999, 44, 18-21.	1.1	19
898	Involvement of the DNA mismatch repair system in antineoplastic drug resistance. <i>Journal of Cancer Research and Clinical Oncology</i> , 1999, 125, 156-165.	1.2	113
899	Isolation and characterization of AtMLH1, a MutL homologue from <i>Arabidopsis thaliana</i> . <i>Molecular Genetics and Genomics</i> , 1999, 262, 633-642.	2.4	44
900	DNA Replication Error in Endometrial Carcinoma and Complex Atypical Endometrial Hyperplasia. <i>Cancer Genetics and Cytogenetics</i> , 1999, 114, 130-135.	1.0	5
901	HPRT mutations in vivo in human CD 34+ hematopoietic stem cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 431, 183-198.	0.4	4
902	Hereditary endocrinopathies. <i>Current Problems in Surgery</i> , 1999, 36, 653-762.	0.6	20
903	Gastrointestinal polyposis syndromes. <i>Current Problems in Surgery</i> , 1999, 36, 217-323.	0.6	66
904	Molecular diagnostics of cancer predisposition: hereditary non-polyposis colorectal carcinoma and mismatch repair defects. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1999, 1423, O1-O10.	3.3	30
905	Smr: a bacterial and eukaryotic homologue of the C-terminal region of the MutS2 family. <i>Trends in Biochemical Sciences</i> , 1999, 24, 298-300.	3.7	70
906	Monoclonality and surface lesion-specific microsatellite alterations in premalignant and malignant neoplasia of uterine cervix: a local field effect of genomic instability and clonal evolution. , 1999, 24, 127-134.		57
907	GermlinehMSH2 and differential somatic mutations in patients with Turcot's syndrome. <i>Genes Chromosomes and Cancer</i> , 1999, 25, 75-81.	1.5	31
908	Human DNA repair systems: An overview. , 1999, 33, 3-20.		168
909	Differences in patterns ofTP53 andKRAS2 mutations in a large series of endometrial carcinomas with or without microsatellite instability. , 1999, 85, 119-126.		44

#	ARTICLE	IF	CITATIONS
910	Human mismatch repair gene (hMSH2) product expression in relation to recurrence of transitional cell carcinoma of the urinary bladder. <i>Cancer</i> , 1999, 85, 478-484.	2.0	37
911	Evaluation of a selective screening for colorectal carcinoma. <i>Cancer</i> , 1999, 86, 1116-1128.	2.0	48
912	Clinical impact of molecular genetic diagnosis, genetic counseling, and management of hereditary cancer. <i>Cancer</i> , 1999, 86, 2457-2463.	2.0	51
913	Clinical challenges in management of familial adenomatous polyposis and hereditary nonpolyposis colorectal cancer. , 1999, 86, 2533-2539.		12
914	Establishment and characterization of 12 human colorectal-carcinoma cell lines. , 1999, 81, 902-910.		40
915	Comparison of losses of heterozygosity and replication errors in primary colorectal carcinomas and corresponding liver metastases. , 1999, 188, 258-262.		37
916	Genetic Testing in Hereditary Colorectal Cancer: Indications and Procedures. <i>American Journal of Gastroenterology</i> , 1999, 94, 2344-2356.	0.2	48
917	Medical and Societal Consequences of the Human Genome Project. <i>New England Journal of Medicine</i> , 1999, 341, 28-37.	13.9	692
918	Genome-wide allelotyping indicates increased loss of heterozygosity on 9p and 14q in early age of onset colorectal cancer. <i>Cytogenetic and Genome Research</i> , 1999, 86, 142-147.	0.6	26
919	Mammalian DNA Mismatch Repair. <i>Annual Review of Genetics</i> , 1999, 33, 533-564.	3.2	413
920	Mismatch repair and drug responses in cancer. <i>Drug Resistance Updates</i> , 1999, 2, 295-306.	6.5	7
921	Genetic pathways in colorectal and other cancers. <i>European Journal of Cancer</i> , 1999, 35, 335-351.	1.3	214
922	Mutations in hMSH6 alone are not sufficient to cause the microsatellite instability in colorectal cancer cell lines. <i>European Journal of Cancer</i> , 1999, 35, 1724-1729.	1.3	27
923	Genetic pathways in colorectal and other cancers. <i>European Journal of Cancer</i> , 1999, 35, 1986-2002.	1.3	123
924	Needle-in-a-haystack detection and identification of base substitution mutations in human tissues. <i>Mutation Research - Mutation Research Genomics</i> , 1999, 406, 79-100.	1.2	22
925	Frameshift mutation, microsatellites and mismatch repair. <i>Mutation Research - Reviews in Mutation Research</i> , 1999, 437, 195-203.	2.4	55
926	Public health perspectives on testing for colorectal cancer susceptibility genes. <i>American Journal of Preventive Medicine</i> , 1999, 16, 99-104.	1.6	21
927	Trinucleotide repeats and other microsatellites in yeasts. <i>Research in Microbiology</i> , 1999, 150, 589-602.	1.0	35

#	ARTICLE	IF	CITATIONS
928	Base excision repair of 8-hydroxyguanine protects DNA from endogenous oxidative stress. <i>Biochimie</i> , 1999, 81, 59-67.	1.3	211
929	DNA mismatch repair deficiency in curatively resected sextuple primary cancers in different organs: a molecular case report. <i>Cancer Letters</i> , 1999, 142, 17-22.	3.2	10
930	Somatic mutation of the PTEN/MMAC1 gene in breast cancers with microsatellite instability. <i>Cancer Letters</i> , 1999, 144, 9-16.	3.2	12
931	Muir-Torre syndrome: Case report of a patient with concurrent jejunal and ureteral cancer and a review of the literature. <i>Journal of the American Academy of Dermatology</i> , 1999, 41, 681-686.	0.6	128
932	Colorectal cancer. <i>Lancet</i> , The, 1999, 353, 391-399.	6.3	351
933	The onset and extent of genomic instability in sporadic colorectal tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15121-15126.	3.3	343
934	Automated and simultaneous identification of microsatellite instability by fluorescence-based polymerase chain reaction (PCR) in four loci. <i>Clinica Chimica Acta</i> , 1999, 279, 15-23.	0.5	7
935	Identification of the protein components of mismatch binding complexes in human cells using a gel-shift assay. <i>FEBS Letters</i> , 1999, 453, 85-89.	1.3	5
936	Prognostic significance of microsatellite instability in sporadic mucinous colorectal cancers. <i>Human Pathology</i> , 1999, 30, 629-634.	1.1	63
937	Rarity of genomic instability in pathogenesis of systemic anaplastic large cell lymphoma (ALCL) in immunocompetent patients. <i>Human Pathology</i> , 1999, 30, 173-177.	1.1	9
938	A germline hMSH2 alteration is unrelated to colonic microsatellite instability in patients with ulcerative colitis*1. <i>Human Pathology</i> , 1999, 30, 8-12.	1.1	31
939	Genomic amplification of the human DHFR/MSH3 locus remodels mismatch recognition and repair activities. <i>Advances in Enzyme Regulation</i> , 1999, 39, 129-141.	2.9	6
940	Mismatch repair proficiency and in vitro response to 5-fluorouracil. <i>Gastroenterology</i> , 1999, 117, 123-131.	0.6	388
941	Colorectal Cancer: Molecules and Populations. <i>Journal of the National Cancer Institute</i> , 1999, 91, 916-932.	3.0	762
942	A practical approach to familial and hereditary colorectal cancer. <i>American Journal of Medicine</i> , 1999, 107, 68-77.	0.6	44
943	Origin of Microsatellite Instability in Gastric Cancer. <i>American Journal of Pathology</i> , 1999, 155, 205-211.	1.9	136
944	Genetic Instability and the Mutator Phenotype. <i>American Journal of Pathology</i> , 1999, 154, 1621-1626.	1.9	68
945	hMLH1 Promoter Hypermethylation in Microsatellite Instability-Positive Endometrial Carcinoma. <i>American Journal of Pathology</i> , 1999, 155, 1399-1402.	1.9	13

#	ARTICLE	IF	CITATIONS
946	hMLH1 Promoter Hypermethylation Is an Early Event in Human Endometrial Tumorigenesis. American Journal of Pathology, 1999, 155, 1767-1772.	1.9	280
947	Microsatellite Instability in Human Cancer: A Prognostic Marker for Chemotherapy?. Experimental Cell Research, 1999, 246, 1-10.	1.2	84
948	Genomic Mapping of Chromosomal Region 2p15â€“p21 (D2S378â€“D2S391): Integration of Genemap'98 within a Framework of Yeast and Bacterial Artificial Chromosomes. Genomics, 1999, 62, 21-33.	1.3	28
949	Microsatellite Instability and p53 Mutations in Hepatocellular Carcinoma. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 1999, 2, 155-161.	1.7	22
950	A Core Promoter and a Frequent Single-Nucleotide Polymorphism of the Mismatch Repair Gene hMLH1. Biochemical and Biophysical Research Communications, 1999, 256, 488-494.	1.0	89
951	Genetic Instability and the Etiology of Somatic PIG-A Mutations in Paroxysmal Nocturnal Hemoglobinuria. Blood Cells, Molecules, and Diseases, 1999, 25, 81-91.	0.6	22
952	Promoting Cancer Screening among the First-Degree Relatives of Breast and Colorectal Cancer Patients: The Design of Two Randomized Trials. Preventive Medicine, 1999, 28, 229-242.	1.6	20
953	Broadsheet number 52: molecular genetics of colorectal cancer. Pathology, 1999, 31, 354-364.	0.3	8
954	Novel <EMPH TYPE="ITAL">hMLH1</EMPH> and <EMPH TYPE="ITAL">hMSH2</EMPH> Germline Mutations in African Americans With Colorectal Cancer. JAMA - Journal of the American Medical Association, 1999, 281, 2316.	3.8	43
955	Recognition of DNA alterations by the mismatch repair system. Biochemical Journal, 1999, 338, 1-13.	1.7	86
956	Recognition of DNA alterations by the mismatch repair system. Biochemical Journal, 1999, 338, 1.	1.7	39
957	Loci for efficient detection of microsatellite instability in hereditary non-polyposis colorectal cancer.. Oncology Reports, 1999, 6, 497-505.	1.2	14
958	Chapter 5 Molecular biology of prostate cancer. Advances in Oncobiology, 1999, , 85-122.	0.0	1
959	Familial Gastric Cancer in the Japanese Population Is Frequently Located at the Cardiac Region. Tumor Biology, 1999, 20, 235-241.	0.8	8
960	Interpretation of Genetic Test Results for Hereditary Nonpolyposis Colorectal Cancer. JAMA - Journal of the American Medical Association, 1999, 282, 247.	3.8	118
961	A Case of Multiple Sebaceous Epithelioma: Analysis of Microsatellite Instability. Journal of Dermatology, 1999, 26, 178-182.	0.6	7
962	Germline mutation and genome instability. European Journal of Cancer Prevention, 1999, 8, S39.	0.6	42
963	A Uve1p-Mediated Mismatch Repair Pathway in <i>Schizosaccharomyces pombe</i>. Molecular and Cellular Biology, 1999, 19, 4703-4710.	1.1	28

#	ARTICLE	IF	CITATIONS
964	Microsatellite Instability as a Potential Marker for Poor Prognosis in Adult T Cell Leukemia/Lymphoma. <i>Leukemia and Lymphoma</i> , 1999, 32, 345-349.	0.6	21
965	Detection of Loss of Heterozygosity at Microsatellite Loci in Esophageal Squamous-Cell Carcinoma. <i>Oncology</i> , 1999, 56, 164-168.	0.9	14
966	Linkage Mapping of the Rat Msh2 DNA Mismatch Repair Gene on Chromosome 6.. <i>Experimental Animals</i> , 1999, 48, 63-64.	0.7	0
967	Frequency of Microsatellite Instability in Breast Cancer Determined by High-Resolution Fluorescent Microsatellite Analysis. <i>Oncology</i> , 2000, 59, 44-49.	0.9	35
968	Genetic Polymorphism of Enzymes Involved in Xenobiotic Metabolism and the Risk of Colorectal Cancer.. <i>Journal of Epidemiology</i> , 2000, 10, 349-360.	1.1	59
969	Microsatellite instability in primary brain tumors. <i>Neurological Research</i> , 2000, 22, 571-575.	0.6	12
970	What's New with Tumor Markers for Colorectal Cancer?. <i>Digestive Surgery</i> , 2000, 17, 209-215.	0.6	23
971	II. The Molecular Biology of Endometrial Tumorigenesis: Does It Have a Message?*. <i>International Journal of Gynecological Pathology</i> , 2000, 19, 310-313.	0.9	13
972	Expression of the human mismatch repair gene hMSH2. , 2000, 88, 2333-2341.		32
973	Synchronous multiple primary gastrointestinal cancer exhibits frequent microsatellite instability. , 2000, 86, 678-683.		46
974	Genetic alterations of sporadic colorectal cancer with microsatellite instability, especially characteristics of primary multiple colorectal cancers. <i>Journal of Surgical Oncology</i> , 2000, 74, 249-256.	0.8	19
975	Clinical significance of microsatellite instability in endometrial carcinoma. <i>Cancer</i> , 2000, 89, 1758-1764.	2.0	117
976	Genetic progression in microsatellite instability high (MSI-H) colon cancers correlates with clinico-pathological parameters: A study of the TGR12R11, BAX, hMSH3, hMSH6, IGF1R and BLM genes. <i>International Journal of Cancer</i> , 2000, 89, 230-235.	2.3	101
977	Microsatellite instability correlates with negative expression of estrogen and progesterone receptors in sporadic breast cancer. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2000, 20, 283-291.	0.8	20
978	Novel germline mutation (300-305delAGTTGA) in the human MSH2 gene in hereditary non-polyposis colorectal cancer (HNPCC). <i>Human Mutation</i> , 2000, 16, 91-92.	1.1	5
979	Prophylactic oophorectomy: Clinical considerations. <i>Journal of Surgical Oncology</i> , 2000, 19, 20-27.	1.4	13
980	Complementation of an hMSH2 defect in human colorectal carcinoma cells by human chromosome 2 transfer. <i>Molecular Carcinogenesis</i> , 2000, 29, 37-49.	1.3	34
981	The Arabidopsis thaliana ATP-binding cassette proteins: an emerging superfamily. <i>Plant, Cell and Environment</i> , 2000, 23, 431-443.	2.8	66

#	ARTICLE	IF	CITATIONS
982	Microsatellite instability and mutations of E2F-4 in hepatocellular carcinoma from Korea. <i>Hepatology Research</i> , 2000, 17, 102-111.	1.8	16
983	Monte Carlo Markov chain methods and model selection in genetic epidemiology. <i>Computational Statistics and Data Analysis</i> , 2000, 32, 349-360.	0.7	2
984	Cancer therapy with DNA-based vaccines. <i>Immunology Letters</i> , 2000, 74, 59-65.	1.1	12
985	Detection of mutations in mismatch repair genes in Portuguese families with hereditary non-polyposis colorectal cancer (HNPCC) by a multi-method approach. <i>European Journal of Human Genetics</i> , 2000, 8, 49-53.	1.4	42
986	Microsatellite instability is not a defining genetic feature of acute myeloid leukemogenesis in adults: results of a retrospective study of 132 patients and review of the literature. <i>Leukemia</i> , 2000, 14, 1044-1051.	3.3	42
987	Allelotype analysis of the myelodysplastic syndrome. <i>Leukemia</i> , 2000, 14, 805-810.	3.3	13
988	Genetic instability is associated with histological transformation of follicle center lymphoma. <i>Leukemia</i> , 2000, 14, 2142-2148.	3.3	44
989	DNA methylator and mismatch repair phenotypes are not mutually exclusive in colorectal cancer cell lines. <i>Oncogene</i> , 2000, 19, 943-952.	2.6	17
990	Mlh1 deficiency enhances several phenotypes of ApcMin/+ mice. <i>Oncogene</i> , 2000, 19, 2774-2779.	2.6	53
991	Differential cellular expression of the human <i>MSH2</i> protein in normal and myelodysplastic haematopoiesis. <i>British Journal of Haematology</i> , 2000, 111, 650-655.	1.2	1
992	TGF- β 2 receptors and DNA repair genes, coupled targets in a pathway of human colon carcinogenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2000, 1470, M13-M20.	3.3	29
993	DNA Replication Errors are Frequent in Mucinous Cystadenocarcinoma of the Ovary. <i>Cancer Genetics and Cytogenetics</i> , 2000, 117, 61-65.	1.0	14
994	Mismatch repair proteins and mitotic genome stability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 451, 151-167.	0.4	72
995	Mutation spectrum of MSH3-deficient HHUA/chr.2 cells reflects in vivo activity of the MSH3 gene product in mismatch repair. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 447, 155-164.	0.4	4
996	Immunohistochemical analysis of DNA mismatch repair enzyme hMSH-2 in normal human skin and basal cell carcinomas. <i>The Histochemical Journal</i> , 2000, 32, 93-97.	0.6	16
997	Microsatellite instability is uncommon in intestinal mucosa of patients with Crohn's disease. <i>Digestive Diseases and Sciences</i> , 2000, 45, 378-384.	1.1	16
998	Microsatellite instability markers in breast cancer: A review and study showing MSI was not detected at β -TAT 25 and β -TAT 26 microsatellite markers in early-onset breast cancer. <i>Breast Cancer Research and Treatment</i> , 2000, 60, 135-142.		51
999	Anti-angiogenic treatment strategies for malignant brain tumors. <i>Journal of Neuro-Oncology</i> , 2000, 50, 149-163.	1.4	58

#	ARTICLE	IF	CITATIONS
1000	Microsatellite Instability in Germ Cell Tumors of the Testis and Ovary. <i>Gynecologic Oncology</i> , 2000, 79, 38-43.	0.6	23
1001	Hereditary intestinal cancer. <i>Seminars in Cancer Biology</i> , 2000, 10, 289-298.	4.3	32
1002	Intron splice acceptor site polymorphism in the hMSH2 gene in sporadic and familial colorectal cancer. <i>British Journal of Cancer</i> , 2000, 82, 535-537.	2.9	14
1003	Extensive molecular screening for hereditary non-polyposis colorectal cancer. <i>British Journal of Cancer</i> , 2000, 82, 871-880.	2.9	73
1004	The mutagenic action of N-ethyl-N-nitrosourea in the mouse. <i>Mammalian Genome</i> , 2000, 11, 478-483.	1.0	132
1005	Characterization of MLH1 and MSH2 DNA mismatch repair proteins in cell lines of the NCI anticancer drug screen. <i>Cancer Chemotherapy and Pharmacology</i> , 2000, 46, 507-516.	1.1	80
1006	Colon cancer. <i>Diseases of the Colon and Rectum</i> , 2000, 43, 1473-1486.	0.7	14
1007	Contributions of Academic Medicine to Colon and Rectal Surgery. <i>Diseases of the Colon and Rectum</i> , 2000, 43, 1653-1659.	0.7	4
1008	Colonic adenocarcinoma occurring in an Indiana pouch. <i>Diseases of the Colon and Rectum</i> , 2000, 43, 864-867.	0.7	21
1009	Hereditary nonpolyposis colorectal cancer (lynch syndrome II) in Uruguay. <i>Diseases of the Colon and Rectum</i> , 2000, 43, 353-360.	0.7	11
1010	Genetic testing and surgical decision making in hereditary colorectal cancer. <i>International Journal of Colorectal Disease</i> , 2000, 15, 21-28.	1.0	26
1011	Mutations of the E2F4 gene in hematological malignancies having microsatellite instability. <i>Blood</i> , 2000, 95, 1509-1510.	0.6	18
1012	p53 Interacts with the DNA Mismatch Repair System to Modulate the Cytotoxicity and Mutagenicity of Hydrogen Peroxide. <i>Molecular Pharmacology</i> , 2000, 58, 1222-1229.	1.0	42
1013	Hereditary Nonpolyposis Colorectal Cancer: A Call for Attention. <i>Journal of Clinical Oncology</i> , 2000, 18, 2189-2192.	0.8	9
1014	DNA Alterations in the Plasma and Serum of Cancer Patients: A Molecular Tumor Marker. <i>Oncology Research and Treatment</i> , 2000, 23, 220-225.	0.8	0
1015	Sporadic Microsatellite Instability Is Specific to Neoplastic and Preneoplastic Endometrial Tissues. <i>American Journal of Clinical Pathology</i> , 2000, 113, 576-582.	0.4	36
1017	Chasing the Cancer Demon. <i>Annual Review of Genetics</i> , 2000, 34, 1-19.	3.2	101
1018	The Absence of Msh2 Alters Abelson Virus Pre-B-Cell Transformation by Influencing p53 Mutation. <i>Molecular and Cellular Biology</i> , 2000, 20, 8373-8381.	1.1	8

#	ARTICLE	IF	CITATIONS
1019	Functional Studies on the Candidate ATPase Domains of <i>Saccharomyces cerevisiae</i> MutL \pm . <i>Molecular and Cellular Biology</i> , 2000, 20, 6390-6398.	1.1	91
1020	Effect of single mutations in the OGG1 gene found in human tumors on the substrate specificity of the Ogg1 protein. <i>Nucleic Acids Research</i> , 2000, 28, 2672-2678.	6.5	107
1021	Low frequency of replication errors in primary nervous system tumours. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000, 69, 369-375.	0.9	21
1022	p53 and c-Jun Functionally Synergize in the Regulation of the DNA Repair Gene hMSH2 in Response to UV. <i>Journal of Biological Chemistry</i> , 2000, 275, 37469-37473.	1.6	79
1023	Molecular and biological analysis of carcinoma of the small intestine: beta-catenin gene mutation by interstitial deletion involving exon 3 and replication error phenotype. <i>American Journal of Gastroenterology</i> , 2000, 95, 1576-1580.	0.2	24
1024	Absence of microsatellite instability in primary myelodysplastic syndrome.. <i>International Journal of Molecular Medicine</i> , 2000, 5, 159-63.	1.8	5
1025	Microsatellite instability of dinucleotide tandem repeat sequences is higher than trinucleotide, tetranucleotide and pentanucleotide repeat sequences in prostate cancer.. <i>International Journal of Oncology</i> , 2000, 16, 1203-9.	1.4	6
1026	Low frequency of microsatellite instability in sporadic breast cancer.. <i>International Journal of Oncology</i> , 2000, 16, 1235-42.	1.4	5
1027	Mutation analysis of the hMTH1 gene in sporadic human ovarian cancer.. <i>International Journal of Oncology</i> , 2000, 17, 467-71.	1.4	4
1028	Microsatellite Analysis of the Insulin-Like Growth Factor II Receptor in Colorectal Carcinomas. , 2001, 50, 137-148.		0
1029	Malignes Lymphom als Zweittumor bei bekanntem Muir-Torre Syndrom - Ein Fallbericht. <i>Viszeralchirurgie</i> , 2000, 35, 72-74.	0.0	0
1030	Direct Analysis for Familial Adenomatous Polyposis Mutations. , 2001, 50, 113-128.		0
1031	Sensitivity and specificity of clinical criteria for hereditary non-polyposis colorectal cancer associated mutations in MSH2 and MLH1. <i>Journal of Medical Genetics</i> , 2000, 37, 641-645.	1.5	248
1032	Mice with a targeted disruption of the Fanconi anemia homolog Fanca. <i>Human Molecular Genetics</i> , 2000, 9, 1805-1811.	1.4	170
1033	A Human REV7 Homolog That Interacts with the Polymerase δ Catalytic Subunit hREV3 and the Spindle Assembly Checkpoint Protein hMAD2. <i>Journal of Biological Chemistry</i> , 2000, 275, 4391-4397.	1.6	170
1034	Incidence of germline hMLH1 and hMSH2 mutations (HNPCC patients) among newly diagnosed colorectal cancers in a Slovenian population. <i>Journal of Medical Genetics</i> , 2000, 37, 533-536.	1.5	33
1035	Counting cross-overs: characterizing meiotic recombination in mammals. <i>Human Molecular Genetics</i> , 2000, 9, 2409-2419.	1.4	102
1036	Replication error phenotype, clinicopathological variables, and patient outcome in Dukes' B stage II (T3,N0,M0) colorectal cancer. <i>Gut</i> , 2000, 46, 200-204.	6.1	39

#	ARTICLE	IF	CITATIONS
1037	The Role of Mismatched Nucleotides in Activating the hMSH2-hMSH6 Molecular Switch. <i>Journal of Biological Chemistry</i> , 2000, 275, 3922-3930.	1.6	103
1038	Genetic Analysis of Mouse Embryonic Stem Cells Bearing <i>Msh3</i> and <i>Msh2</i> Single and Compound Mutations. <i>Molecular and Cellular Biology</i> , 2000, 20, 149-157.	1.1	47
1039	The role of hypermethylation of the hMLH1 promoter region in HNPCC versus MSI+ sporadic colorectal cancers. <i>Journal of Medical Genetics</i> , 2000, 37, 588-592.	1.5	98
1040	Nuclear Translocation of Mismatch Repair Proteins MSH2 and MSH6 as a Response of Cells to Alkylating Agents. <i>Journal of Biological Chemistry</i> , 2000, 275, 36256-36262.	1.6	85
1041	Mismatch repair is required for O6-methylguanine-induced homologous recombination in human fibroblasts. <i>Carcinogenesis</i> , 2000, 21, 1639-1646.	1.3	26
1042	The Human OGG1 Gene: Structure, Functions, and Its Implication in the Process of Carcinogenesis. <i>Archives of Biochemistry and Biophysics</i> , 2000, 377, 1-8.	1.4	436
1043	Enhanced Detection of Deleterious and Other Germline Mutations of hMSH2 and hMLH1 in Japanese Hereditary Nonpolyposis Colorectal Cancer Kindreds. <i>Biochemical and Biophysical Research Communications</i> , 2000, 271, 120-129.	1.0	51
1044	Evidence for microsatellite instability in bilateral breast carcinomas. <i>Cancer Letters</i> , 2000, 154, 9-17.	3.2	20
1045	Microsatellite instability and K- mutations in patients with ulcerative colitis. <i>Human Pathology</i> , 2000, 31, 665-671.	1.1	56
1046	Parvovirus-mediated antineoplastic activity exploits genome instability. <i>Medical Hypotheses</i> , 2000, 55, 1-4.	0.8	6
1047	Colorectal cancer – time as the most important carcinogen: a risky hypothesis about risk. <i>Medical Hypotheses</i> , 2000, 54, 712-716.	0.8	0
1048	Update on familial cancer syndromes and the skin. <i>Journal of the American Academy of Dermatology</i> , 2000, 42, 939-969.	0.6	72
1049	Molecular mechanisms of inactivation of TGF- β 2 receptors during carcinogenesis. <i>Cytokine and Growth Factor Reviews</i> , 2000, 11, 159-168.	3.2	179
1050	Genetic steps in the development of squamous cell carcinoma of the esophagus. <i>Mutation Research - Reviews in Mutation Research</i> , 2000, 462, 335-342.	2.4	176
1051	Microsatellite instability is associated with genetic alteration but not with low levels of expression of the human mismatch repair proteins hMSH2 and hMLH1. <i>European Journal of Cancer</i> , 2000, 36, 925-931.	1.3	27
1052	Genetic instability in intestinal metaplasia is a frequent event leading to well-differentiated early adenocarcinoma of the stomach. <i>European Journal of Cancer</i> , 2000, 36, 1113-1119.	1.3	58
1053	Altered expression of hMLH1 and hMSH2 protein in endometrial carcinomas with microsatellite instability. <i>Human Pathology</i> , 2000, 31, 354-358.	1.1	65
1054	Significance of multiple mutations in cancer. <i>Carcinogenesis</i> , 2000, 21, 379-385.	1.3	392

#	ARTICLE	IF	CITATIONS
1055	Microsatellite Instability Testing. , 2001, 50, 69-79.		1
1056	Leukemia Relapse Reconsidered from the Molecular Aspect. <i>Leukemia and Lymphoma</i> , 2000, 37, 527-534.	0.6	1
1057	Efficient Mutation Detection in Mismatch Repair Genes Using a Combination of Single-Strand Conformational Polymorphism and Heteroduplex Analysis at a Controlled Temperature. <i>Genetic Testing and Molecular Biomarkers</i> , 2000, 4, 15-21.	1.7	9
1058	Tumor Microsatellite Instability and Clinical Outcome in Young Patients with Colorectal Cancer. <i>New England Journal of Medicine</i> , 2000, 342, 69-77.	13.9	1,235
1059	DNA mismatch repair genes and colorectal cancer. <i>Gut</i> , 2000, 47, 148-153.	6.1	151
1060	THE MISMATCH REPAIR GENE hMSH2 IS MUTATED IN THE PROSTATE CANCER CELL LINE LNCaP. <i>Journal of Urology</i> , 2000, 164, 1830-1833.	0.2	45
1061	FIFTY LANDMARK DISCOVERIES IN GASTROENTEROLOGY DURING THE PAST 50 YEARS. <i>Gastroenterology Clinics of North America</i> , 2000, 29, 513-550.	1.0	2
1062	MICROSATELLITE ALTERATIONS AND LOSS OF HETEROZYGOSITY IN PEYRONIE'S DISEASE. <i>Journal of Urology</i> , 2000, 164, 842-846.	0.2	15
1063	Classical Oncogenes and Tumor Suppressor Genes: A Comparative Genomics Perspective. <i>Neoplasia</i> , 2000, 2, 280-286.	2.3	11
1064	Gene-environment interactions in human lung cancer. <i>Toxicology Letters</i> , 2000, 112-113, 233-237.	0.4	17
1065	Acceleration of lymphomagenesis in mismatch-repair deficient mice by exposure to genotoxic agents. <i>Toxicology Letters</i> , 2000, 112-113, 245-250.	0.4	4
1066	Molecular and biological analysis of carcinoma of the small intestine: β -catenin gene mutation by interstitial deletion involving exon 3 and replication error phenotype. <i>American Journal of Gastroenterology</i> , 2000, 95, 1576-1580.	0.2	18
1067	Detection of Microsatellite Instability by Fluorescence Multiplex Polymerase Chain Reaction. <i>Journal of Molecular Diagnostics</i> , 2000, 2, 20-28.	1.2	133
1068	AGA technical review on hereditary colorectal cancer and genetic testing. <i>Gastroenterology</i> , 2001, 121, 198-213.	0.6	318
1069	The Molecular Basis for Prevention of Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2001, 1, 47-54.	1.0	9
1070	Functional analysis of the <i>Arabidopsis thaliana</i> mismatch repair gene MSH2. <i>Genome</i> , 2001, 44, 651-657.	0.9	11
1071	Genetic and epigenetic changes in stomach cancer. <i>International Review of Cytology</i> , 2001, 204, 49-95.	6.2	94
1072	DNA Chain Length Dependence of Formation and Dynamics of hMutS \pm hMutL \pm Heteroduplex Complexes. <i>Journal of Biological Chemistry</i> , 2001, 276, 33233-33240.	1.6	90

#	ARTICLE	IF	CITATIONS
1073	DNA Mismatch Repair Enzyme Activity and Gene Expression in Prostate Cancer. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 409-413.	1.0	51
1074	Histopathological Identification of Colon Cancer with Microsatellite Instability. <i>American Journal of Pathology</i> , 2001, 158, 527-535.	1.9	451
1075	Genetic analysis of DNA microsatellite loci in salivary gland tumours: comparison with immunohistochemical detection of hMSH2 and p53 proteins. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2001, 30, 538-544.	0.7	22
1076	Germline characterization of early-aged onset of hereditary non-polyposis colorectal cancer. <i>Journal of Pediatrics</i> , 2001, 138, 629-635.	0.9	26
1077	Hereditary Nonpolyposis Colorectal Cancer in 95 Families: Differences and Similarities between Mutation-Positive and Mutation-Negative Kindreds. <i>American Journal of Human Genetics</i> , 2001, 68, 118-127.	2.6	186
1078	The Frequency of Hereditary Defective Mismatch Repair in a Prospective Series of Unselected Colorectal Carcinomas. <i>American Journal of Human Genetics</i> , 2001, 69, 780-790.	2.6	303
1079	Molecular cloning and characterization of the DNA mismatch repair gene class 2 from the <i>Trypanosoma cruzi</i> . <i>Gene</i> , 2001, 272, 323-333.	1.0	30
1080	Genomic Plasticity and Melanoma Formation in the Fish <i>Xiphophorus</i> . <i>Marine Biotechnology</i> , 2001, 3, S072-S080.	1.1	20
1081	The instability within: problems in current analyses of microsatellite instability. <i>Mutation Research DNA Repair</i> , 2001, 461, 249-263.	3.8	42
1082	Repair bias of large loop mismatches during recombination in mammalian cells depends on loop length and structure. <i>Mutation Research DNA Repair</i> , 2001, 485, 255-265.	3.8	23
1083	Genetic changes of hOGG1 and the activity of oh8Gua glycosylase in colon cancer. <i>European Journal of Cancer</i> , 2001, 37, 340-346.	1.3	38
1084	Molecular genetics of urothelial malignancies. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2001, 6, 211-219.	0.8	6
1085	Health beliefs and endoscopic screening for colorectal cancer: Potential for cancer prevention. <i>Preventive Medicine</i> , 2001, 33, 128-136.	1.6	86
1086	Diverse Delayed Effects in Human Lymphoblastoid Cells Surviving Exposure to High-LET ⁵⁶ Fe Particles or Low-LET ¹³⁷ Cs Gamma Radiation. <i>Radiation Research</i> , 2001, 156, 259-271.	0.7	15
1087	Clinical Definition of Hereditary Non-polyposis Colorectal Cancer: A Search for the Impossible?. <i>Scandinavian Journal of Gastroenterology</i> , 2001, 36, 61-67.	0.6	7
1088	Investigation of G2-phase chromosomal radiosensitivity in hereditary non-polyposis colorectal cancer cells. <i>International Journal of Radiation Biology</i> , 2001, 77, 773-780.	1.0	5
1089	Therapeutic Anti-Angiogenesis for Malignant Brain Tumors. <i>Oncology Research and Treatment</i> , 2001, 24, 423-430.	0.8	9
1090	Microsatellite instability: Application in hereditary non-polyposis colorectal cancer. <i>Annals of Oncology</i> , 2001, 12, 151-160.	0.6	13

#	ARTICLE	IF	CITATIONS
1091	Microsatellite Instability Is an Independent Indicator of Recurrence in Sporadic Stage III Endometrial Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2001, 19, 1008-1014.	0.8	57
1092	Clinicopathologic and Immunohistochemical Features and Microsatellite Status of Endometrial Cancer of the Uterine Isthmus. <i>International Journal of Gynecological Pathology</i> , 2001, 20, 368-373.	0.9	12
1093	Cancer Genetics Fundamentals. <i>Cancer Nursing</i> , 2001, 24, 446-461.	0.7	6
1094	Colorectal Cancer in Patients 20 Years Old or Less in Taiwan. <i>Southern Medical Journal</i> , 2001, 94, 1202-1205.	0.3	12
1095	Models for studying genomic instability during aging. <i>Advances in Cell Aging and Gerontology</i> , 2001, , 73-90.	0.1	0
1096	Colorectal Cancer in Patients 20 Years Old or Less in Taiwan. <i>Southern Medical Journal</i> , 2001, 94, 1202-1205.	0.3	8
1097	What we could do now: molecular pathology of colorectal cancer. <i>Journal of Clinical Pathology</i> , 2001, 54, 206-214.	2.1	57
1099	Carrier rate of APC I1307K is not increased in inflammatory bowel disease patients of Ashkenazi Jewish origin. <i>Human Genetics</i> , 2001, 108, 205-210.	1.8	6
1100	Role of molecular diagnostic testing in familial adenomatous polyposis and hereditary nonpolyposis colorectal cancer families. <i>Diseases of the Colon and Rectum</i> , 2001, 44, 437-446.	0.7	17
1101	Evaluation of bethesda guidelines in relation to microsatellite instability. <i>Diseases of the Colon and Rectum</i> , 2001, 44, 1281-1289.	0.7	20
1102	Screening of patients at high risk of colorectal cancer. <i>Colorectal Disease</i> , 2001, 3, 308-311.	0.7	4
1103	Comprehensive analysis of 112 melanocytic skin lesions demonstrates microsatellite instability in melanomas and dysplastic nevi, but not in benign nevi. <i>Journal of Cutaneous Pathology</i> , 2001, 28, 343-350.	0.7	70
1104	Microsatellite alterations and target gene mutations in the early stages of multiple gastric cancer. <i>Journal of Pathology</i> , 2001, 194, 334-340.	2.1	27
1105	Abnormal nucleotide repeat sequence in the TGF- β RII gene in hepatocellular carcinoma and in uninvolved liver tissue. <i>Journal of Pathology</i> , 2001, 195, 349-354.	2.1	13
1106	RB1 genetic testing as a clinical service: A follow-up study. <i>Medical and Pediatric Oncology</i> , 2001, 37, 372-378.	1.0	20
1107	Gene expression profile in BALB/c-3T3 cells transformed with beryllium sulfate. <i>Molecular Carcinogenesis</i> , 2001, 32, 28-35.	1.3	20
1108	Multiple manifestations of X-ray-induced genomic instability in Chinese hamster ovary (CHO) cells. <i>Molecular Carcinogenesis</i> , 2001, 32, 118-127.	1.3	18
1109	Microsatellite instability and hMLH1/hMSH2 expression in Barrett esophagus-associated adenocarcinoma. <i>Cancer</i> , 2001, 91, 1451-1457.	2.0	45

#	ARTICLE	IF	CITATIONS
1110	A population based cohort study of patients with multiple colon and endometrial cancer: Correlation of microsatellite instability (msi) status, age at diagnosis and cancer risk. <i>International Journal of Cancer</i> , 2001, 91, 486-491.	2.3	21
1111	Mismatch repair and microsatellite instability in esophageal cancer cells. <i>International Journal of Cancer</i> , 2001, 91, 687-691.	2.3	15
1112	Infrequent microsatellite instability in biliary tract cancer. <i>Journal of Surgical Oncology</i> , 2001, 76, 121-126.	0.8	27
1113	Eight novel germline MLH1 and MSH2 mutations in hereditary non-polyposis colorectal cancer families from Spain. <i>Human Mutation</i> , 2001, 18, 549-549.	1.1	10
1114	Microsatellite instability in squamous cell carcinoma of head and neck from the Indian patient population. <i>International Journal of Cancer</i> , 2001, 92, 555-561.	2.3	19
1115	Systematic identification of genes with coding microsatellites mutated in DNA mismatch repair-deficient cancer cells. <i>International Journal of Cancer</i> , 2001, 93, 12-19.	2.3	87
1116	High frequency of microsatellite instability in young patients with head-and-neck squamous-cell carcinoma: Lack of involvement of the mismatch repair genes MLH1 and MSH2. <i>International Journal of Cancer</i> , 2001, 93, 353-360.	2.3	67
1117	Resistance to topoisomerase poisons due to loss of DNA mismatch repair. <i>International Journal of Cancer</i> , 2001, 93, 571-576.	2.3	104
1118	Growth inhibition due to complementation of transforming growth factor- β receptor type II-defect by human chromosome 3 transfer in human colorectal carcinoma cells. <i>Journal of Cellular Physiology</i> , 2001, 187, 356-364.	2.0	5
1119	Expression of ATM in ataxia telangiectasia fibroblasts rescues defects in DNA double-strand break repair in nuclear extracts. <i>Environmental and Molecular Mutagenesis</i> , 2001, 37, 128-140.	0.9	19
1120	Richard B. Setlow, a commentary on seminal contributions and scientific controversies. <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 122-131.	0.9	3
1121	Genomic instability in head and neck cancer patients. <i>Head and Neck</i> , 2001, 23, 683-691.	0.9	26
1122	Effects of high ELF magnetic fields on enzyme-catalyzed DNA and RNA synthesis in vitro and on a cell-free DNA mismatch repair. <i>Bioelectromagnetics</i> , 2001, 22, 260-266.	0.9	13
1123	Cancer: the evolved consequence of a destabilized genome. <i>BioEssays</i> , 2001, 23, 1037-1046.	1.2	57
1124	The Clinical Features of Ovarian Cancer in Hereditary Nonpolyposis Colorectal Cancer. <i>Gynecologic Oncology</i> , 2001, 82, 223-228.	0.6	219
1125	Prediction of the outcome of genetic testing in HNPCC kindreds using the revised Amsterdam criteria and immunohistochemistry. <i>Familial Cancer</i> , 2001, 1, 169-173.	0.9	11
1126	DNA mismatch repair enzyme hMSH2 in malignant melanoma: increased immunoreactivity as compared to acquired melanocytic nevi and strong mRNA expression in melanoma cell lines. <i>The Histochemical Journal</i> , 2001, 33, 459-467.	0.6	22
1127	Relationship between grade of microsatellite instability and target genes of mismatch repair pathways in sporadic colorectal carcinoma. <i>Digestive Diseases and Sciences</i> , 2001, 46, 1615-1622.	1.1	8

#	ARTICLE	IF	CITATIONS
1128	Advantages and disadvantages of population screening for cancer and surveillance of at-risk groups. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2001, 15, 211-226.	1.0	7
1129	Minisatellite instability is found in colorectal tumours with mismatch repair deficiency. <i>British Journal of Cancer</i> , 2001, 85, 1486-1491.	2.9	8
1130	Immunohistochemical pattern of hMSH2/hMLH1 in familial and sporadic colorectal, gastric, endometrial and ovarian carcinomas with instability in microsatellite sequences. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2001, 438, 39-48.	1.4	100
1131	Genotype and phenotype of a new 2-bp deletion of hMSH2 at codon 233. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2001, 439, 191-195.	1.4	1
1132	Microsatellite Instability of Colorectal Cancer and Adenoma in Synchronous Multiple Colorectal Cancer Patients with Associated Extracolonic Malignancies. <i>Surgery Today</i> , 2001, 31, 405-409.	0.7	0
1133	Accumulation of somatic mutations in proliferating T cell clones from children treated for leukemia. <i>Leukemia</i> , 2001, 15, 1898-1905.	3.3	13
1134	A novel germline 1.8-kb deletion of hMLH1 mimicking alternative splicing: a founder mutation in the Chinese population. <i>Oncogene</i> , 2001, 20, 2976-2981.	2.6	38
1135	Alterations of repeated sequences in 5' upstream and coding regions in colorectal tumors from patients with hereditary nonpolyposis colorectal cancer and Turcot syndrome. <i>Oncogene</i> , 2001, 20, 5215-5218.	2.6	33
1136	Extensive characterization of genetic alterations in a series of human colorectal cancer cell lines. <i>Oncogene</i> , 2001, 20, 5025-5032.	2.6	159
1137	Adenosine nucleotide modulates the physical interaction between hMSH2 and BRCA1. <i>Oncogene</i> , 2001, 20, 4640-4649.	2.6	57
1138	Defects in mismatch repair promote telomerase-independent proliferation. <i>Nature</i> , 2001, 411, 713-716.	13.7	131
1139	A freely diffusible form of Sonic hedgehog mediates long-range signalling. <i>Nature</i> , 2001, 411, 716-720.	13.7	422
1140	Chromosome segregation and cancer: cutting through the mystery. <i>Nature Reviews Cancer</i> , 2001, 1, 109-117.	12.8	408
1141	Strain-dependency of Chromosomal Abnormalities in Lymphomas Developed in $\frac{1}{4}$ -myc Transgenic Mice. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 499-505.	1.7	2
1142	Genetic alterations in gastric cancers from British patients. <i>Cancer Genetics and Cytogenetics</i> , 2001, 126, 111-119.	1.0	41
1143	Causes of microsatellite instability in colorectal tumors. <i>Cancer Genetics and Cytogenetics</i> , 2001, 126, 85-96.	1.0	51
1144	Ageing and the mismatch repair system. <i>Mechanisms of Ageing and Development</i> , 2001, 121, 173-179.	2.2	51
1145	The contribution of endogenous sources of DNA damage to the multiple mutations in cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 477, 7-21.	0.4	529

#	ARTICLE	IF	CITATIONS
1146	X-ray induction of microsatellite instability at autosomal loci in human lymphoblastoid WTK1 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 478, 97-106.	0.4	11
1147	Xeroderma pigmentosum: the first of the cellular caretakers. <i>Trends in Biochemical Sciences</i> , 2001, 26, 398-401.	3.7	8
1148	Somatic frameshift mutations in the Bloom syndrome BLM gene are frequent in sporadic gastric carcinomas with microsatellite mutator phenotype. <i>BMC Genetics</i> , 2001, 2, 14.	2.7	19
1149	A Single Highly Mutable Catalytic Site Amino Acid Is Critical for DNA Polymerase Fidelity. <i>Journal of Biological Chemistry</i> , 2001, 276, 5044-5051.	1.6	96
1150	Genetic risk and behavioural change. <i>BMJ: British Medical Journal</i> , 2001, 322, 1056-1059.	2.4	302
1151	Screening families with endometrial and colorectal cancers for germline mutations. <i>Journal of Medical Genetics</i> , 2001, 38, 29e-29.	1.5	3
1152	Microsatellite instability and the clinicopathological features of sporadic colorectal cancer. <i>Gut</i> , 2001, 48, 821-829.	6.1	308
1153	Elevated Expression of Caveolin-1 in Adenocarcinoma of the Colon. <i>American Journal of Clinical Pathology</i> , 2001, 115, 719-724.	0.4	109
1154	Features of Microsatellite Instability in Colorectal Cancer: Comparison between Colon and Rectum. <i>Oncology</i> , 2001, 61, 168-174.	0.9	35
1155	Diagnosis of microsatellite instability-positive colorectal cancer. <i>Expert Review of Molecular Diagnostics</i> , 2001, 1, 71-80.	1.5	6
1156	Immunohistochemical analysis of expression and allelotype of mismatch repair genes (hMLH1 and hMSH2) in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2001, 82, 17-29.	2.9	17
1157	Functional analysis of the mismatch repair system in bladder cancer. <i>British Journal of Cancer</i> , 2001, 85, 568-575.	2.9	23
1158	The homeobox gene CDX2 in colorectal carcinoma: a genetic analysis. <i>British Journal of Cancer</i> , 2001, 84, 218-225.	2.9	34
1159	Amplification of Mutator Cells in a Population as a Result of Horizontal Transfer. <i>Journal of Bacteriology</i> , 2001, 183, 3737-3741.	1.0	30
1160	A functional assay for mutations in tumor suppressor genes caused by mismatch repair deficiency. <i>Human Molecular Genetics</i> , 2001, 10, 2737-2743.	1.4	11
1161	Initiation of strand incision at G:T and O6-methylguanine:T base mismatches in DNA by human cell extracts. <i>Nucleic Acids Research</i> , 2001, 29, 2409-2417.	6.5	3
1162	Spontaneous hepatocellular carcinoma is reduced in transgenic mice overexpressing human O6-methylguanine-DNA methyltransferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12566-12571.	3.3	49
1163	Isolation and Characterization of Point Mutations in Mismatch Repair Genes That Destabilize Microsatellites in Yeast. <i>Molecular and Cellular Biology</i> , 2001, 21, 8157-8167.	1.1	32

#	ARTICLE	IF	CITATIONS
1164	Atypical HNPCC owing to MSH6 germline mutations: analysis of a large Dutch pedigree. <i>Journal of Medical Genetics</i> , 2001, 38, 318-322.	1.5	135
1165	Functional significance of concomitant inactivation of hMLH1 and hMSH6 in tumor cells of the microsatellite mutator phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 15107-15112.	3.3	42
1166	Mismatch Repair and the Hereditary Non-polyposis Colorectal Cancer Syndrome (HNPCC). <i>Cancer Investigation</i> , 2002, 20, 102-109.	0.6	117
1168	Identification of the Modifier of Min 2 (Mom2) Locus, a New Mutation That Influences Apc-Induced Intestinal Neoplasia. <i>Genome Research</i> , 2002, 12, 88-97.	2.4	74
1169	Screening for microsatellite instability target genes in colorectal cancers. <i>Journal of Medical Genetics</i> , 2002, 39, 785-789.	1.5	33
1170	An insight into the genetic pathway of adenocarcinoma of the small intestine. <i>Gut</i> , 2002, 50, 218-223.	6.1	128
1171	Genetic instability favoring transversions associated with ErbB2-induced mammary tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3770-3775.	3.3	26
1172	Genome sequence of the hyperthermophilic crenarchaeon <i>Pyrobaculum aerophilum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 984-989.	3.3	206
1173	Implication of Protein Kinase C in the Regulation of DNA Mismatch Repair Protein Expression and Function. <i>Journal of Biological Chemistry</i> , 2002, 277, 18061-18068.	1.6	24
1174	Intestinal adenomas can develop with a stable karyotype and stable microsatellites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8927-8931.	3.3	90
1175	Frequency of hereditary non-polyposis colorectal cancer in Danish colorectal cancer patients. <i>Gut</i> , 2002, 50, 43-51.	6.1	75
1176	A potential role for the XRCC2 R188H polymorphic site in DNA-damage repair and breast cancer. <i>Human Molecular Genetics</i> , 2002, 11, 1433-1438.	1.4	106
1177	Defects in homologous recombination repair in mismatch-repair-deficient tumour cell lines. <i>Human Molecular Genetics</i> , 2002, 11, 2189-2200.	1.4	67
1178	Genetic testing in hereditary non-polyposis colorectal cancer families with a MSH2, MLH1, or MSH6 mutation. <i>Journal of Medical Genetics</i> , 2002, 39, 833-837.	1.5	39
1179	Mismatch Repair Gene Mutations in Renal Cell Carcinoma. <i>Cancer Biology and Therapy</i> , 2002, 1, 530-536.	1.5	25
1180	DNA Repair and Tumorigenesis: Lessons from Hereditary Cancer Syndromes. <i>Cancer Biology and Therapy</i> , 2002, 1, 477-485.	1.5	101
1181	Role of tumor suppressor genes in the development of adult T cell leukemia/lymphoma (ATLL). <i>Leukemia</i> , 2002, 16, 1069-1085.	3.3	76
1183	Distinct Clinical Features and Outcomes of Gastric Cancers with Microsatellite Instability. <i>Modern Pathology</i> , 2002, 15, 632-640.	2.9	132

#	ARTICLE	IF	CITATIONS
1184	Pathogenicity of missense and splice site mutations in hMSH2 and hMLH1 mismatch repair genes: implications for genetic testing. <i>Gut</i> , 2002, 50, 405-412.	6.1	32
1185	Mismatch Repair Genes hMLH1 and hMSH2 and Colorectal Cancer: A HuGE Review. <i>American Journal of Epidemiology</i> , 2002, 156, 885-902.	1.6	128
1186	Phosphorylation of mismatch repair proteins MSH2 and MSH6 affecting MutSalphamismatch-binding activity. <i>Nucleic Acids Research</i> , 2002, 30, 1959-1966.	6.5	60
1187	Distinct PTEN mutational spectra in hereditary non-polyposis colon cancer syndrome-related endometrial carcinomas compared to sporadic microsatellite unstable tumors. <i>Human Molecular Genetics</i> , 2002, 11, 445-450.	1.4	61
1188	A Novel Germline Mutation of hMLH1 in a Patient with Hereditary Non-polyposis Colorectal Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2002, 32, 215-218.	0.6	1
1189	Molecular markers of heterogeneity in colorectal cancers and adenomas. <i>European Journal of Cancer Prevention</i> , 2002, 11, 85-97.	0.6	10
1190	Microsatellite instability and prostate cancer: clinical and pathological implications. <i>Current Opinion in Urology</i> , 2002, 12, 407-411.	0.9	11
1191	Building Bridges in Cancer. <i>American Journal of Dermatopathology</i> , 2002, 24, 76-81.	0.3	17
1192	Nijmegen breakage syndrome gene (NBS1) is not the tumor suppressor gene at 8q21.3 involved in colorectal carcinoma. <i>Oncology Reports</i> , 2002, 9, 709.	1.2	2
1193	Ig gene hypermutation: A mechanism is due. <i>Advances in Immunology</i> , 2002, 80, 183-202.	1.1	18
1194	5 Microsatellite instability in cancer. <i>Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas</i> , 2002, , 55-63.	0.0	0
1195	A Semiautomated Test for Microsatellite Instability and its Significance for the Prognosis of Sporadic Endometrial Cancer in Northern Norway. <i>International Journal of Gynecological Pathology</i> , 2002, 21, 27-33.	0.9	14
1196	E2F integrates cell cycle progression with DNA repair, replication, and G2/M checkpoints. <i>Genes and Development</i> , 2002, 16, 245-256.	2.7	1,002
1197	Historical and Current Highlights in Radiation Biology: Has Anything Important Been Learned by Irradiating Cells?. <i>Radiation Research</i> , 2002, 158, 251-291.	0.7	71
1198	Functional analysis of hMLH1 variants and HNPCC-related mutations using a human expression system. <i>Gastroenterology</i> , 2002, 122, 211-219.	0.6	179
1199	Emerging concepts in colorectal neoplasia. <i>Gastroenterology</i> , 2002, 123, 862-876.	0.6	444
1200	Searching for Alternative Phenotypes in Psychiatric Genetics. , 2003, 77, 145-162.		23
1202	The genetics of the target tissue in rheumatoid arthritis. <i>Rheumatic Disease Clinics of North America</i> , 2002, 28, 79-94.	0.8	3

#	ARTICLE	IF	CITATIONS
1203	Cellular and molecular biology of biliary tract cancers. <i>Surgical Oncology Clinics of North America</i> , 2002, 11, 995-1009.	0.6	81
1204	Microsatellite instability in diagnostic pathology. <i>Current Diagnostic Pathology</i> , 2002, 8, 318-327.	0.4	5
1205	c-Myc Can Induce DNA Damage, Increase Reactive Oxygen Species, and Mitigate p53 Function. <i>Molecular Cell</i> , 2002, 9, 1031-1044.	4.5	809
1206	Emerging pathways in colorectal-cancer development. <i>Lancet Oncology, The</i> , 2002, 3, 83-88.	5.1	139
1207	Determinants of resistance to 2-â€²,2-â€²-difluorodeoxycytidine (gemcitabine). <i>Drug Resistance Updates</i> , 2002, 5, 19-33.	6.5	297
1208	Distinction between familial and sporadic forms of colorectal cancer showing DNA microsatellite instability. <i>European Journal of Cancer</i> , 2002, 38, 858-866.	1.3	112
1209	DNA mismatch repair defects: role in colorectal carcinogenesis. <i>Biochimie</i> , 2002, 84, 27-47.	1.3	122
1210	Hereditary cancer: family history, diagnosis, molecular genetics, ecogenetics, and management strategies. <i>Biochimie</i> , 2002, 84, 3-17.	1.3	18
1211	Genetic insights into familial cancers â€“ update and recent discoveries. <i>Cancer Letters</i> , 2002, 181, 125-164.	3.2	75
1212	Molecular Aspects of Melanocytic Dysplastic Nevi. <i>Journal of Molecular Diagnostics</i> , 2002, 4, 71-80.	1.2	49
1213	Microsatellite instability in cancer: What problems remain unanswered?. <i>Surgery</i> , 2002, 131, S55-S62.	1.0	19
1214	The Role of Genomic Instabilities in Affecting Treatment Responses of Colorectal Cancer. <i>Digestive Diseases</i> , 2002, 20, 73-80.	0.8	1
1215	Mutation searching in colorectal cancer studies: experience with a denaturing high-pressure liquid chromatography system for exon-by-exon scanning of tumour suppressor genes. <i>Pathology</i> , 2002, 34, 529-533.	0.3	20
1216	A polymorphism in the hMSH2 gene (gIVS12-6T>C) associated with non-Hodgkin lymphomas. <i>Cancer Genetics and Cytogenetics</i> , 2002, 133, 29-33.	1.0	28
1217	Characterization of chromosomal aberrations in a case of glioblastoma multiforme combining cytogenetic and molecular cytogenetic techniques. <i>Cancer Genetics and Cytogenetics</i> , 2002, 138, 111-115.	1.0	5
1218	Tumor progression: a brief historical perspective. <i>Seminars in Cancer Biology</i> , 2002, 12, 261-266.	4.3	115
1219	Inflammation and the development of pancreatic cancer. <i>Surgical Oncology</i> , 2002, 10, 153-169.	0.8	288
1220	Cancer genetics. <i>American Journal of Medical Genetics Part A</i> , 2002, 111, 96-102.	2.4	172

#	ARTICLE	IF	CITATIONS
1221	Genetic profiling of colon cancer. <i>Journal of Surgical Oncology</i> , 2002, 80, 204-213.	0.8	21
1222	Hereditary non-polyposis colorectal cancer (HNPCC): phenotype-genotype correlation between patients with and without identified mutation. <i>Human Mutation</i> , 2002, 20, 20-27.	1.1	43
1223	Seven novel MLH1 and MSH2 germline mutations in hereditary nonpolyposis colorectal cancer. <i>Human Mutation</i> , 2002, 19, 82-82.	1.1	9
1224	Prevalence of germline mutations of MLH1 and MSH2 in hereditary nonpolyposis colorectal cancer families from Spain. <i>International Journal of Cancer</i> , 2002, 98, 774-779.	2.3	41
1225	Differential expression of the mismatch repair gene MSH2 in malignant prostate tissue is associated with cancer recurrence. <i>Cancer</i> , 2002, 94, 690-699.	2.0	53
1226	Evaluation of screening strategy for detecting hereditary nonpolyposis colorectal carcinoma. <i>Cancer</i> , 2002, 94, 911-920.	2.0	35
1227	Cyclical change of hMSH2 protein expression in normal endometrium during the menstrual cycle and its overexpression in endometrial hyperplasia and sporadic endometrial carcinoma. <i>Cancer</i> , 2002, 94, 997-1005.	2.0	24
1228	Antibody-based screening for hereditary nonpolyposis colorectal carcinoma compared with microsatellite analysis and sequencing. <i>Cancer</i> , 2002, 95, 2422-2430.	2.0	49
1229	A 10-Mb paracentric inversion of chromosome arm 2p inactivates MSH2 and is responsible for hereditary nonpolyposis colorectal cancer in a North-American kindred. <i>Genes Chromosomes and Cancer</i> , 2002, 35, 49-57.	1.5	57
1230	Densely methylated MLH1 promoter correlates with decreased mRNA expression in sporadic colorectal cancers. <i>Genes Chromosomes and Cancer</i> , 2002, 35, 1-10.	1.5	35
1231	hMLH1 and hMSH2 gene mutation in Brazilian families with suspected hereditary nonpolyposis colorectal cancer. <i>Annals of Surgical Oncology</i> , 2002, 9, 555-561.	0.7	28
1232	Structure and expression of the Zea mays mutS-homologs Mus1 and Mus2. <i>Theoretical and Applied Genetics</i> , 2002, 105, 423-430.	1.8	19
1233	HereditÄres Non-Polyposis kolorektales Karzinom (HNPCC). <i>Coloproctology</i> , 2002, 24, 1-13.	0.3	0
1234	Molekulare Diagnostik von malignen Erkrankungen. <i>Onkologe</i> , 2002, 8, 522-531.	0.7	0
1235	Impact of Gender and Parent of Origin on the Phenotypic Expression of Hereditary Nonpolyposis Colorectal Cancer in a Large Newfoundland Kindred With a Common MSH2 Mutation. <i>Diseases of the Colon and Rectum</i> , 2002, 45, 1223-1232.	0.7	48
1236	Down-Regulation of DOC-2 in Colorectal Cancer Points to Its Role as a Tumor Suppressor in This Malignancy. <i>Diseases of the Colon and Rectum</i> , 2002, 45, 1242-1248.	0.7	45
1237	Microsatellite instability in human melanocytic skin tumors: an incidental finding or a pathogenetic mechanism?. <i>Journal of Cutaneous Pathology</i> , 2002, 29, 1-4.	0.7	10
1238	Microsatellite instability in gonadal tumors of XY pure gonadal dysgenesis patients. <i>International Journal of Gynecological Cancer</i> , 2002, 12, 192-197.	1.2	3

#	ARTICLE	IF	CITATIONS
1239	Genetic testing and counselling for hereditary colorectal cancer. <i>Alimentary Pharmacology and Therapeutics</i> , 2002, 16, 1843-1857.	1.9	48
1240	Transcription factors and cancer: an overview. <i>Toxicology</i> , 2002, 181-182, 131-141.	2.0	70
1241	Does MSI-low exist?. <i>Journal of Pathology</i> , 2002, 197, 6-13.	2.1	95
1242	Strain-dependency of Chromosomal Abnormalities in Lymphomas Developed in $\frac{1}{4}$ -myc Transgenic Mice. <i>Japanese Journal of Cancer Research</i> , 2002, 93, 229-229.	1.7	2
1243	Gene expression differences between the microsatellite instability (MIN) and chromosomal instability (CIN) phenotypes in colorectal cancer revealed by high-density cDNA array hybridization. <i>Oncogene</i> , 2002, 21, 3253-3257.	2.6	115
1244	Human cells bearing homozygous mutations in the DNA mismatch repair genes hMLH1 or hMSH2 are fully proficient in transcription-coupled nucleotide excision repair. <i>Oncogene</i> , 2002, 21, 5743-5752.	2.6	27
1245	Is reduced expression of mismatch repair genes MLH1 and MSH2 in patients with sporadic colorectal cancer related to their prognosis?. <i>Clinical and Experimental Metastasis</i> , 2002, 19, 71-77.	1.7	18
1246	Chemoprevention of colon cancer: current status and future prospects. <i>Cancer and Metastasis Reviews</i> , 2002, 21, 323-348.	2.7	59
1247	Familial Pancreatic Cancer. <i>Familial Cancer</i> , 2002, 3, 69-74.	0.9	31
1248	Direct Analysis for Familial Adenomatous Polyposis Mutations. <i>Molecular Biotechnology</i> , 2002, 20, 197-208.	1.3	5
1249	The inframe MSH2 codon 596 deletion is linked with HNPCC and associated with lack of MSH2 protein in tumours. <i>Familial Cancer</i> , 2003, 2, 9-13.	0.9	6
1250	Characterization of the Low Molecular Weight Human Serum Proteome. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 1096-1103.	2.5	752
1251	hMLH1 and hMSH2 somatic inactivation mechanisms in sporadic colorectal cancer patients. <i>Pathology and Oncology Research</i> , 2003, 9, 236-241.	0.9	16
1252	Chemoprävention von kolorektalen Karzinomen mit nicht-steroidalen Antiphlogistika (NSAID). <i>Coloproctology</i> , 2003, 25, 295-300.	0.3	0
1254	Genetic classification of intestinal-type and diffuse-type gastric cancers based on chromosomal loss and microsatellite instability. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2003, 443, 491-500.	1.4	57
1255	Loss of expression of DNA repair enzymes MGMT, hMLH1, and hMSH2 during tumor progression in gastric cancer. <i>Gastric Cancer</i> , 2003, 6, 86-95.	2.7	37
1256	Colon Cancer in a 14-Year-Old Female With Turner Syndrome. <i>Diseases of the Colon and Rectum</i> , 2003, 46, 1560-1562.	0.7	7
1257	Molekularbiologie und Molekularpathologie des kolorektalen Karzinoms. <i>Onkologe</i> , 2003, 9, 807-818.	0.7	1

#	ARTICLE	IF	CITATIONS
1258	Rad50/SMC proteins and ABC transporters: unifying concepts from high-resolution structures. <i>Current Opinion in Structural Biology</i> , 2003, 13, 249-255.	2.6	193
1259	A636P is associated with early-onset colon cancer in Ashkenazi Jews. <i>Journal of the American College of Surgeons</i> , 2003, 196, 222-225.	0.2	26
1260	Genetische Diagnostik hereditärer Kolonkarzinome. <i>Genetic Diagnostics for Hereditary Colon Cancer. Laboratoriums Medizin</i> , 2003, 27, 114-121.	0.1	0
1261	Allelic imbalance at the DNA mismatch repair loci, hMSH2, hMLH1, hPMS1, hPMS2 and hMSH3, in squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2003, 39, 115-129.	0.8	34
1262	The interacting pathways for prevention and repair of oxidative DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 531, 231-251.	0.4	458
1263	Three new mutations in hereditary nonpolyposis colorectal cancer (Lynch syndrome II) in Uruguay. <i>Cancer Genetics and Cytogenetics</i> , 2003, 142, 13-20.	1.0	12
1264	Mutation frequency analysis of mononucleotide and dinucleotide repeats after oxidative stress. <i>Environmental and Molecular Mutagenesis</i> , 2003, 42, 75-84.	0.9	13
1265	Xq27-28 deletions in prostate carcinoma. <i>Genes Chromosomes and Cancer</i> , 2003, 37, 381-388.	1.5	14
1266	Frequency of loss of hMLH1 expression in colorectal carcinoma increases with advancing age. <i>Cancer</i> , 2003, 97, 1421-1427.	2.0	98
1267	Reduced expression of hMSH2 protein is correlated to poor survival for soft tissue sarcoma patients. <i>Cancer</i> , 2003, 97, 2273-2278.	2.0	21
1269	Identification of six novel MSH2 and MLH1 germline mutations in HNPCC. <i>Human Mutation</i> , 2003, 21, 445-446.	1.1	16
1270	Current status of the molecular genetics of human prostatic adenocarcinomas. <i>International Journal of Cancer</i> , 2003, 103, 285-293.	2.3	67
1271	Combined loss of expression of O6-methylguanine-DNA methyltransferase and hMLH1 accelerates progression of hepatocellular carcinoma. <i>Journal of Surgical Oncology</i> , 2003, 82, 194-200.	0.8	20
1272	Molecular dimensions of gastrointestinal tumors: Some thoughts for digestion. <i>American Journal of Medical Genetics Part A</i> , 2003, 122A, 303-314.	2.4	19
1273	Hereditary nonpolyposis colorectal cancer and related conditions. <i>American Journal of Medical Genetics Part A</i> , 2003, 122A, 325-334.	2.4	70
1274	Chemie und Biologie der DNA-Reparatur. <i>Angewandte Chemie</i> , 2003, 115, 3052-3082.	1.6	36
1275	Chemistry and Biology of DNA Repair. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2946-2974.	7.2	343
1276	Mechanisms of human DNA repair: an update. <i>Toxicology</i> , 2003, 193, 3-34.	2.0	486

#	ARTICLE	IF	CITATIONS
1277	Low mutation rate of hMSH2 and hMLH1 in Taiwanese hereditary non-polyposis colorectal cancer. <i>Clinical Genetics</i> , 2003, 64, 243-251.	1.0	9
1278	Frequency of Microsatellite Instability in Unselected Sebaceous Gland Neoplasias and Hyperplasias. <i>Journal of Investigative Dermatology</i> , 2003, 120, 858-864.	0.3	82
1279	Cytogenetics and the surgeon: an invaluable tool in diagnosis, prognosis and counselling of patients with solid tumours. <i>British Journal of Surgery</i> , 2003, 85, 725-734.	0.1	2
1280	Metachronous colorectal cancers. <i>British Journal of Surgery</i> , 2003, 85, 897-901.	0.1	52
1281	Assessment of microsatellite instability in bladder and thyroid malignancies. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 255-265.	0.8	8
1282	The eternal molecule. <i>Nature</i> , 2003, 421, 396-396.	13.7	17
1283	DNA damage and repair. <i>Nature</i> , 2003, 421, 436-440.	13.7	842
1284	Methylation of the hMLH1 promoter and its association with microsatellite instability in acute myeloid leukemia. <i>Leukemia</i> , 2003, 17, 83-88.	3.3	57
1285	Microsatellite instability and hMLH1 promoter hypermethylation in Richter's transformation of chronic lymphocytic leukemia. <i>Leukemia</i> , 2003, 17, 411-415.	3.3	44
1286	Frequent hypermethylation of MLH1 promoter in normal endometrium of patients with endometrial cancers. <i>Oncogene</i> , 2003, 22, 2352-2360.	2.6	83
1287	DNA Mismatch Repair Genes in Renal Cell Carcinoma. <i>Journal of Urology</i> , 2003, 169, 2365-2371.	0.2	30
1288	DNA damage and repair system in spinal cord ischemia. <i>Journal of Vascular Surgery</i> , 2003, 37, 847-858.	0.6	34
1289	DOES THE IMMUNE SYSTEM SEE TUMORS AS FOREIGN OR SELF?. <i>Annual Review of Immunology</i> , 2003, 21, 807-839.	9.5	688
1290	Isolation and Culture of Colon Cancer Cell Lines. , 2004, 88, 79-92.		6
1291	Lynch Syndrome: Implications for the Surgeon. <i>Clinical Colorectal Cancer</i> , 2003, 3, 92-98.	1.0	18
1292	Diagnosis and Management of Hereditary Non-Polyposis Colon Cancer. <i>Gastrointestinal Endoscopy</i> , 2003, 58, 390-408.	0.5	28
1293	Identification of genes that protect the <i>C. elegans</i> genome against mutations by genome-wide RNAi. <i>Genes and Development</i> , 2003, 17, 443-448.	2.7	196
1294	Multiple mutations and cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 776-781.	3.3	657

#	ARTICLE	IF	CITATIONS
1295	Proportion and Phenotype of MYH-Associated Colorectal Neoplasia in a Population-Based Series of Finnish Colorectal Cancer Patients. <i>American Journal of Pathology</i> , 2003, 163, 827-832.	1.9	129
1296	Conventional and Tissue Microarray Immunohistochemical Expression Analysis of Mismatch Repair in Hereditary Colorectal Tumors. <i>American Journal of Pathology</i> , 2003, 162, 469-477.	1.9	159
1297	Murine models of colorectal cancer: studying the role of oncogenic K- ras. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 495-506.	2.4	8
1298	Single cell tracking reveals that Msh2 is a key component of an early-acting DNA damage-activated G2 checkpoint. <i>Oncogene</i> , 2003, 22, 7642-7648.	2.6	26
1299	Possible association between tumor-suppressor gene mutations and hMSH2/hMLH1 inactivation in alveolar soft part sarcoma. <i>Human Pathology</i> , 2003, 34, 841-849.	1.1	30
1300	Multiple sites required for expression in 5' flanking region of the hMLH1 gene. <i>Gene</i> , 2003, 306, 57-65.	1.0	29
1301	Molecular Analysis of Hereditary Nonpolyposis Colorectal Cancer in the United States: High Mutation Detection Rate among Clinically Selected Families and Characterization of an American Founder Genomic Deletion of the MSH2 Gene. <i>American Journal of Human Genetics</i> , 2003, 72, 1088-1100.	2.6	195
1302	Tumor Microsatellite-Instability Status as a Predictor of Benefit from Fluorouracil-Based Adjuvant Chemotherapy for Colon Cancer. <i>New England Journal of Medicine</i> , 2003, 349, 247-257.	13.9	1,962
1303	Microarrays Assembled in Microfluidic Chips Fabricated from Poly(methyl methacrylate) for the Detection of Low-Abundant DNA Mutations. <i>Analytical Chemistry</i> , 2003, 75, 1130-1140.	3.2	145
1305	DNA Ploidy and Markovian Analysis of Neoplastic Progression in Experimental Pancreatic Cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 303-309.	1.3	17
1306	Endometrial cancer: experimental models useful for studies on molecular aspects of endometrial cancer and carcinogenesis.. <i>Endocrine-Related Cancer</i> , 2003, 10, 23-42.	1.6	64
1307	Genetische Diagnostik hereditärer Kolonkarzinome/Genetic Diagnostics for Hereditary Colon Cancer. <i>Laboratoriums Medizin</i> , 2003, 27, 114-121.	0.1	0
1308	Safety issues in assisted reproduction technology: From theory to reality-just what are the data telling us about ICSI offspring health and future fertility and should we be concerned?. <i>Human Reproduction</i> , 2003, 18, 925-931.	0.4	44
1309	Rambling and Scrambling in Bacterial Transformation" a Historical and Personal Memoir. <i>Journal of Bacteriology</i> , 2003, 185, 1-6.	1.0	10
1310	Reconstructing tumor genome architectures. <i>Bioinformatics</i> , 2003, 19, ii162-ii171.	1.8	58
1311	Microsatellite instability mutator phenotype in hepatocellular carcinoma in non-alcoholic and non-virally infected normal livers. <i>Carcinogenesis</i> , 2003, 25, 541-547.	1.3	44
1312	Cancer Genetics Service Provision: A Comparison of Seven European Centres. <i>Public Health Genomics</i> , 2003, 6, 192-205.	0.6	18
1313	Analysis of the Polymorphism [gIVS12-6T%«C] in the hMSH2 Gene in Lymphoma and Leukemia. <i>Leukemia and Lymphoma</i> , 2003, 44, 505-508.	0.6	12

#	ARTICLE	IF	CITATIONS
1315	Multiple Primary Cancer, Including Transitional Cell Carcinoma of the Upper Uroepithelial Tract in a Multigeneration Hnpcc Family: Molecular Genetic, Diagnostic, and Management Implications. American Journal of Gastroenterology, 2003, 98, 664-670.	0.2	15
1316	MSH2 and ATR form a signaling module and regulate two branches of the damage response to DNA methylation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15387-15392.	3.3	163
1318	A novel case with germline p53 gene mutation having concurrent multiple primary colon tumours. Gut, 2003, 52, 304-306.	6.1	13
1319	Microsatellite Instability and Suppressed DNA Repair Enzyme Expression in Rheumatoid Arthritis. Journal of Immunology, 2003, 170, 2214-2220.	0.4	91
1320	Hydrolytically Deficient MutS E694A Is Defective in the MutL-dependent Activation of MutH and in the Mismatch-dependent Assembly of the MutS · MutL · Heteroduplex Complex. Journal of Biological Chemistry, 2003, 278, 49505-49511.	1.6	19
1321	Genomics in Colorectal Cancer: Godsend or Gimmick?. Scandinavian Journal of Gastroenterology, 2003, 38, 26-29.	0.6	1
1322	Alterations in PMS2, MSH2 and MLH1 expression in human prostate cancer. International Journal of Oncology, 2003, 22, 1033.	1.4	17
1323	Genetic Counseling and Testing in Families With Hereditary Nonpolyposis Colorectal Cancer. Archives of Internal Medicine, 2003, 163, 573.	4.3	139
1324	Microsatellite instability in gastric cancer is closely associated with hMLH1 hypermethylation at the proximal region of the promoter. International Journal of Molecular Medicine, 2003, 12, 603.	1.8	1
1325	Determination of Cancer Allelotype. , 2003, 222, 295-307.		1
1326	Role of Tumor Suppressors in DNA Damage Response. , 2003, 223, 39-50.		1
1327	Variation in the extent of microsatellite instability in human cell lines with defects in different mismatch repair genes. Mutagenesis, 2003, 18, 277-282.	1.0	23
1328	Yeast, Flies, Worms, and Fish in the Study of Human Disease. New England Journal of Medicine, 2003, 348, 2457-2463.	13.9	35
1329	Inadequate "Caretaker" Gene Function and Human Cancer Development. , 2003, 222, 249-268.		5
1330	Detection of Mismatch Repair Gene Expression in Urologic Malignancies. , 2003, 222, 491-499.		0
1331	Chordoma of the skull base: predictors of tumor recurrence. Journal of Neurosurgery, 2003, 98, 812-822.	0.9	95
1332	Oncogenic pathway of sporadic colorectal cancer with novel germline missense mutations in the hMSH2 gene. Oncology Reports, 2003, 10, 859.	1.2	5
1333	Human mismatch-repair protein MutL homologue 1 (MLH1) interacts with Escherichia coli MutL and MutS in vivo and in vitro: a simple genetic system to assay MLH1 function. Biochemical Journal, 2003, 371, 183-189.	1.7	11

#	ARTICLE	IF	CITATIONS
1334	Instability of microsatellites is an infrequent event in uveal melanoma. <i>Melanoma Research</i> , 2003, 13, 435-440.	0.6	16
1335	A Comparison Between Denaturing Gradient Gel Electrophoresis and Denaturing High Performance Liquid Chromatography in Detecting Mutations in Genes Associated with Hereditary Non-Polyposis Colorectal Cancer (HNPCC) and the Identification of 9 New Mutations Previously Unidentified by DGGE. <i>Hereditary Cancer in Clinical Practice</i> , 2003, 1, 39.	0.6	1
1336	HNPCC (Lynch Syndrome): Differential Diagnosis, Molecular Genetics and Management - a Review. <i>Hereditary Cancer in Clinical Practice</i> , 2003, 1, 7.	0.6	19
1337	Repopulating defect of mismatch repair-deficient hematopoietic stem cells. <i>Blood</i> , 2003, 102, 1626-1633.	0.6	87
1338	DNA mismatch repair and cancer. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d997-1017.	3.0	66
1341	MSI-Testing in Hereditary Non-Polyposis Colorectal Carcinoma (HNPCC). <i>Disease Markers</i> , 2004, 20, 225-236.	0.6	10
1342	The Promise of Biomarkers in Colorectal Cancer Detection. <i>Disease Markers</i> , 2004, 20, 87-96.	0.6	11
1343	Lynch Syndrome: History and Current Status. <i>Disease Markers</i> , 2004, 20, 181-198.	0.6	49
1344	Quasimonomorphic Mononucleotide Repeats for High-Level Microsatellite Instability Analysis. <i>Disease Markers</i> , 2004, 20, 251-257.	0.6	146
1345	Development of a Fluorescent Multiplex Assay for Detection of MSI-High Tumors. <i>Disease Markers</i> , 2004, 20, 237-250.	0.6	234
1347	Frequent Loss of Heterozygosity but Rare Microsatellite Instability in Oesophageal Cancer in Japanese and Chinese Patients. <i>Oncology</i> , 2004, 67, 151-158.	0.9	14
1348	Mismatch repair protein hMSH2 in primary drug resistance in in vitro human malignant gliomas. <i>Journal of Neurosurgery</i> , 2004, 101, 653-658.	0.9	20
1349	Microsatellite Instability: Theory and Methods. , 2004, 97, 237-250.		2
1350	Differential Specificities and Simultaneous Occupancy of Human MutS± Nucleotide Binding Sites. <i>Journal of Biological Chemistry</i> , 2004, 279, 28402-28410.	1.6	47
1351	Tumor regionality in the mouse intestine reflects the mechanism of loss of Apc function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9769-9773.	3.3	69
1352	Extended Microsatellite Analysis in Microsatellite Stable, MSH2 and MLH1 Mutation-Negative HNPCC Patients: Genetic Reclassification and Correlation with Clinical Features. <i>Digestion</i> , 2004, 69, 166-176.	1.2	32
1353	The Correlation of Microsatellite Instability and Tumor-infiltrating Lymphocytes in Hereditary Non-polyposis Colorectal Cancer (HNPCC) and Sporadic Colorectal Cancers: the Significance of Different Types of Lymphocyte Infiltration. <i>Japanese Journal of Clinical Oncology</i> , 2004, 34, 90-98.	0.6	55
1354	Characterization of Pathogenic Human MSH2 Missense Mutations Using Yeast as a Model System: A Laboratory Course in Molecular Biology. <i>CBE: Life Sciences Education</i> , 2004, 3, 31-48.	0.7	12

#	ARTICLE	IF	CITATIONS
1355	Proteolysis of the Mismatch Repair Protein MLH1 by Caspase-3 Promotes DNA Damage-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 27542-27548.	1.6	30
1357	p53 Polymorphism and Age of Onset of Hereditary Nonpolyposis Colorectal Cancer in a Caucasian Population. <i>Clinical Cancer Research</i> , 2004, 10, 5845-5849.	3.2	97
1358	The mutator pathway is a feature of immunodeficiency-related lymphomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5002-5007.	3.3	68
1359	Differential Expression Patterns of the Insulin-Like Growth Factor 2 Gene in Human Colorectal Cancer. <i>Tumor Biology</i> , 2004, 25, 62-68.	0.8	21
1360	Mismatch repair gene expression and genetic instability in testicular germ cell tumor. <i>Cancer Biology and Therapy</i> , 2004, 3, 977-982.	1.5	50
1361	Hereditary Nonpolyposis Colorectal Cancer. , 2004, , 166-188.		0
1362	Colorectal cancer as a complex disease: defining at-risk subjects in the general population – a preventive strategy. <i>Expert Review of Anticancer Therapy</i> , 2004, 4, 377-385.	1.1	6
1364	Molecular Differences between Sporadic Serrated and Conventional Colorectal Adenomas. <i>Clinical Cancer Research</i> , 2004, 10, 3082-3090.	3.2	74
1365	A role for p300/CREB binding protein genes in promoting cancer progression in colon cancer cell lines with microsatellite instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1273-1278.	3.3	98
1366	A subgroup of microsatellite stable colorectal cancers has elevated mutation rates and different responses to alkylating and oxidising agents. <i>British Journal of Cancer</i> , 2004, 90, 1666-1671.	2.9	2
1367	Short-patch correction of C/C mismatches in human cells. <i>Nucleic Acids Research</i> , 2004, 32, 6696-6705.	6.5	8
1368	Hereditary non-polyposis colorectal cancer and the role of hPMS2 and hEXO1 mutations. <i>Clinical Genetics</i> , 2004, 65, 215-225.	1.0	49
1369	Psychological impact of genetic testing for hereditary non-polyposis colorectal cancer. <i>Clinical Genetics</i> , 2004, 66, 502-511.	1.0	78
1370	Molecular differences between RER+ and RER- sporadic endometrial carcinomas in a large population-based series. <i>International Journal of Gynecological Cancer</i> , 2004, 14, 957-965.	1.2	31
1371	Testing guidelines for hereditary non-polyposis colorectal cancer. <i>Nature Reviews Cancer</i> , 2004, 4, 153-158.	12.8	164
1372	A census of human cancer genes. <i>Nature Reviews Cancer</i> , 2004, 4, 177-183.	12.8	2,868
1373	Mismatch repair genes identified using genetic screens in Blm-deficient embryonic stem cells. <i>Nature</i> , 2004, 429, 891-895.	13.7	144
1374	Molecular biology of prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2004, 7, 6-20.	2.0	38

#	ARTICLE	IF	CITATIONS
1375	Novel germline hMSH2 genomic deletion and somatic hMSH2 mutations in a hereditary nonpolyposis colorectal cancer family. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 548, 19-25.	0.4	4
1376	Cancer-associated genes can affect somatic intrachromosomal recombination early in carcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 550, 1-10.	0.4	11
1377	Spontaneous multiple mutations show both proximal spacing consistent with chronocoordinate events and alterations with p53-deficiency. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 554, 223-240.	0.4	23
1378	Meiotic Recombination: Sealing the Partnership at the Junction. <i>Current Biology</i> , 2004, 14, R962-R964.	1.8	15
1379	High frequency of genomic instability in Ewing family of tumors. <i>Cancer Genetics and Cytogenetics</i> , 2004, 150, 50-56.	1.0	24
1380	Cytogenetic and molecular cytogenetic analyses in diffuse astrocytomas. <i>Cancer Genetics and Cytogenetics</i> , 2004, 153, 32-38.	1.0	8
1381	Multiple epithelial and nonepithelial tumors in hereditary nonpolyposis colorectal cancer: characterization of germline and somatic mutations of the MSH2 gene and heterogeneity of replication error phenotypes. <i>Cancer Genetics and Cytogenetics</i> , 2004, 153, 108-114.	1.0	17
1382	Genome signatures of colon carcinoma cell lines. <i>Cancer Genetics and Cytogenetics</i> , 2004, 155, 119-131.	1.0	58
1384	Increased hMSH2 Protein Expression in Glioblastoma Multiforme. <i>Journal of Neuro-Oncology</i> , 2004, 66, 51-57.	1.4	21
1385	Effect of Vitamin E on Gene Expression Changes in Diet-Related Carcinogenesis. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 169-183.	1.8	18
1386	A large MSH2 Alu insertion mutation causes HNPCC in a German kindred. <i>Human Genetics</i> , 2004, 115, 432-438.	1.8	32
1387	A historical perspective on familial cancer: results and vision of the Polyposis Center Project. <i>International Journal of Clinical Oncology</i> , 2004, 9, 215-231.	1.0	1
1388	Mechanism of carcinogenesis in familial tumors. <i>International Journal of Clinical Oncology</i> , 2004, 9, 232-245.	1.0	18
1389	Construction of heteroduplex DNA and in vitro model for functional analysis of mismatch repair. <i>Science Bulletin</i> , 2004, 49, 33-38.	1.7	0
1390	A636P testing in Ashkenazi Jews. <i>Familial Cancer</i> , 2004, 3, 223-227.	0.9	7
1393	Molekulare Grundmechanismen in der Onkogenese. <i>Der Gynakologe</i> , 2004, 37, 196-202.	1.0	0
1394	Inherited predisposition to cancer: A historical overview. <i>American Journal of Medical Genetics Part A</i> , 2004, 129C, 5-22.	2.4	44
1395	Role of DNA mismatch repair in apoptotic responses to therapeutic agents. <i>Environmental and Molecular Mutagenesis</i> , 2004, 44, 249-264.	0.9	52

#	ARTICLE	IF	CITATIONS
1396	Role of inherited defects of MYH in the development of sporadic colorectal cancer. <i>Genes Chromosomes and Cancer</i> , 2004, 40, 1-9.	1.5	82
1397	Ten novel MSH2 and MLH1 germline mutations in families with HNPCC. <i>Human Mutation</i> , 2004, 24, 351-352.	1.1	10
1398	Mutations of BRAF are associated with extensive MLH1 promoter methylation in sporadic colorectal carcinomas. <i>International Journal of Cancer</i> , 2004, 108, 237-242.	2.3	128
1399	Mutation analysis of the MLH1, MSH2 and MSH6 genes in patients with double primary cancers of the colorectum and the endometrium: A population-based study in northern Sweden. <i>International Journal of Cancer</i> , 2004, 109, 370-376.	2.3	34
1400	Definition of candidate low risk APC alleles in a Swedish population. <i>International Journal of Cancer</i> , 2004, 110, 550-557.	2.3	29
1401	Mutation frequencies in murine keratinocytes as a function of carcinogenic status. <i>Molecular Carcinogenesis</i> , 2004, 40, 122-133.	1.3	11
1402	Hereditary non-polyposis colorectal cancer: identification of mutation carriers and assessing pathogenicity of mutations. <i>Scandinavian Journal of Gastroenterology</i> , 2004, 39, 70-77.	0.6	5
1403	Extensive but hemiallelic methylation of the hMLH1 promoter region in early-onset sporadic colon cancers with microsatellite instability. <i>Clinical Gastroenterology and Hepatology</i> , 2004, 2, 147-156.	2.4	103
1404	Estimating mutant microsatellite allele frequencies in somatic cells by small-pool PCR. <i>Genomics</i> , 2004, , .	1.3	0
1405	Cancer risk in hereditary nonpolyposis colorectal cancer due to MSH6 mutations: impact on counseling and surveillance. <i>Gastroenterology</i> , 2004, 127, 17-25.	0.6	536
1406	Understanding familial colorectal cancer – finding the corner pieces and filling in the center of the puzzle. <i>Gastroenterology</i> , 2004, 127, 334-338.	0.6	7
1407	Genetic Alterations in Locally Advanced Stage II/III Colon Cancer: A Search for Prognostic Markers. <i>Clinical Colorectal Cancer</i> , 2004, 4, 252-259.	1.0	31
1408	Mutation Analysis of hMSH2 and hMLH1 in Colorectal Cancer Patients in India. <i>Genetic Testing and Molecular Biomarkers</i> , 2004, 8, 157-162.	1.7	16
1409	Challenges and Pitfalls in HNPCC Screening by Microsatellite Analysis and Immunohistochemistry. <i>Journal of Molecular Diagnostics</i> , 2004, 6, 308-315.	1.2	50
1410	Characterization of palindromic loop mismatch repair tracts in mammalian cells. <i>DNA Repair</i> , 2004, 3, 421-428.	1.3	3
1411	Both BRAF and KRAS mutations are rare in colorectal carcinomas from patients with hereditary nonpolyposis colorectal cancer. <i>Cancer Letters</i> , 2004, 211, 105-109.	3.2	24
1412	Estimating mutant microsatellite allele frequencies in somatic cells by small-pool PCR. <i>Genomics</i> , 2004, 84, 419-430.	1.3	28
1413	Principles of Tumor Suppression. <i>Cell</i> , 2004, 116, 235-246.	13.5	850

#	ARTICLE	IF	CITATIONS
1414	Penetrance and Expressivity of MSH6 Germline Mutations in Seven Kindreds Not Ascertained by Family History. <i>American Journal of Human Genetics</i> , 2004, 74, 1262-1269.	2.6	61
1415	Molecular Analysis of Endometrial Hyperplasia in HNPCC-suspicious Patients May Predict Progression to Endometrial Carcinoma. <i>International Journal of Gynecological Pathology</i> , 2004, 23, 18-25.	0.9	21
1416	An Immunogenic Process Leading to Cancer in the Context of Immunodeficiency. <i>Cell Cycle</i> , 2004, 3, 1128-1130.	1.3	0
1417	Mutagenesis, Mutations, and Dna Repair. , 2004, , 523-570.		0
1418	A variant form of hMTH1, a human homologue of the E coli mutT gene, correlates with somatic mutation in the p53 tumour suppressor gene in gastric cancer patients. <i>Journal of Medical Genetics</i> , 2004, 41, e57-e57.	1.5	19
1419	Gynecologic Cancer as a "Sentinel Cancer" for Women With Hereditary Nonpolyposis Colorectal Cancer Syndrome. <i>Obstetrics and Gynecology</i> , 2005, 105, 569-574.	1.2	329
1420	Deletion Mutations in an Australian Series of HNPCC Patients. <i>Hereditary Cancer in Clinical Practice</i> , 2005, 3, 43.	0.6	2
1421	Microsatellite Instability in Gastrointestinal Tract Cancers: A Brief Update. <i>Surgery Today</i> , 2005, 35, 1005-1015.	0.7	26
1422	Frequency of hereditary non-polyposis colorectal cancer among Uruguayan patients with colorectal cancer. <i>Clinical Genetics</i> , 2005, 68, 80-87.	1.0	15
1423	Bcl-2 expression suppresses mismatch repair activity through inhibition of E2F transcriptional activity. <i>Nature Cell Biology</i> , 2005, 7, 137-147.	4.6	71
1424	Significance of mutations in TGFBR2 and BAX in neoplastic progression and patient outcome in sporadic colorectal tumors with high-frequency microsatellite instability. <i>Cancer Genetics and Cytogenetics</i> , 2005, 157, 18-24.	1.0	25
1425	The kinetochore and cancer: what's the connection?. <i>Current Opinion in Cell Biology</i> , 2005, 17, 576-582.	2.6	106
1426	Genetics of hereditary colorectal cancer. <i>Seminars in Oncology</i> , 2005, 32, 11-23.	0.8	44
1427	Value of microsatellite instability typing in detecting hereditary non-polyposis colorectal cancer. <i>Gastroenterologie Clinique Et Biologique</i> , 2005, 29, 667-675.	0.9	11
1429	Microsatellite instability (MSI) increases with age in normal somatic cells. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 1051-1059.	2.2	47
1430	Using robots to find needles. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 1046-1050.	2.2	1
1431	Nucleotide excision repair- and p53-deficient mouse models in cancer research. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 574, 3-21.	0.4	25
1432	Somatic evolution of cancer cells. <i>Seminars in Cancer Biology</i> , 2005, 15, 436-450.	4.3	40

#	ARTICLE	IF	CITATIONS
1433	Genetic instability in cancer: Theory and experiment. <i>Seminars in Cancer Biology</i> , 2005, 15, 423-435.	4.3	116
1434	Molecular Epidemiology of Cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2005, 55, 45-54.	157.7	91
1435	Hereditary Colorectal Cancer-Part II. <i>Current Problems in Surgery</i> , 2005, 42, 267-333.	0.6	31
1436	Molecular characterization of the spectrum of genomic deletions in the mismatch repair genes MSH2, MLH1, MSH6, and PMS2 responsible for hereditary nonpolyposis colorectal cancer (HNPCC). <i>Genes Chromosomes and Cancer</i> , 2005, 44, 123-138.	1.5	112
1437	Mononucleotide repeats BAT-26 and BAT-25 accurately detect MSI-H tumors and predict tumor content: Implications for population screening. <i>International Journal of Cancer</i> , 2005, 113, 446-450.	2.3	47
1438	Preoperative genetic diagnosis of gastric carcinoma based on chromosomal loss and microsatellite instability. <i>International Journal of Cancer</i> , 2005, 113, 249-258.	2.3	9
1439	BRAF mutations in colorectal carcinoma suggest two entities of microsatellite-unstable tumors. <i>Cancer</i> , 2005, 104, 952-961.	2.0	67
1440	Five genes from chromosomal band 8p22 are significantly down-regulated in ovarian carcinoma. <i>Cancer</i> , 2005, 104, 2417-2429.	2.0	105
1441	Genetic susceptibility to colorectal cancer in patients under 45 years of age. <i>British Journal of Surgery</i> , 2005, 81, 1485-1489.	0.1	32
1442	Clinical impact of colonoscopic screening in first-degree relatives of patients with hereditary non-polyposis colorectal cancer. <i>British Journal of Surgery</i> , 2005, 82, 1338-1340.	0.1	12
1443	Molecular genetic basis of colorectal cancer susceptibility. <i>British Journal of Surgery</i> , 2005, 83, 321-329.	0.1	34
1444	Genetic instability in patients with metachronous colorectal cancers. <i>British Journal of Surgery</i> , 2005, 84, 996-1000.	0.1	35
1445	Reduced expression of human mismatch repair genes in adult T-cell leukemia. <i>American Journal of Hematology</i> , 2005, 78, 100-107.	2.0	46
1446	Allelic loss of 14q32 in the pathogenesis of gastrointestinal and ampullary malignancies: mapping of the target region to a 17 $\frac{1}{2}$ cM interval. <i>Journal of Cancer Research and Clinical Oncology</i> , 2005, 131, 94-100.	1.2	9
1447	Pediatric Renal Cell Carcinomas with Xp11.2 Rearrangements are Immunoreactive for hMLH1 and hMSH2 Proteins. <i>Pediatric and Developmental Pathology</i> , 2005, 8, 615-620.	0.5	10
1448	Lynch syndrome (hereditary non-polyposis colorectal cancer): Current concepts and approaches to management. <i>Current Gastroenterology Reports</i> , 2005, 7, 412-420.	1.1	13
1449	Evaluating the Impact of Genetic Counseling and Testing with Signal Detection Methods. <i>Journal of Genetic Counseling</i> , 2005, 14, 17-27.	0.9	5
1450	Hereditary Nonpolyposis Colorectal Cancer (Lynch Syndrome): Criteria for Identification and Management. <i>Digestive Diseases and Sciences</i> , 2005, 50, 336-344.	1.1	23

#	ARTICLE	IF	CITATIONS
1451	Use of Microsatellite Instability and Immunohistochemistry Testing for the Identification of Individuals at Risk for Lynch Syndrome. <i>Familial Cancer</i> , 2005, 4, 255-265.	0.9	109
1452	Evolution of the Nomenclature for the Hereditary Colorectal Cancer Syndromes. <i>Familial Cancer</i> , 2005, 4, 211-218.	0.9	118
1453	Lynch Syndrome Genes. <i>Familial Cancer</i> , 2005, 4, 227-232.	0.9	219
1454	Long Term Follow-up of HNPCC Gene Mutation Carriers: Compliance with Screening and Satisfaction with Counseling and Screening Procedures. <i>Familial Cancer</i> , 2005, 4, 295-300.	0.9	79
1455	Immunohistochemistry Identifies Carriers of Mismatch Repair Gene Defects Causing Hereditary Nonpolyposis Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2005, 23, 4705-4712.	0.8	35
1456	At the Precarious Cusp of Oncogenomics. , 2005, , 1-13.		0
1457	The molecular pathology of inflammatory bowel disease-associated neoplasia and preneoplasia. , 2003, , 711-718.		0
1458	Novel PMS1 Alleles Preferentially Affect the Repair of Primer Strand Loops during DNA Replication. <i>Molecular and Cellular Biology</i> , 2005, 25, 9221-9231.	1.1	17
1459	Isolated Loss of PMS2 Expression in Colorectal Cancers: Frequency, Patient Age, and Familial Aggregation. <i>Clinical Cancer Research</i> , 2005, 11, 6466-6471.	3.2	54
1460	Women With Synchronous Primary Cancers of the Endometrium and Ovary: Do They Have Lynch Syndrome?. <i>Journal of Clinical Oncology</i> , 2005, 23, 9344-9350.	0.8	100
1461	The role of eosinophils in inflammatory bowel disease. <i>Gut</i> , 2005, 54, 1674-1675.	6.1	71
1462	Low Microsatellite Instability Is Associated With Poor Prognosis in Stage C Colon Cancer. <i>Journal of Clinical Oncology</i> , 2005, 23, 2318-2324.	0.8	109
1463	Tumor suppressor genetics. <i>Carcinogenesis</i> , 2005, 26, 2031-2045.	1.3	143
1464	Renaming cytokines: MCP-1, Major Chemokine in Pancreatitis. <i>Gut</i> , 2005, 54, 1679-1681.	6.1	26
1465	High Frequency of Hereditary Colorectal Cancer in Newfoundland Likely Involves Novel Susceptibility Genes. <i>Clinical Cancer Research</i> , 2005, 11, 6853-6861.	3.2	46
1466	Mutations in Two Short Noncoding Mononucleotide Repeats in Most Microsatellite-Unstable Colorectal Cancers. <i>Cancer Research</i> , 2005, 65, 4607-4613.	0.4	16
1467	Progress in Genetic Testing, Classification, and Identification of Lynch Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 2028.	3.8	50
1468	Differential Features of Colorectal Cancers Fulfilling Amsterdam Criteria without Involvement of the Mutator Pathway. <i>Clinical Cancer Research</i> , 2005, 11, 7304-7310.	3.2	119

#	ARTICLE	IF	CITATIONS
1469	Detecting Mismatch Repair Defects in Myeloma. , 2005, 113, 269-278.		3
1470	Epidemiology informing clinical practice: from bills of mortality to population laboratories. <i>Nature Clinical Practice Oncology</i> , 2005, 2, 625-634.	4.3	21
1471	Low Rate of Microsatellite Instability in Young Patients with Adenomas: Reassessing the Bethesda Guidelines. <i>American Journal of Gastroenterology</i> , 2005, 100, 1143-1149.	0.2	47
1472	The DNA mismatch repair gene hMSH2 is a potent coactivator of oestrogen receptor $\hat{\pm}$. <i>British Journal of Cancer</i> , 2005, 92, 2286-2291.	2.9	37
1473	Mechanism-derived gene expression signatures and predictive biomarkers in clinical oncology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3531-3532.	3.3	26
1474	Mutants with Temperature-Sensitive Defects in the Escherichia coli Mismatch Repair System: Sensitivity to Mispairs Generated In Vivo. <i>Journal of Bacteriology</i> , 2005, 187, 840-846.	1.0	11
1475	Genetic basis of variation in adenoma multiplicity in ApcMin/+ Mom1S mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2868-2873.	3.3	43
1476	Negative Clonal Selection in Tumor Evolution. <i>Genetics</i> , 2005, 171, 2123-2131.	1.2	44
1477	Psychological Impact of Genetic Testing for Hereditary Nonpolyposis Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2005, 23, 1902-1910.	0.8	121
1478	Expression of DNA polymerase $\hat{\Delta}$ cancer-associated variants in mouse cells results in cellular transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14350-14355.	3.3	110
1479	Screening for genomic fragments that are methylated specifically in colorectal carcinoma with a methylated MLH1 promoter. <i>Carcinogenesis</i> , 2005, 26, 2078-2085.	1.3	18
1480	Capsule pH monitoring: is wireless more?. <i>Gut</i> , 2005, 54, 1672-1681.	6.1	4
1482	Association of Mismatch Repair Deficiency WithPTENFrameshift Mutations in Endometrial Cancers and the Precursors in a Japanese Population. <i>American Journal of Clinical Pathology</i> , 2005, 124, 89-96.	0.4	27
1483	Molecular basis for subdividing hereditary colon cancer?. <i>Gut</i> , 2005, 54, 1676-1678.	6.1	12
1484	Association between family history and mismatch repair in colorectal cancer. <i>Gut</i> , 2005, 54, 636-642.	6.1	12
1485	History and Molecular Genetics of Lynch Syndrome in Family G. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 2195.	3.8	70
1486	Microsatellite Instability Caused by <i>hMLH1</i> Promoter Methylation Increases with Tumor Progression in Right-Sided Sporadic Colorectal Cancer. <i>Oncology</i> , 2005, 69, 354-362.	0.9	13
1487	The profile of hMLH1 methylation and microsatellite instability in colorectal and non-small cell lung cancer. <i>International Journal of Molecular Medicine</i> , 2005, 15, 85.	1.8	6

#	ARTICLE	IF	CITATIONS
1488	A functional analysis of the DNA glycosylase activity of mouse MUTYH protein excising 2-hydroxyadenine opposite guanine in DNA. <i>Nucleic Acids Research</i> , 2005, 33, 672-682.	6.5	37
1489	Human AP endonuclease suppresses DNA mismatch repair activity leading to microsatellite instability. <i>Nucleic Acids Research</i> , 2005, 33, 5073-5081.	6.5	11
1490	Two modes of microsatellite instability in human cancer: differential connection of defective DNA mismatch repair to dinucleotide repeat instability. <i>Nucleic Acids Research</i> , 2005, 33, 1628-1636.	6.5	55
1491	Key concepts in genetic epidemiology. <i>Lancet, The</i> , 2005, 366, 941-951.	6.3	223
1492	The Role of Genetic Instability in the Pathogenesis and Progression of Urothelial Carcinoma. <i>EAU Update Series</i> , 2005, 3, 180-188.	0.5	0
1493	Evidence for BRAF mutation and variable levels of microsatellite instability in a syndrome of familial colorectal cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 254-263.	2.4	123
1494	Microsatellite Analysis of Hereditary Nonpolyposis Colorectal Cancer-Associated Colorectal Adenomas by Laser-Assisted Microdissection. <i>Journal of Molecular Diagnostics</i> , 2005, 7, 160-170.	1.2	49
1495	Endoscopic Management of Familial Colonic Neoplasia. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2005, 15, 549-580.	0.6	5
1497	Assay Validation for Identification of Hereditary Nonpolyposis Colon Cancer-Causing Mutations in Mismatch Repair Genes MLH1, MSH2, and MSH6. <i>Journal of Molecular Diagnostics</i> , 2005, 7, 525-534.	1.2	24
1498	From Colonic Polyps to Colon Cancer: Pathophysiology, Clinical Presentation, and Diagnosis. <i>Clinics in Laboratory Medicine</i> , 2005, 25, 135-177.	0.7	30
1499	Repair of Genome Destabilizing Lesions. <i>Radiation Research</i> , 2005, 164, 345-356.	0.7	31
1500	Perspective on Mutagenesis and Repair: The Standard Model and Alternate Modes of Mutagenesis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2005, 40, 155-179.	2.3	21
1501	Differential nonsense mediated decay of mutated mRNAs in mismatch repair deficient colorectal cancers. <i>Human Molecular Genetics</i> , 2005, 14, 2435-2442.	1.4	45
1502	Hereditary cancer syndromes of the skin. <i>Clinics in Dermatology</i> , 2005, 23, 85-106.	0.8	16
1503	Fabrication of DNA microarrays onto polymer substrates using UV modification protocols with integration into microfluidic platforms for the sensing of low-abundant DNA point mutations. <i>Methods</i> , 2005, 37, 103-113.	1.9	42
1504	The Oncogenetic Basis of Breast Cancer. , 2005, , 15-26.		0
1505	Cancer Characteristics in Swedish Families Fulfilling Criteria for Hereditary Nonpolyposis Colorectal Cancer. <i>Gastroenterology</i> , 2005, 129, 1889-1899.	0.6	41
1506	The pathophysiology, clinical presentation, and diagnosis of colon cancer and adenomatous polyps. <i>Medical Clinics of North America</i> , 2005, 89, 1-42.	1.1	63

#	ARTICLE	IF	CITATIONS
1507	Genetic Analyses in Consecutive Israeli Jewish Colorectal Cancer Patients. <i>American Journal of Gastroenterology</i> , 2005, 100, 1376-1380.	0.2	16
1509	Hereditary Cancer Predisposition Syndromes. <i>Journal of Clinical Oncology</i> , 2005, 23, 276-292.	0.8	534
1510	Disparities in Genetic Testing: Thinking Outside the BRCA Box. <i>Journal of Clinical Oncology</i> , 2006, 24, 2197-2203.	0.8	152
1511	Control of Translocations between Highly Diverged Genes by Sgs1, the <i>Saccharomyces cerevisiae</i> Homolog of the Bloom's Syndrome Protein. <i>Molecular and Cellular Biology</i> , 2006, 26, 5406-5420.	1.1	62
1512	Genetic instability in lung cancer: concurrent analysis of chromosomal, mini- and microsatellite instability and loss of heterozygosity. <i>British Journal of Cancer</i> , 2006, 94, 1485-1491.	2.9	39
1513	Optimizing the detection of hereditary non-polyposis colorectal cancer: An update. <i>Scandinavian Journal of Gastroenterology</i> , 2006, 41, 146-152.	0.6	6
1514	Familial Pancreatic Cancer Syndromes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2006, 35, 417-430.	1.2	46
1515	Prevalence of Early Onset Colorectal Cancer in 397 Patients With Classic Li-Fraumeni Syndrome. <i>Gastroenterology</i> , 2006, 130, 73-79.	0.6	101
1516	Heterozygous Mutations in PMS2 Cause Hereditary Nonpolyposis Colorectal Carcinoma (Lynch) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4.	0.6	132
1517	Decrease in Mortality in Lynch Syndrome Families Because of Surveillance. <i>Gastroenterology</i> , 2006, 130, 665-671.	0.6	246
1518	New Developments in Lynch Syndrome (Hereditary Nonpolyposis Colorectal Cancer) and Mismatch Repair Gene Testing. <i>Gastroenterology</i> , 2006, 130, 577-587.	0.6	58
1521	Frequency of Hereditary Non-Polyposis Colorectal Cancer among Unselected Patients with Colorectal Cancer in Germany. <i>Digestion</i> , 2006, 74, 58-67.	1.2	33
1522	Traffic safety for the cell: Influence of cyclin-dependent kinase activity on genomic stability. <i>Gene</i> , 2006, 371, 1-6.	1.0	11
1523	N-acetyltransferase (NAT) 2 acetylator status and age of onset in patients with hereditary nonpolyposis colorectal cancer (HNPCC). <i>Cancer Letters</i> , 2006, 241, 150-157.	3.2	14
1524	Multipopulation Analysis of Polymorphisms in Five Mononucleotide Repeats Used to Determine the Microsatellite Instability Status of Human Tumors. <i>Journal of Clinical Oncology</i> , 2006, 24, 241-251.	0.8	212
1525	MutL-catalyzed ATP Hydrolysis Is Required at a Post-UvrD Loading Step in Methyl-directed Mismatch Repair. <i>Journal of Biological Chemistry</i> , 2006, 281, 19949-19959.	1.6	29
1526	L'instabilit� des microsatellites dans les cancers du colon. <i>Immuno-Analyse Et Biologie Specialisee</i> , 2006, 21, 211-222.	0.0	0
1527	Gen�tica molecular aplicada ao c�ncer cut�neo melanoma. <i>Anais Brasileiros De Dermatologia</i> , 2006, 81, 405-419.	0.5	20

#	ARTICLE	IF	CITATIONS
1528	Microsatellite Instability in Cancer. , 2006, , 737-748.		0
1529	Chemotherapeutic implications in microsatellite unstable colorectal cancer1. Cancer Biomarkers, 2006, 2, 51-60.	0.8	72
1530	Somatic Mosaicism of Expanded CAG-CTG Repeats in Humans and Mice: Dynamics, Mechanisms, and Consequences. , 2006, , 537-561.		1
1532	Application of Molecular Diagnostics to Hereditary Nonpolyposis Colorectal Cancer. , 2006, , 375-392.		0
1533	The human touch. Nature Reviews Cancer, 2006, 6, S21-S21.	12.8	1
1534	Indirect but just as effective. Nature Reviews Cancer, 2006, 6, S21-S22.	12.8	2
1535	Resektionsausmaß und Therapiekonzept bei hereditärem, nicht Polyposis-assoziiertem kolorektalem Karzinom (HNPCC) – Indexpatient: chirurgische Strategie. Visceral Medicine, 2006, 22, 1-5.	0.5	0
1540	Microsatellite instability and mismatch repair target gene mutations in cell lines and xenografts of prostate cancer. Prostate, 2006, 66, 660-666.	1.2	19
1541	Accelerated growth of intestinal tumours after radiation exposure in Mlh1-knockout mice: evaluation of the late effect of radiation on a mouse model of HNPCC. International Journal of Experimental Pathology, 2006, 87, 89-99.	0.6	29
1542	HMLH1 and HSMH2 germline mutations in Greek families with hereditary non-polyposis colorectal cancer. Clinical Genetics, 2006, 69, 290-293.	1.0	0
1543	<i>BRCA1</i> Gene Sequence Variation in Centenarians. Annals of the New York Academy of Sciences, 2001, 928, 85-96.	1.8	12
1544	Altered expression of CDX2 in colorectal cancers. Apmis, 2006, 114, 50-54.	0.9	31
1545	Cancer-associated genodermatoses: a personal history. Experimental Dermatology, 2006, 15, 653-666.	1.4	12
1546	Yeast-based assay for the measurement of positive and negative influences on microsatellite stability. FEMS Yeast Research, 2006, 6, 716-725.	1.1	10
1547	Translating the Knowledge of Molecular Alterations That Occur during Colon Carcinogenesis into Clinically Relevant Solutions. Annals of the New York Academy of Sciences, 2000, 910, 1-9.	1.8	1
1548	Molecular Genetics of Hereditary Nonpolyposis Colorectal Cancer. Annals of the New York Academy of Sciences, 2000, 910, 50-61.	1.8	52
1549	Clinical Aspects of Hereditary Nonpolyposis Colorectal Cancer. Annals of the New York Academy of Sciences, 2000, 910, 75-84.	1.8	3
1550	Mismatch repair. Molecular Biology, 2006, 40, 183-193.	0.4	7

#	ARTICLE	IF	CITATIONS
1551	Immunohistochemical staining of hMLH1 and hMSH2 reflects microsatellite instability status in ovarian carcinoma. <i>Modern Pathology</i> , 2006, 19, 1414-1420.	2.9	45
1552	Epigenetic silencing of AXIN2 in colorectal carcinoma with microsatellite instability. <i>Oncogene</i> , 2006, 25, 139-146.	2.6	91
1553	Altered expression of the KLF4 in colorectal cancers. <i>Pathology Research and Practice</i> , 2006, 202, 585-589.	1.0	57
1554	What is the appropriate screening protocol in Lynch syndrome?. <i>Familial Cancer</i> , 2006, 5, 373-378.	0.9	31
1555	A "Nonsense" Mutation Leads to Aberrant Splicing of hMLH1 in a German Hereditary Non-polyposis Colorectal Cancer Family. <i>Familial Cancer</i> , 2006, 5, 195-199.	0.9	5
1556	DNA mismatch repair and Lynch syndrome. <i>Journal of Molecular Histology</i> , 2006, 37, 271-283.	1.0	17
1557	The role of the human DNA mismatch repair gene hMSH2 in DNA repair, cell cycle control and apoptosis: implications for pathogenesis, progression and therapy of cancer. <i>Journal of Molecular Histology</i> , 2006, 37, 301-307.	1.0	51
1558	Colorectal cancer: genetics of development and metastasis. <i>Journal of Gastroenterology</i> , 2006, 41, 185-192.	2.3	204
1559	Accumulation Profile of Frameshift Mutations During Development and Progression of Colorectal Cancer From Patients With Hereditary Nonpolyposis Colorectal Cancer. <i>Diseases of the Colon and Rectum</i> , 2006, 49, 399-406.	0.7	28
1560	Novel hMSH2, hMSH6 and hMLH1 gene mutations and microsatellite instability in sporadic colorectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 133, 65-70.	1.2	7
1561	Two-locus genome-wide linkage scan for prostate cancer susceptibility genes with an interaction effect. <i>Human Genetics</i> , 2006, 118, 716-724.	1.8	16
1562	Occult endometrial cancer and decision making for prophylactic hysterectomy in hereditary nonpolyposis colorectal cancer patients. <i>Gynecologic Oncology</i> , 2006, 102, 189-194.	0.6	30
1563	Chromosomal aberrations and microsatellite instability of malignant peripheral nerve sheath tumors: a study of 10 tumors from nine patients. <i>Cancer Genetics and Cytogenetics</i> , 2006, 165, 98-105.	1.0	27
1564	Allele-specific loss of heterozygosity in multiple colorectal adenomas: toward an integrated molecular cytogenetic map II. <i>Cancer Genetics and Cytogenetics</i> , 2006, 167, 1-14.	1.0	18
1565	Genomic profiles of colorectal cancers differ based on patient smoking status. <i>Cancer Genetics and Cytogenetics</i> , 2006, 168, 98-104.	1.0	11
1566	A novel mutation detection approach of hMLH1 and hMSH2 genes for screening of colorectal cancer. <i>Cancer Detection and Prevention</i> , 2006, 30, 333-340.	2.1	4
1567	Molecular Biology of Colorectal Cancer: New Targets. <i>Seminars in Oncology</i> , 2006, 33, 14-23.	0.8	13
1568	Heat shock proteins in cancer: chaperones of tumorigenesis. <i>Trends in Biochemical Sciences</i> , 2006, 31, 164-172.	3.7	840

#	ARTICLE	IF	CITATIONS
1569	Diagnostic Approach and Management of Lynch Syndrome (Hereditary Nonpolyposis Colorectal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	157.7	148
1570	Expression of DNA mismatch repair gene MSH2 in cytological material from lung cancer patients. <i>Diagnostic Cytopathology</i> , 2006, 34, 463-466.	0.5	8
1571	Different p53 mutation patterns in colorectal tumors from smokers and nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 527-532.	0.9	10
1572	Novel strategy for optimal sequential application of clinical criteria, immunohistochemistry and microsatellite analysis in the diagnosis of hereditary nonpolyposis colorectal cancer. <i>International Journal of Cancer</i> , 2006, 118, 115-122.	2.3	98
1573	Age of diagnosis of colorectal cancer in HNPCC patients is more complex than that predicted by R72P polymorphism in TP53. <i>International Journal of Cancer</i> , 2006, 118, 2479-2484.	2.3	34
1574	Microsatellite instability in multiple nonfamilial malignancies. <i>Molecular Carcinogenesis</i> , 2006, 45, 175-182.	1.3	0
1575	Genomic instabilities in squamous cell carcinoma of head and neck from the Indian population. <i>Molecular Carcinogenesis</i> , 2006, 45, 270-277.	1.3	8
1576	Elegance, silence and nonsense in the mutations literature for solid tumors. <i>Cancer Biology and Therapy</i> , 2006, 5, 349-359.	1.5	21
1577	Molecular models for the tissue specificity of DNA mismatch repair-deficient carcinogenesis. <i>Nucleic Acids Research</i> , 2006, 34, 840-852.	6.5	94
1578	Methods for Studying Mutagenesis and Checkpoints in <i>Schizosaccharomyces pombe</i> . <i>Methods in Enzymology</i> , 2006, 409, 183-194.	0.4	7
1579	Prophylactic Surgery to Reduce the Risk of Gynecologic Cancers in the Lynch Syndrome. <i>New England Journal of Medicine</i> , 2006, 354, 261-269.	13.9	739
1580	From Gut Homeostasis to Cancer. <i>Current Molecular Medicine</i> , 2006, 6, 275-289.	0.6	104
1581	Efficiency of carcinogenesis with and without a mutator mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14140-14145.	3.3	89
1582	Oligonucleotide microarray analysis of distinct gene expression patterns in colorectal cancer tissues harboring BRAF and K-ras mutations. <i>Carcinogenesis</i> , 2006, 27, 392-404.	1.3	29
1583	DNMT3b Polymorphism and Hereditary Nonpolyposis Colorectal Cancer Age of Onset. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 886-891.	1.1	51
1584	A Cost-Effective Algorithm for Hereditary Nonpolyposis Colorectal Cancer Detection. <i>American Journal of Clinical Pathology</i> , 2006, 125, 823-831.	0.4	15
1585	Conditional Coalescent Trees With Two Mutation Rates and Their Application to Genomic Instability. <i>Genetics</i> , 2006, 172, 1809-1820.	1.2	2
1587	Genome-wide differences between microsatellite stable and unstable colorectal tumors. <i>Carcinogenesis</i> , 2006, 27, 419-428.	1.3	66

#	ARTICLE	IF	CITATIONS
1589	Human cancers express a mutator phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18238-18242.	3.3	331
1590	Genetic Polymorphisms in Xenobiotic Clearance Genes and Their Influence on Disease Expression in Hereditary Nonpolyposis Colorectal Cancer Patients. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 2307-2310.	1.1	23
1591	Detection of microsatellite instability in endometrial cancer: advantages of a panel of five mononucleotide repeats over the National Cancer Institute panel of markers. Carcinogenesis, 2006, 27, 951-955.	1.3	55
1592	The genetics of hereditary colon cancer. Genes and Development, 2007, 21, 2525-2538.	2.7	428
1593	Chimeric <i>Saccharomyces cerevisiae</i> Msh6 protein with an Msh3 mismatch-binding domain combines properties of both proteins. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10956-10961.	3.3	35
1594	Deficient mismatch repair improves organismal fitness and survival of mice with dysfunctional telomeres. Genes and Development, 2007, 21, 2234-2247.	2.7	47
1595	DNA Methylation Damage: Formation, Repair and Biological Consequences. , 2007, , 99-121.		5
1596	A comparison of the gene expression profiles of CRL-1807 colonocytes exposed to endogenous AAPH-generated peroxides and exogenous peroxides from heated oil. Redox Report, 2007, 12, 86-90.	1.4	3
1597	Familial pancreatic cancer: current status. Expert Opinion on Medical Diagnostics, 2007, 1, 193-201.	1.6	2
1598	Functional Characterization of Pathogenic Human MSH2 Missense Mutations in <i>Saccharomyces cerevisiae</i> . Genetics, 2007, 177, 707-721.	1.2	86
1599	Prospective Determination of Prevalence of Lynch Syndrome in Young Women With Endometrial Cancer. Journal of Clinical Oncology, 2007, 25, 5158-5164.	0.8	242
1600	Background Mutation Frequency in Microsatellite-Unstable Colorectal Cancer. Cancer Research, 2007, 67, 5691-5698.	0.4	38
1601	The E295K DNA Polymerase Beta Gastric Cancer-Associated Variant Interferes with Base Excision Repair and Induces Cellular Transformation. Molecular and Cellular Biology, 2007, 27, 5587-5596.	1.1	92
1602	Cancer genes associated with phenotypes in monoallelic and biallelic mutation carriers: new lessons from old players. Human Molecular Genetics, 2007, 16, R60-R66.	1.4	78
1603	Colorectal Cancer in the Family: Psychosocial Distress and Social Issues in the Years Following Genetic Counselling. Hereditary Cancer in Clinical Practice, 2007, 5, 59.	0.6	30
1604	Single-amplicon MSH2 A636P Mutation Testing in Ashkenazi Jewish Patients With Colorectal Cancer. Annals of Surgery, 2007, 245, 560-565.	2.1	11
1605	High-resolution fluorescent analysis of microsatellite instability in gastric cancer. European Journal of Gastroenterology and Hepatology, 2007, 19, 701-709.	0.8	12
1606	Genome instability and DNA damage accumulation in gene-targeted mice. Neuroscience, 2007, 145, 1309-1317.	1.1	11

#	ARTICLE	IF	CITATIONS
1607	Performance of Different Microsatellite Marker Panels for Detection of Mismatch Repair-Deficient Colorectal Tumors. <i>Journal of the National Cancer Institute</i> , 2007, 99, 244-252.	3.0	157
1608	Genomic rearrangements in MSH2, MLH1 or MSH6 are rare in HNPCC patients carrying point mutations. <i>Cancer Letters</i> , 2007, 248, 89-95.	3.2	18
1609	Risk Reduction and Health Promotion Behaviors Following Genetic Testing for Adult-Onset Disorders. <i>Genetic Testing and Molecular Biomarkers</i> , 2007, 11, 111-123.	1.7	53
1610	Cell Stress Proteins. , 2007, , .		9
1611	Hereditary Nonpolyposis Colorectal Cancer. , 2007, , 223-232.		2
1612	Molecular Pathology in Clinical Practice. , 2007, , .		8
1613	Replication Fork Stalling at Natural Impediments. <i>Microbiology and Molecular Biology Reviews</i> , 2007, 71, 13-35.	2.9	433
1614	Polymorphism in the hMSH2 gene (gISV12-6T > C) is a prognostic factor in non-small cell lung cancer. <i>Lung Cancer</i> , 2007, 58, 123-130.	0.9	20
1615	Somatic mutations leading to incomplete extinction of HLA class I were associated with replication error phenotype-positive colorectal carcinoma. <i>Major Histocompatibility Complex</i> , 2007, 13, 187-197.	0.2	0
1616	A Mononucleotide Markers Panel to Identify hMLH1/hMSH2 Germline Mutations. <i>Disease Markers</i> , 2007, 23, 179-187.	0.6	24
1617	Stool-based DNA testing, a new noninvasive method for colorectal cancer screening, the first report from Iran. <i>World Journal of Gastroenterology</i> , 2007, 13, 1528.	1.4	40
1618	Genetic Studies of Colorectal Cancer. <i>Critical Reviews in Oncogenesis</i> , 2007, 13, 185-187.	0.2	0
1619	Genetics of colorectal cancer. , 0, , 245-267.		0
1620	A new variant database for mismatch repair genes associated with Lynch syndrome. <i>Human Mutation</i> , 2007, 28, 669-673.	1.1	110
1621	Mutations of the PIK3CA gene in hereditary colorectal cancers. <i>International Journal of Cancer</i> , 2007, 121, 1627-1630.	2.3	35
1622	Microsatellite Instability is Frequently Observed in Rectal Cancer and Influenced by Neoadjuvant Chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 1584.	0.4	13
1623	Up a gear? The significance of an elevated mutation rate in tumorigenesis. <i>Physics of Life Reviews</i> , 2007, 4, 116-127.	1.5	0
1624	Identifying candidate colon cancer tumor suppressor genes using inhibition of nonsense-mediated mRNA decay in colon cancer cells. <i>Oncogene</i> , 2007, 26, 2873-2884.	2.6	90

#	ARTICLE	IF	CITATIONS
1625	lkaros is a mutational target for lymphomagenesis in Mlh1-deficient mice. <i>Oncogene</i> , 2007, 26, 2945-2949.	2.6	13
1626	Heteroduplex analysis by capillary array electrophoresis for rapid mutation detection in large multiexon genes. <i>Nature Protocols</i> , 2007, 2, 237-246.	5.5	47
1627	Assessment of microsatellite instability status for the prediction of metachronous recurrence after initial endoscopic submucosal dissection for early gastric cancer. <i>British Journal of Cancer</i> , 2007, 96, 89-94.	2.9	21
1628	Novel germline and somatic mutations of the MSH2 gene in hereditary non-polyposis colorectal cancer. <i>Clinical Genetics</i> , 2007, 71, 190-192.	1.0	2
1629	Germline <i>hMSH2</i> promoter mutation in a Chinese HNPCC kindred: evidence for dual role of LOH. <i>Clinical Genetics</i> , 2007, 72, 556-561.	1.0	13
1630	Mixed hyperplastic/adenomatous polyps ? a collision. <i>Colorectal Disease</i> , 2007, 10, 070621084454020-???.	0.7	0
1631	Clinically localised prostate cancer is microsatellite stable. <i>BJU International</i> , 2007, 99, 1031-1035.	1.3	13
1632	Advances in the understanding of susceptibility to treatment-related acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2007, 137, 513-529.	1.2	74
1633	Review article: detection and management of hereditary non-polyposis colorectal cancer (Lynch) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.9	9
1634	A procedure for the detection of linkage with high density SNP arrays in a large pedigree with colorectal cancer. <i>BMC Cancer</i> , 2007, 7, 6.	1.1	5
1635	A new interphase fluorescence in situ hybridization approach for genomic rearrangements involving MLH1 and MSH6 in hereditary nonpolyposis colorectal cancer-suspected mutation-negative patients. <i>Cancer Genetics and Cytogenetics</i> , 2007, 175, 81-84.	1.0	3
1636	MGMT: Key node in the battle against genotoxicity, carcinogenicity and apoptosis induced by alkylating agents. <i>DNA Repair</i> , 2007, 6, 1079-1099.	1.3	549
1637	Mutations affecting a putative MutL± endonuclease motif impact multiple mismatch repair functions. <i>DNA Repair</i> , 2007, 6, 1463-1470.	1.3	45
1638	Society of Gynecologic Oncologists Education Committee Statement on Risk Assessment for Inherited Gynecologic Cancer Predispositions†. <i>Gynecologic Oncology</i> , 2007, 107, 159-162.	0.6	257
1639	Differences between familial and sporadic forms of colorectal cancer with DNA microsatellite instability. <i>Surgical Oncology</i> , 2007, 16, 37-42.	0.8	5
1640	Genetic alteration in hereditary colorectal cancer. <i>Surgical Oncology</i> , 2007, 16, 11-15.	0.8	12
1641	The role of DNA mismatch repair in generating genetic diversity and drug resistance in malaria parasites. <i>Molecular and Biochemical Parasitology</i> , 2007, 155, 18-25.	0.5	23
1642	aCGH local copy number aberrations associated with overall copy number genomic instability in colorectal cancer: Coordinate involvement of the regions including BCR and ABL. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 615, 1-11.	0.4	17

#	ARTICLE	IF	CITATIONS
1643	Mismatch repair (MMR) efficiency and MSH2 gene mutation in human colorectal carcinoma cell line COLO320HSR. Russian Journal of Genetics, 2007, 43, 430-436.	0.2	2
1644	The Surgeon's Role in Cancer Prevention. The Model in Colorectal Carcinoma. Annals of Surgical Oncology, 2007, 14, 3054-3069.	0.7	2
1645	Impact de la génétique moléculaire sur le dépistage du cancer colorectal héréditaire non polypoïde. Acta Endoscopica, 2007, 37, 165-179.	0.0	2
1646	Henry Thomson Lynch, un itinéraire exemplaire de la génétique clinique à la biologie moléculaire. Acta Endoscopica, 2007, 37, 491-508.	0.0	0
1648	Mismatch repair gene hMSH2 protein as predictive maker for gastric carcinoma. Chinese-German Journal of Clinical Oncology, 2007, 6, 37-39.	0.1	1
1649	The role of chemotherapy in microsatellite unstable (MSI-H) colorectal cancer. International Journal of Colorectal Disease, 2007, 22, 739-748.	1.0	43
1650	A novel MSH2 mutation in a Chinese family with hereditary non-polyposis colorectal cancer. International Journal of Colorectal Disease, 2007, 22, 875-879.	1.0	4
1651	Hereditary nonpolyposis colon cancer: Revised Bethesda criteria, immunohistochemistry, microsatellite instability, germline analysis, and emerging issues in genetic testing. Current Colorectal Cancer Reports, 2007, 3, 10-15.	1.0	0
1652	Small-pool PCR analysis of microsatellite instability in HNPCC. Current Colorectal Cancer Reports, 2007, 3, 185-190.	1.0	0
1653	A stochastic carcinogenesis model incorporating multiple types of genomic instability fitted to colon cancer data. Journal of Theoretical Biology, 2008, 254, 229-238.	0.8	38
1656	Cancer and forensic microsatellites. Forensic Science, Medicine, and Pathology, 2008, 4, 60-66.	0.6	11
1657	Gynecologic cancers associated with Lynch syndrome/HNPCC. Clinical and Translational Oncology, 2008, 10, 313-317.	1.2	44
1659	Expression of mismatch repair proteins, hMLH1/hMSH2, in non-small cell lung cancer tissues and its clinical significance. Journal of Surgical Oncology, 2008, 98, 377-383.	0.8	14
1660	Classification of ambiguous mutations in DNA mismatch repair genes identified in a population-based study of colorectal cancer. Human Mutation, 2008, 29, 367-374.	1.1	68
1661	AuroraA and Cyclin D1 polymorphisms and the age of onset of colorectal cancer in hereditary nonpolyposis colorectal cancer. International Journal of Cancer, 2008, 122, 1273-1277.	2.3	28
1662	Single nucleotide polymorphism detection in the hMSH2 gene using conformation-sensitive CE. Electrophoresis, 2008, 29, 634-640.	1.3	7
1663	Frequent microsatellite instability in non-Hodgkin lymphomas irresponsive to chemotherapy. Leukemia Research, 2008, 32, 1183-1195.	0.4	14
1664	UV Damage and DNA Repair in Malignant Melanoma and Nonmelanoma Skin Cancer. Advances in Experimental Medicine and Biology, 2008, 624, 162-178.	0.8	173

#	ARTICLE	IF	CITATIONS
1665	Hypoxia Causes Downregulation of Mismatch Repair System and Genomic Instability in Stem Cells. <i>Stem Cells</i> , 2008, 26, 2052-2062.	1.4	76
1666	The Involvement of Mismatch Repair in Transcription Coupled Nucleotide Excision Repair. <i>Human Cell</i> , 2005, 18, 103-115.	1.2	9
1667	Mechanisms and functions of DNA mismatch repair. <i>Cell Research</i> , 2008, 18, 85-98.	5.7	1,081
1668	Differences and evolution of the methods for the assessment of microsatellite instability. <i>Oncogene</i> , 2008, 27, 6313-6321.	2.6	91
1669	Strategy in clinical practice for classification of unselected colorectal tumours based on mismatch repair deficiency. <i>Colorectal Disease</i> , 2008, 10, 490-497.	0.7	39
1670	DGGE screening of mutations in mismatch repair genes (hMSH2 and hMLH1) in 34 Swedish families with colorectal cancer. <i>Clinical Genetics</i> , 1998, 53, 131-135.	1.0	19
1671	The yeast genome and clinical genetics. <i>Clinical Genetics</i> , 1998, 54, 113-116.	1.0	1
1672	Inherited breast cancer: an emerging picture. <i>Clinical Genetics</i> , 1998, 54, 447-458.	1.0	32
1673	DNA repair dysfunction in gastrointestinal tract cancers. <i>Cancer Science</i> , 2008, 99, 451-458.	1.7	10
1674	Clinical features and mismatch repair genes analyses of Chinese suspected hereditary non-polyposis colorectal cancer: A cost-effective screening strategy proposal. <i>Cancer Science</i> , 2008, 99, 770-780.	1.7	21
1675	Mutations in the signature motif in MutS affect ATP γ S-induced clamp formation and mismatch repair. <i>Molecular Microbiology</i> , 2008, 69, 1544-1559.	1.2	9
1676	DNA repair in murine embryonic stem cells and differentiated cells. <i>Experimental Cell Research</i> , 2008, 314, 1929-1936.	1.2	135
1677	Synchronous occult cancers of the endometrium and fallopian tube in an MSH2 mutation carrier at time of prophylactic surgery. <i>Gynecologic Oncology</i> , 2008, 111, 575-578.	0.6	24
1678	Clinicopathological features of CpG island methylator phenotype γ positive colorectal cancer and its adverse prognosis in relation to <i>KRAS</i> / <i>BRAF</i> mutation. <i>Pathology International</i> , 2008, 58, 104-113.	0.6	127
1679	Molecular genetic analysis of exons 1 to 6 of the APC gene in non γ polyposis familial colorectal cancer. <i>Clinical Genetics</i> , 1995, 48, 299-303.	1.0	8
1680	A novel missense MSH2 gene mutation in a patient of a Korean family with hereditary nonpolyposis colorectal cancer. <i>Cancer Genetics and Cytogenetics</i> , 2008, 182, 136-139.	1.0	2
1681	Identification of pathways controlling DNA damage induced mutation in <i>Saccharomyces cerevisiae</i> . <i>DNA Repair</i> , 2008, 7, 801-810.	1.3	25
1682	A molecular bar-coded DNA repair resource for pooled toxicogenomic screens. <i>DNA Repair</i> , 2008, 7, 1855-1868.	1.3	7

#	ARTICLE	IF	CITATIONS
1683	DNA mismatch repair: Molecular mechanism, cancer, and ageing. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 391-407.	2.2	362
1684	Visualizing loss of heterozygosity in living mouse cells and tissues. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 645, 1-8.	0.4	6
1685	Genomic and Epigenetic Instability in Colorectal Cancer Pathogenesis. <i>Gastroenterology</i> , 2008, 135, 1079-1099.	0.6	786
1687	Sunlight, Vitamin D and Skin Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2008, , .	0.8	10
1688	Natural products as inhibitors of carcinogenesis. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 1341-1352.	1.9	52
1689	Immunohistochemistry versus Microsatellite Instability Testing For Screening Colorectal Cancer Patients at Risk For Hereditary Nonpolyposis Colorectal Cancer Syndrome. <i>Journal of Molecular Diagnostics</i> , 2008, 10, 293-300.	1.2	549
1690	Cancer Genetics: A Primer for Surgeons. <i>Surgical Clinics of North America</i> , 2008, 88, 681-704.	0.5	4
1691	Cancers Exhibit a Mutator Phenotype: Clinical Implications. <i>Cancer Research</i> , 2008, 68, 3551-3557.	0.4	198
1692	Identification of Differentially Expressed Genes in Microsatellite Stable HNPCC and Sporadic Colon Cancer. <i>Journal of Surgical Research</i> , 2008, 144, 29-35.	0.8	22
1693	Î² Clamp Directs Localization of Mismatch Repair in <i>Bacillus subtilis</i> . <i>Molecular Cell</i> , 2008, 29, 291-301.	4.5	100
1694	Overexpression of human OGG1 in mammalian cells decreases ultraviolet A induced mutagenesis. <i>Cancer Letters</i> , 2008, 267, 18-25.	3.2	22
1695	Exclusive KRAS mutation in microsatellite-unstable human colorectal carcinomas with sequence alterations in the DNA mismatch repair gene, MLH1. <i>Gene</i> , 2008, 423, 188-193.	1.0	10
1696	Pathophysiology, Clinical Presentation, and Management of Colon Cancer. <i>Gastroenterology Clinics of North America</i> , 2008, 37, 1-24.	1.0	173
1697	Advances in Chemical Carcinogenesis: A Historical Review and Prospective. <i>Cancer Research</i> , 2008, 68, 6863-6872.	0.4	258
1698	Senescence-Dependent MutSÎ± Dysfunction Attenuates Mismatch Repair. <i>Molecular Cancer Research</i> , 2008, 6, 978-989.	1.5	18
1699	A high incidence of MSH6 mutations in Amsterdam criteria II-negative families tested in a diagnostic setting. <i>Gut</i> , 2008, 57, 1539-1544.	6.1	33
1700	Lynch syndrome in colorectal cancer patients. <i>Expert Review of Anticancer Therapy</i> , 2008, 8, 573-583.	1.1	5
1701	Chromatid cohesion defects may underlie chromosome instability in human colorectal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3443-3448.	3.3	361

#	ARTICLE	IF	CITATIONS
1702	Role of c-Abl Kinase in DNA Mismatch Repair-dependent G2 Cell Cycle Checkpoint Arrest Responses. <i>Journal of Biological Chemistry</i> , 2008, 283, 21382-21393.	1.6	27
1703	Breast cancer: genetics. <i>Menopause International</i> , 2008, 14, 183-183.	1.6	0
1704	The Genomics of Colorectal Cancer: State of the Art. <i>Current Genomics</i> , 2008, 9, 1-10.	0.7	14
1705	CDKN2A/p16 Genetic Test Reporting Improves Early Detection Intentions and Practices in High-Risk Melanoma Families. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 1510-1519.	1.1	71
1706	Familial Colorectal Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 2564.	3.8	5
1707	DNA Mismatch Repair-dependent Activation of c-Abl/p73±/GADD45±-mediated Apoptosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 21394-21403.	1.6	29
1708	Heterogeneity of Receptor Function in Colon Carcinoma Cells Determined by Cross-talk between Type I Insulin-like Growth Factor Receptor and Epidermal Growth Factor Receptor. <i>Cancer Research</i> , 2008, 68, 8004-8013.	0.4	65
1709	Loss of <i>Rb1</i> in the gastrointestinal tract of <i>Apc</i> ^{1638N} mice promotes tumors of the cecum and proximal colon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15493-15498.	3.3	22
1710	Comparative Genomics and Molecular Dynamics of DNA Repeats in Eukaryotes. <i>Microbiology and Molecular Biology Reviews</i> , 2008, 72, 686-727.	2.9	450
1712	Ampicillin plus Ceftriaxone for High-Level Aminoglycoside-Resistant <i>Enterococcus faecalis</i> Endocarditis. <i>Annals of Internal Medicine</i> , 2008, 148, 243.	2.0	2
1713	Lynch syndrome (HNPCC). <i>Hereditary Cancer in Clinical Practice</i> , 2008, 6, 99.	0.6	5
1714	What™s in a cancer syndrome? Genes, phenotype and pathology. <i>Pathology</i> , 2008, 40, 247-259.	0.3	1
1716	Clinical features and hMSH2/hMLH1 germ-line mutations in Chinese patients with hereditary nonpolyposis colorectal cancer. <i>Chinese Medical Journal</i> , 2008, 121, 1265-1268.	0.9	5
1717	The Effect of a Primary Care Practice-Based Depression Intervention on Mortality in Older Adults. <i>Annals of Internal Medicine</i> , 2008, 148, 244.	2.0	3
1718	Ampicillin plus Ceftriaxone for High-Level Aminoglycoside-Resistant <i>Enterococcus faecalis</i> Endocarditis. <i>Annals of Internal Medicine</i> , 2008, 148, 243.	2.0	0
1719	Mutation Rates of TGFBR2 and ACVR2 Coding Microsatellites in Human Cells with Defective DNA Mismatch Repair. <i>PLoS ONE</i> , 2008, 3, e3463.	1.1	23
1720	Mutations and Cell Defenses. , 0, , 123-142.		0
1722	Analysis of candidate target genes for mononucleotide repeat mutation in microsatellite instability-high (MSI-H) endometrial cancer. <i>International Journal of Oncology</i> , 2009, 35, 977-82.	1.4	20

#	ARTICLE	IF	CITATIONS
1723	The Identification of Lynch Syndrome in British Columbia. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2009, 23, 761-767.	1.8	3
1724	Mutator Mutations Enhance Tumorigenic Efficiency across Fitness Landscapes. <i>PLoS ONE</i> , 2009, 4, e5860.	1.1	32
1725	Apoptosis in Carcinogenesis and Chemotherapy. , 2009, , .		10
1726	The G67E mutation in hMLH1 is associated with an unusual presentation of Lynch syndrome. <i>British Journal of Cancer</i> , 2009, 100, 376-380.	2.9	15
1727	Perforin-mediated suppression of B-cell lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2723-2728.	3.3	40
1728	Somatic Mutations of the <i>CDC4 (FBXW7)</i> Gene in Hereditary Colorectal Tumors. <i>Oncology</i> , 2009, 76, 430-434.	0.9	23
1729	The Human Genome: Implications for the Understanding of Human Disease. , 2009, , 109-122.		0
1730	<i>BRCA</i> Germline Mutations in Jewish Patients With Pancreatic Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2009, 27, 433-438.	0.8	194
1731	Evolution of Mutational Robustness in the Yeast Genome: A Link to Essential Genes and Meiotic Recombination Hotspots. <i>PLoS Genetics</i> , 2009, 5, e1000533.	1.5	27
1732	<i>Cancer Prevention Research:</i> Back to the Future. <i>Cancer Prevention Research</i> , 2009, 2, 503-513.	0.7	5
1733	Cancer Prevention: From 1727 to Milestones of the Past 100 Years. <i>Cancer Research</i> , 2009, 69, 5269-5284.	0.4	114
1734	Msh2-dependent DNA repair mitigates a unique susceptibility of B cell progenitors to <i>c-Myc</i>-induced lymphomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18698-18703.	3.3	15
1735	Brca2/Xrcc2 dependent HR, but not NHEJ, is required for protection against O6-methylguanine triggered apoptosis, DSBs and chromosomal aberrations by a process leading to SCEs. <i>DNA Repair</i> , 2009, 8, 72-86.	1.3	91
1736	Three new nonsense mutations of MLH1 and MSH2 genes in Korean families with hereditary nonpolyposis colorectal cancer. <i>Cancer Genetics and Cytogenetics</i> , 2009, 188, 61-64.	1.0	2
1737	Simulation-based analyses reveal stable microsatellite sequences in human pancreatic cancer. <i>Cancer Genetics and Cytogenetics</i> , 2009, 189, 5-14.	1.0	14
1739	Sequence contextâ€specific mutagenesis and base excision repair. <i>Molecular Carcinogenesis</i> , 2009, 48, 362-368.	1.3	26
1740	An investigation on the polymorphisms of two DNA repair genes and susceptibility to ESCC and GCA of high-incidence region in northern China. <i>Molecular Biology Reports</i> , 2009, 36, 357-364.	1.0	24
1741	Anaplastic oligoastrocytoma in Turcot syndrome. <i>Journal of Neuro-Oncology</i> , 2009, 95, 293-298.	1.4	9

#	ARTICLE	IF	CITATIONS
1742	Major contribution from recurrent alterations and MSH6 mutations in the Danish Lynch syndrome population. <i>Familial Cancer</i> , 2009, 8, 75-83.	0.9	35
1743	Recurring MLH1 deleterious mutations in unrelated Chinese Lynch syndrome families in Singapore. <i>Familial Cancer</i> , 2009, 8, 85-94.	0.9	17
1744	First case report of Muir-Torre syndrome associated with non-small cell lung cancer. <i>Familial Cancer</i> , 2009, 8, 359-362.	0.9	20
1745	Impact of 226C>T MSH2 gene mutation on cancer phenotypes in two HNPCC-associated highly-consanguineous families from Kuwait: emphasis on premarital genetic testing. <i>Familial Cancer</i> , 2009, 8, 289-298.	0.9	7
1746	Damage-Sensing mechanisms in human cells after ionizing radiation. <i>Stem Cells</i> , 1997, 15, 27-42.	1.4	12
1747	Mononucleotide precedes dinucleotide repeat instability during colorectal tumour development in Lynch syndrome patients. <i>Journal of Pathology</i> , 2009, 219, 96-102.	2.1	22
1748	Alternative lengthening of telomeres frequently occurs in mismatch repair system-deficient gastric carcinoma. <i>Cancer Science</i> , 2009, 100, 413-418.	1.7	36
1749	Review of the Lynch syndrome: history, molecular genetics, screening, differential diagnosis, and medicolegal ramifications. <i>Clinical Genetics</i> , 2009, 76, 1-18.	1.0	672
1750	Gynaecological cancers in genetically susceptible women: new thoughts on tubal pathology. <i>Diagnostic Histopathology</i> , 2009, 15, 545-553.	0.2	4
1751	Introduction to molecular and clinical genetics of colorectal cancer syndromes. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2009, 23, 127-146.	1.0	26
1752	Molecular Basis of Colorectal Cancer. <i>New England Journal of Medicine</i> , 2009, 361, 2449-2460.	13.9	1,581
1753	Phenotypic mismatch repair hMSH2 and hMLH1 gene expression profiles in primary non-small cell lung carcinomas. <i>Lung Cancer</i> , 2009, 64, 282-288.	0.9	23
1754	Hereditary ovarian carcinoma: Heterogeneity, molecular genetics, pathology, and management. <i>Molecular Oncology</i> , 2009, 3, 97-137.	2.1	171
1756	Overview of Colorectal Cancer Genetics. <i>Surgical Oncology Clinics of North America</i> , 2009, 18, 573-583.	0.6	7
1757	Deficient DNA Mismatch Repair Is Common in Lynch Syndrome-Associated Colorectal Adenomas. <i>Journal of Molecular Diagnostics</i> , 2009, 11, 238-247.	1.2	97
1758	Family Cancer Syndromes: Inherited Deficiencies in Systems for the Maintenance of Genomic Integrity. <i>Surgical Oncology Clinics of North America</i> , 2009, 18, 1-17.	0.6	2
1759	Expresi3n de MLH1, MSH2 y MSH6 en oncocitomas y carcinomas de c3lulas crom3fobas renales. <i>Revista Espanola De Patologia</i> , 2009, 42, 31-37.	0.6	0
1760	A novel germline mutation of hMLH1 in a Korean hereditary non-polyposis colorectal cancer family. <i>International Journal of Oncology</i> , 2009, , .	1.4	1

#	ARTICLE	IF	CITATIONS
1761	Cancer risk in MLH1, MSH2 and MSH6 mutation carriers; different risk profiles may influence clinical management. <i>Hereditary Cancer in Clinical Practice</i> , 2009, 7, 17.	0.6	57
1762	Colorectal Cancer Due to Deficiency in DNA Mismatch Repair Function. <i>Advances in Anatomic Pathology</i> , 2009, 16, 405-417.	2.4	132
1763	Endometrial Cancer and Lynch Syndrome: Clinical and Pathologic Considerations. <i>Cancer Control</i> , 2009, 16, 14-22.	0.7	220
1764	MutS Homologue 2 and the Long-term Benefit of Adjuvant Chemotherapy in Lung Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 1206-1215.	3.2	89
1765	Genealogical Tree Study as Screening Method in the Lynch Syndrome Prior to Genetic Test. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2010, 33, 376-380.	0.6	1
1766	Microsatellite instability screening should be done for right-sided colon cancer patients less than 60 years of age. <i>International Journal of Colorectal Disease</i> , 2010, 25, 47-52.	1.0	18
1768	Health and lifestyle behaviors among persons at risk of Lynch syndrome. <i>Cancer Causes and Control</i> , 2010, 21, 513-521.	0.8	16
1769	The Role of Surgery in Cancer Prevention. <i>Current Problems in Surgery</i> , 2010, 47, 750-830.	0.6	11
1770	Genotype to phenotype: Analyzing the effects of inherited mutations in colorectal cancer families. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 693, 32-45.	0.4	53
1771	Methods for genome-wide analysis of DNA methylation in intestinal tumors. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 693, 77-83.	0.4	9
1772	DNA methylation and mutator genes in <i>Escherichia coli</i> K-12. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 705, 71-76.	2.4	40
1773	Efficiency of carcinogenesis: Is the mutator phenotype inevitable?. <i>Seminars in Cancer Biology</i> , 2010, 20, 340-352.	4.3	27
1774	Lethal Mutagenesis: Targeting the Mutator Phenotype in Cancer. <i>Seminars in Cancer Biology</i> , 2010, 20, 353-359.	4.3	68
1775	DNA replication fidelity and cancer. <i>Seminars in Cancer Biology</i> , 2010, 20, 281-293.	4.3	131
1776	Taiwan hospital-based detection of Lynch syndrome distinguishes 2 types of microsatellite instabilities in colorectal cancers. <i>Surgery</i> , 2010, 147, 720-728.	1.0	29
1777	Cancer models, genomic instability and somatic cellular Darwinian evolution. <i>Biology Direct</i> , 2010, 5, 19.	1.9	58
1778	Nuclear reorganization of DNA mismatch repair proteins in response to DNA damage. <i>DNA Repair</i> , 2010, 9, 120-133.	1.3	20
1779	Targeting and processing of site-specific DNA interstrand crosslinks. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 527-539.	0.9	37

#	ARTICLE	IF	CITATIONS
1780	Microsatellite instability in the peripheral blood leukocytes of HNPCC patients. <i>Human Mutation</i> , 2010, 31, 317-324.	1.1	27
1781	MSH6 and PMS2 mutation positive Australian Lynch syndrome families: novel mutations, cancer risk and age of diagnosis of colorectal cancer. <i>Hereditary Cancer in Clinical Practice</i> , 2010, 8, 5.	0.6	31
1782	Expression of DNA mismatch repair proteins and <i>MSH2</i> polymorphisms in nonmelanoma skin cancers of organ transplant recipients. <i>British Journal of Dermatology</i> , 2010, 162, 732-742.	1.4	13
1783	Flanking sequence specificity determines coding microsatellite heteroduplex and mutation rates with defective DNA mismatch repair (MMR). <i>Oncogene</i> , 2010, 29, 2172-2180.	2.6	14
1784	Architecture of inherited susceptibility to common cancer. <i>Nature Reviews Cancer</i> , 2010, 10, 353-361.	12.8	183
1785	Genomic instability – an evolving hallmark of cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 220-228.	16.1	1,798
1786	The Human Genome: , 2010, , 77-87.		0
1787	DNA Mismatch Repair in Eukaryotes and Bacteria. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-16.	0.8	151
1788	Mechanisms of Mutation. , 2010, , 3-14.		0
1789	Editorial [Targeting Genetic Instability in Cancer Cells (Guest Editor: Francesco Colotta)]. <i>Current Drug Targets</i> , 2010, 11, 1293-1295.	1.0	0
1790	Role of Double-Stranded DNA Translocase Activity of Human HLTF in Replication of Damaged DNA. <i>Molecular and Cellular Biology</i> , 2010, 30, 684-693.	1.1	158
1792	A New Isoquinolinium Derivative, Cadein1, Preferentially Induces Apoptosis in p53-defective Cancer Cells with Functional Mismatch Repair via a p38-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 2986-2995.	1.6	11
1793	Processing of O ⁶ -methylguanine into DNA double-strand breaks requires two rounds of replication whereas apoptosis is also induced in subsequent cell cycles. <i>Cell Cycle</i> , 2010, 9, 168-178.	1.3	128
1794	Hereditary Colorectal Cancer. , 2010, , .		1
1795	Polymorphisms in hMSH2 and hMLH1 and response to platinum-based chemotherapy in advanced non-small-cell lung cancer patients. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 311-317.	0.9	14
1796	Analysis of the hMSH2 Gene Variants in Head and Neck Cancer. <i>DNA and Cell Biology</i> , 2010, 29, 449-457.	0.9	4
1797	Selenium Compounds Activate ATM-dependent DNA Damage Response via the Mismatch Repair Protein hMLH1 in Colorectal Cancer Cells*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33010-33017.	1.6	45
1798	Mph1 requires mismatch repair-independent and -dependent functions of MutS β to regulate crossover formation during homologous recombination repair. <i>Nucleic Acids Research</i> , 2010, 38, 1889-1901.	6.5	23

#	ARTICLE	IF	CITATIONS
1799	Cyclin E and histone H3 levels are regulated by 5-fluorouracil in a DNA mismatch repair-dependent manner. <i>Cancer Biology and Therapy</i> , 2010, 10, 1147-1156.	1.5	10
1800	The Spindle-Assembly Checkpoint, Aneuploidy, and Gastrointestinal Cancer. <i>New England Journal of Medicine</i> , 2010, 363, 2665-2666.	13.9	17
1801	Molecular Testing in Colorectal Carcinoma. <i>Surgical Pathology Clinics</i> , 2010, 3, 429-445.	0.7	1
1802	An Msh2 Conditional Knockout Mouse for Studying Intestinal Cancer and Testing Anticancer Agents. <i>Gastroenterology</i> , 2010, 138, 993-1002.e1.	0.6	89
1803	Microsatellite Instability in Colorectal Cancer. <i>Gastroenterology</i> , 2010, 138, 2073-2087.e3.	0.6	1,779
1804	Human Gene Mutation: Mechanisms and Consequences. , 2010, , 319-363.		6
1805	Comparative Genomics. , 2010, , 557-587.		0
1808	Conditional inactivation of MLH1 in thymic and naive T-cells in mice leads to a limited incidence of lymphoblastic T-cell lymphomas. <i>Leukemia and Lymphoma</i> , 2010, 51, 1875-1886.	0.6	11
1809	Frequency of Deletions of EPCAM (TACSTD1) in MSH2-Associated Lynch Syndrome Cases. <i>Journal of Molecular Diagnostics</i> , 2011, 13, 93-99.	1.2	79
1810	A two-antibody mismatch repair protein immunohistochemistry screening approach for colorectal carcinomas, skin sebaceous tumors, and gynecologic tract carcinomas. <i>Modern Pathology</i> , 2011, 24, 1004-1014.	2.9	107
1811	Microsatellite Instability and Colorectal Cancer. <i>Archives of Pathology and Laboratory Medicine</i> , 2011, 135, 1269-1277.	1.2	110
1812	Studies of genomic copy number changes in human cancers reveal signatures of DNA replication stress. <i>Molecular Oncology</i> , 2011, 5, 308-314.	2.1	69
1813	Molecular Basis of Hereditary Colorectal Cancer. <i>Seminars in Colon and Rectal Surgery</i> , 2011, 22, 65-70.	0.2	3
1814	Strategies to Identify the Lynch Syndrome Among Patients With Colorectal Cancer. <i>Annals of Internal Medicine</i> , 2011, 155, 69.	2.0	303
1815	The origins of cancer robustness and evolvability. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 17-30.	0.6	144
1816	Synchronous gynecologic malignancy and preliminary results of Lynch syndrome. <i>Journal of Gynecologic Oncology</i> , 2011, 22, 233.	1.0	20
1817	DNA Repair in Embryonic Stem Cells. , 2011, , .		0
1818	Biochemical Properties of MutL, a DNA Mismatch Repair Endonuclease. , 0, , .		4

#	ARTICLE	IF	CITATIONS
1819	Exploiting the Nucleotide Substrate Specificity of Repair DNA Polymerases To Develop Novel Anticancer Agents. <i>Molecules</i> , 2011, 16, 7994-8019.	1.7	13
1820	Lymphocyte-rich Renal Cell Carcinoma. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2011, 19, 519-527.	0.6	2
1821	Development of Genetic Testing for Breast, Ovarian and Colorectal Cancer Predisposition: A Step Closer to Targeted Cancer Prevention. <i>Current Drug Targets</i> , 2011, 12, 1974-1982.	1.0	2
1822	Synthetic lethality: exploiting the addiction of cancer to DNA repair. <i>Blood</i> , 2011, 117, 6074-6082.	0.6	171
1823	The mismatch repair pathway functions normally at a non-AID target in germinal center B cells. <i>Blood</i> , 2011, 118, 3013-3018.	0.6	10
1825	Characterization of two Ashkenazi Jewish founder mutations in MSH6 gene causing Lynch syndrome. <i>Clinical Genetics</i> , 2011, 79, 512-522.	1.0	27
1826	Pitfalls in molecular analysis for mismatch repair deficiency in a family with biallelic pms2 germline mutations. <i>Clinical Genetics</i> , 2011, 80, 558-565.	1.0	25
1827	Mismatch repair causes the dynamic release of an essential DNA polymerase from the replication fork. <i>Molecular Microbiology</i> , 2011, 82, 648-663.	1.2	22
1828	Harnessing synthetic lethal interactions in anticancer drug discovery. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 351-364.	21.5	236
1829	Concurrent genetic alterations in DNA polymerase proofreading and mismatch repair in human colorectal cancer. <i>European Journal of Human Genetics</i> , 2011, 19, 320-325.	1.4	67
1830	Transient suppression of MLH1 allows effective single-nucleotide substitution by single-stranded DNA oligonucleotides. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 52-60.	0.4	14
1831	Hereditary Colon Cancer Syndromes. <i>Seminars in Oncology</i> , 2011, 38, 490-499.	0.8	55
1832	Challenges in the Management of Stage II Colon Cancer. <i>Seminars in Oncology</i> , 2011, 38, 511-520.	0.8	85
1833	Antimutator variants of DNA polymerases. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2011, 46, 548-570.	2.3	24
1834	Yeast: An Experimental Organism for 21st Century Biology. <i>Genetics</i> , 2011, 189, 695-704.	1.2	450
1835	Tumoural specimens for forensic purposes: comparison of genetic alterations in frozen and formalin-fixed paraffin-embedded tissues. <i>International Journal of Legal Medicine</i> , 2011, 125, 327-332.	1.2	11
1836	Microsatellite instability in colorectal cancer: from molecular oncogenic mechanisms to clinical implications. <i>Cellular Oncology (Dordrecht)</i> , 2011, 34, 155-176.	2.1	53
1837	Targeted Therapies for Adrenocortical Carcinoma: IGF and Beyond. <i>Hormones and Cancer</i> , 2011, 2, 385-392.	4.9	20

#	ARTICLE	IF	CITATIONS
1838	Predictive and Prognostic Markers in Colorectal Cancer. <i>Current Oncology Reports</i> , 2011, 13, 206-215.	1.8	48
1839	Lynch II syndrome: a case report. <i>BMC Geriatrics</i> , 2011, 11, A58.	1.1	0
1840	Deficiency in DNA mismatch repair increases the rate of telomere shortening in normal human cells. <i>Human Mutation</i> , 2011, 32, 939-946.	1.1	34
1841	Novel LOVD databases for hereditary breast cancer and colorectal cancer genes in the Chinese population. <i>Human Mutation</i> , 2011, 32, 1335-1340.	1.1	15
1842	Role of Genetic Susceptibility in Development of Treatment-Related Adverse Outcomes in Cancer Survivors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 2048-2067.	1.1	39
1843	The Biology of HIF \pm Proteins in Cell Differentiation and Disease. <i>Vitamins and Hormones</i> , 2011, 87, 367-379.	0.7	6
1844	Aldosterone/Mineralocorticoid Receptor Stimulation Induces Cellular Senescence in the Kidney. <i>Endocrinology</i> , 2011, 152, 680-688.	1.4	52
1845	Expansions, contractions, and fragility of the spinocerebellar ataxia type 10 pentanucleotide repeat in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2843-2848.	3.3	47
1846	G-C heterozygosis in mutS homolog2 as a risk factor to hereditary nonpolyposis colon cancer in the absence of a family medical history. <i>Indian Journal of Human Genetics</i> , 2011, 17, 90.	0.7	0
1847	Prioritizing candidate disease genes by network-based boosting of genome-wide association data. <i>Genome Research</i> , 2011, 21, 1109-1121.	2.4	646
1848	Somatic deletions of genes regulating MSH2 protein stability cause DNA mismatch repair deficiency and drug resistance in human leukemia cells. <i>Nature Medicine</i> , 2011, 17, 1298-1303.	15.2	133
1849	Lynch Syndrome-Associated Extracolonic Tumors Are Rare in Two Extended Families With the Same EPCAM Deletion. <i>American Journal of Gastroenterology</i> , 2011, 106, 1829-1836.	0.2	50
1850	Evidence for ATP-dependent Structural Rearrangement of Nuclease Catalytic Site in DNA Mismatch Repair Endonuclease MutL. <i>Journal of Biological Chemistry</i> , 2011, 286, 42337-42348.	1.6	21
1851	Colorectal cancer susceptibility loci on chromosome 8q23.3 and 11q23.1 as modifiers for disease expression in lynch syndrome. <i>Journal of Medical Genetics</i> , 2011, 48, 279-284.	1.5	44
1852	Sputum-Based Molecular Biomarkers for the Early Detection of Lung Cancer: Limitations and Promise. <i>Cancers</i> , 2011, 3, 2975-2989.	1.7	12
1853	Acquisition of Genetic Aberrations by Activation-Induced Cytidine Deaminase (AID) during Inflammation-Associated Carcinogenesis. <i>Cancers</i> , 2011, 3, 2750-2766.	1.7	4
1854	The Prevalence of Familial Hyperaldosteronism in Apparently Sporadic Primary Aldosteronism in Germany: a Single Center Experience. <i>Hormone and Metabolic Research</i> , 2012, 44, 215-220.	0.7	31
1855	A Five-marker Panel in a Multiplex PCR Accurately Detects Microsatellite Instability-high Colorectal Tumors Without Control DNA. <i>Diagnostic Molecular Pathology</i> , 2012, 21, 127-133.	2.1	43

#	ARTICLE	IF	CITATIONS
1856	Ectopic Expression of Human MutS Homologue 2 on Renal Carcinoma Cells Is Induced by Oxidative Stress with Interleukin-18 Promotion via p38 Mitogen-activated Protein Kinase (MAPK) and c-Jun N-terminal Kinase (JNK) Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 19242-19254.	1.6	30
1857	DNA Mismatch Repair Complex MutS ² Promotes GAA•TTC Repeat Expansion in Human Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 29958-29967.	1.6	56
1858	Microsatellite Instability and DNA Mismatch Repair Protein Deficiency in Lynch Syndrome Colorectal Polyps. <i>Cancer Prevention Research</i> , 2012, 5, 574-582.	0.7	100
1859	Health Behaviors in Patients and Families with Hereditary Colorectal Cancer. <i>Clinics in Colon and Rectal Surgery</i> , 2012, 25, 111-117.	0.5	10
1861	Up-regulation of miR-1245 by c-myc targets BRCA2 and impairs DNA repair. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 108-117.	1.5	40
1862	Whole-exome sequencing of human pancreatic cancers and characterization of genomic instability caused by <i>MLH1</i> haploinsufficiency and complete deficiency. <i>Genome Research</i> , 2012, 22, 208-219.	2.4	107
1863	Defective DNA Mismatch Repair-dependent c-Abl-p73-GADD45 [±] Expression Confers Cancer Chemoresistance. , 2012, , 191-210.		0
1864	Lynch or Not Lynch? Is that Always a Question?. <i>Advances in Cancer Research</i> , 2012, 113, 121-166.	1.9	31
1865	Chromatin Organizer SATB1 As a Novel Molecular Target for Cancer Therapy. <i>Current Drug Targets</i> , 2012, 13, 1603-1615.	1.0	34
1867	Reflex Immunohistochemistry and Microsatellite Instability Testing of Colorectal Tumors for Lynch Syndrome Among US Cancer Programs and Follow-Up of Abnormal Results. <i>Journal of Clinical Oncology</i> , 2012, 30, 1058-1063.	0.8	186
1868	Residues in the N-Terminal Domain of MutL Required for Mismatch Repair in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2012, 194, 5361-5367.	1.0	16
1869	Rapid generation of rice mutants via the dominant negative suppression of the mismatch repair protein OsPMS1. <i>Theoretical and Applied Genetics</i> , 2012, 125, 975-986.	1.8	24
1870	Impact of genetic testing on endometrial cancer risk-reducing practices in women at risk for Lynch syndrome. <i>Gynecologic Oncology</i> , 2012, 127, 544-551.	0.6	20
1872	MSH3 Protein Expression and Nodal Status in MLH1-Deficient Colorectal Cancers. <i>Clinical Cancer Research</i> , 2012, 18, 3142-3153.	3.2	21
1873	Subsequent Malignant Neoplasms after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2012, 18, S139-S150.	2.0	38
1874	Target genes of microsatellite sequences in head and neck squamous cell carcinoma: Mononucleotide repeats are not detected. <i>Gene</i> , 2012, 506, 195-201.	1.0	4
1875	The effects of deregulated DNA damage signalling on cancer chemotherapy response and resistance. <i>Nature Reviews Cancer</i> , 2012, 12, 587-598.	12.8	509
1876	Lynch Syndrome: History, Causes, Diagnosis, Treatment and Prevention (CAPP2 Trial). <i>Digestive Diseases</i> , 2012, 30, 39-47.	0.8	14

#	ARTICLE	IF	CITATIONS
1877	Electronic Waste electronic electronic waste and Its Regulation electronic electronic waste regulation. , 2012, , 3443-3449.		0
1880	DNA Repair in Human Pluripotent Stem Cells Is Distinct from That in Non-Pluripotent Human Cells. PLoS ONE, 2012, 7, e30541.	1.1	52
1881	Frequent Alteration of the Tumor Suppressor Gene APC in Sporadic Canine Colorectal Tumors. PLoS ONE, 2012, 7, e50813.	1.1	22
1882	DNA Repair Genes: Alternative Transcription and Gene Expression at the Exon Level in Response to the DNA Damaging Agent, Ionizing Radiation. PLoS ONE, 2012, 7, e53358.	1.1	30
1883	A novel germline MLH1 mutation causing Lynch Syndrome in patients from the Republic of Macedonia. Croatian Medical Journal, 2012, 53, 496-501.	0.2	3
1884	Endometrial cancer six years after colon cancer in Lynch syndrome: Single institution case in Korea. Korean Journal of Obstetrics & Gynecology, 2012, 55, 870.	0.1	2
1885	Updates from the Intestinal Front Line: Autophagic Weapons against Inflammation and Cancer. Cells, 2012, 1, 535-557.	1.8	10
1886	Somatic mutations in aging, cancer and neurodegeneration. Mechanisms of Ageing and Development, 2012, 133, 118-126.	2.2	180
1887	Tumor spectrum in lynch syndrome, DNA mismatch repair system and endogenous carcinogens. Journal of Surgical Oncology, 2012, 106, 10-16.	0.8	8
1888	Plasmodium falciparum MLH is schizont stage specific endonuclease. Molecular and Biochemical Parasitology, 2012, 181, 153-161.	0.5	17
1889	Flanking nucleotide specificity for DNA mismatch repair-deficient frameshifts within Activin Receptor 2 (ACVR2). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 729, 73-80.	0.4	6
1890	Individuals at high-risk for pancreatic cancer development: Management options and the role of surgery. Surgical Oncology, 2012, 21, e49-e58.	0.8	5
1891	Inflammation-mediated genomic instability: roles of activation-induced cytidine deaminase in carcinogenesis. Cancer Science, 2012, 103, 1201-1206.	1.7	83
1892	A meta-analysis of the prevalence of somatic mutations in the <i>hMLH1</i> and <i>hMSH2</i> genes in colorectal cancer. Colorectal Disease, 2012, 14, e80-9.	0.7	13
1893	Molecular chaperones in mammary cancer growth and breast tumor therapy. Journal of Cellular Biochemistry, 2012, 113, 1096-1103.	1.2	52
1894	<i>EGFR</i> exon 19 in-frame deletion and polymorphisms of DNA repair genes in never-smoking female lung adenocarcinoma patients. International Journal of Cancer, 2013, 132, 449-458.	2.3	12
1895	Cancer of the Colon and Gastrointestinal Tract. , 2013, , 1-35.		0
1896	Continuing difficulties in interpreting CNV data: lessons from a genome-wide CNV association study of Australian HNPCC/lynch syndrome patients. BMC Medical Genomics, 2013, 6, 10.	0.7	21

#	ARTICLE	IF	CITATIONS
1897	Human Gene Mutation in Inherited Disease. , 2013, , 1-48.		6
1898	Deubiquitylating Enzymes and DNA Damage Response Pathways. Cell Biochemistry and Biophysics, 2013, 67, 25-43.	0.9	77
1899	Chemotherapy of MMR-deficient colorectal cancer. Familial Cancer, 2013, 12, 301-306.	0.9	46
1900	Chemoprevention in Lynch syndrome. Familial Cancer, 2013, 12, 707-718.	0.9	57
1901	The mechanism of mismatch repair and the functional analysis of mismatch repair defects in Lynch syndrome. Familial Cancer, 2013, 12, 159-168.	0.9	65
1902	Contributions of molecular analysis to the diagnosis and treatment of gastrointestinal neoplasms. Seminars in Diagnostic Pathology, 2013, 30, 329-361.	1.0	13
1903	Therapy-Related Myelodysplasia and Acute Myeloid Leukemia. Seminars in Oncology, 2013, 40, 666-675.	0.8	155
1904	Decoding the Histone Code: Role of H3K36me3 in Mismatch Repair and Implications for Cancer Susceptibility and Therapy. Cancer Research, 2013, 73, 6379-6383.	0.4	36
1906	A Study of Cancer Heterogeneity: From Genetic Instability to Epigenetic Diversity in Colorectal Cancer. , 2013, , 363-388.		3
1907	Historical review of Lynch syndrome. Journal of Coloproctology, 2013, 33, 095-110.	0.1	8
1909	Trapping and visualizing intermediate steps in the mismatch repair pathway <i>in vivo</i> . Molecular Microbiology, 2013, 90, 680-698.	1.2	28
1910	Mismatch Repair Proteins in Recurrent Prostate Cancer. Advances in Clinical Chemistry, 2013, 60, 65-84.	1.8	9
1911	Cell-cycle and DNA damage regulation of the DNA mismatch repair protein Msh2 occurs at the transcriptional and post-transcriptional level. DNA Repair, 2013, 12, 97-109.	1.3	13
1912	Heat shock proteins and heat shock factor 1 in carcinogenesis and tumor development: an update. Archives of Toxicology, 2013, 87, 19-48.	1.9	228
1913	Genetics, Inheritance and Strategies for Prevention in Populations at High Risk of Colorectal Cancer (CRC). Recent Results in Cancer Research, 2013, 191, 157-183.	1.8	33
1914	Combined analysis of three lynch syndrome cohorts confirms the modifying effects of 8q23.3 and 11q23.1 in MLH1 mutation carriers. International Journal of Cancer, 2013, 132, 1556-1564.	2.3	33
1915	DNA mismatch repair protein MSH2 dictates cellular survival in response to low dose radiation in endometrial carcinoma cells. Cancer Letters, 2013, 335, 19-25.	3.2	14
1916	The serrated pathway to colorectal carcinoma: current concepts and challenges. Histopathology, 2013, 62, 367-386.	1.6	377

#	ARTICLE	IF	CITATIONS
1917	<sc>DnaN</sc> clamp zones provide a platform for spatiotemporal coupling of mismatch detection to <sc>DNA</sc> replication. <i>Molecular Microbiology</i> , 2013, 87, 553-568.	1.2	44
1918	The yin and yang of repair mechanisms in DNA structure-induced genetic instability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2013, 743-744, 118-131.	0.4	22
1919	Evaluating the Effect of Unclassified Variants Identified in MMR Genes Using Phenotypic Features, Bioinformatics Prediction, and RNA Assays. <i>Journal of Molecular Diagnostics</i> , 2013, 15, 380-390.	1.2	7
1920	The History of Lynch Syndrome. <i>Familial Cancer</i> , 2013, 12, 145-157.	0.9	76
1921	Indazole-Based Potent and Cell-Active Mps1 Kinase Inhibitors: Rational Design from Pan-Kinase Inhibitor Anthrapyrazolone (SP600125). <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4343-4356.	2.9	39
1922	The detection and implication of genome instability in cancer. <i>Cancer and Metastasis Reviews</i> , 2013, 32, 341-352.	2.7	138
1923	MutS stimulates the endonuclease activity of MutL in an <sc>ATP</sc>-hydrolysis-dependent manner. <i>FEBS Journal</i> , 2013, 280, 3467-3479.	2.2	22
1924	Molecular Mechanisms and Functions of DNA Mismatch Repair. , 2013, , 25-45.		1
1925	Novel drug discovery opportunities for colorectal cancer. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 1153-1164.	2.5	19
1927	Non-Hodgkinâ€™s B-cell lymphoma: Advances in molecular strategies targeting drug resistance. <i>Experimental Biology and Medicine</i> , 2013, 238, 971-990.	1.1	52
1928	Mutation mismatch repair gene deletions in diffuse large B-cell lymphoma. <i>Leukemia and Lymphoma</i> , 2013, 54, 1079-1086.	0.6	12
1929	The 2013 Thomas Hunt Morgan Medal. <i>Genetics</i> , 2013, 194, 1-4.	1.2	0
1930	Different Roles of Eukaryotic MutS and MutL Complexes in Repair of Small Insertion and Deletion Loops in Yeast. <i>PLoS Genetics</i> , 2013, 9, e1003920.	1.5	33
1931	Maintenance of Genomic Stability in Mouse Embryonic Stem Cells: Relevance in Aging and Disease. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2617-2636.	1.8	21
1932	Molecular Pathways Involved in Colorectal Cancer: Implications for Disease Behavior and Prevention. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16365-16385.	1.8	354
1933	Generators of Phenotypic Diversity in the Evolution of Pathogenic Microorganisms. <i>PLoS Pathogens</i> , 2013, 9, e1003181.	2.1	37
1934	Changes in screening behaviors and attitudes toward screening from pre-test genetic counseling to post-disclosure in Lynch syndrome families. <i>Clinical Genetics</i> , 2013, 83, 215-220.	1.0	22
1935	Clinical Genomic Database. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9851-9855.	3.3	110

#	ARTICLE	IF	CITATIONS
1936	A Classification Framework Applied to Cancer Gene Expression Profiles. <i>Journal of Healthcare Engineering</i> , 2013, 4, 255-284.	1.1	39
1937	Era of universal testing of microsatellite instability in colorectal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2013, 5, 12.	0.8	58
1938	Novel DNA Variants and Mutation Frequencies of hMLH1 and hMSH2 Genes in Colorectal Cancer in the Northeast China Population. <i>PLoS ONE</i> , 2013, 8, e60233.	1.1	14
1939	One case of endometrial cancer occurrence: Over 10 years after colon cancer in Lynch family. <i>Obstetrics and Gynecology Science</i> , 2013, 56, 408.	0.6	3
1940	Mismatch Repair Deficient Mice Show Susceptibility to Oxidative Stress-Induced Intestinal Carcinogenesis. <i>International Journal of Biological Sciences</i> , 2014, 10, 73-79.	2.6	22
1941	Translating Mismatch Repair Mechanism into Cancer Care. <i>Current Drug Targets</i> , 2014, 15, 53-64.	1.0	13
1942	Additional Diseases Associated with Defective Responses to DNA Damage. , 2014, , 979-999.		0
1944	Guidelines on genetic evaluation and management of Lynch syndrome: A consensus statement by the U.S. Multi-Society Task Force on Colorectal Cancer. <i>Gastrointestinal Endoscopy</i> , 2014, 80, 197-220.	0.5	48
1945	Clinical importance of recently discovered gene variants in colon cancer recurrence and prognosis. <i>Colorectal Cancer</i> , 2014, 3, 147-162.	0.8	0
1946	Am I My Genes? Perceived Genetic Etiology, Intrapersonal Processes, and Health. <i>Social and Personality Psychology Compass</i> , 2014, 8, 626-637.	2.0	13
1947	Clinicopathological and genetic features of Chinese hereditary nonpolyposis colorectal cancer (HNPCC). <i>Medical Oncology</i> , 2014, 31, 223.	1.2	18
1949	Involvement of DNA Damage Response Pathways in Hepatocellular Carcinoma. <i>BioMed Research International</i> , 2014, 2014, 1-18.	0.9	68
1950	The dual nature of mismatch repair as antimutator and mutator: for better or for worse. <i>Frontiers in Genetics</i> , 2014, 5, 287.	1.1	42
1951	Cell-free nucleic acids as noninvasive biomarkers for colorectal cancer detection. <i>Frontiers in Genetics</i> , 2014, 5, 182.	1.1	27
1952	Clinical significance of mismatch repair gene expression in sporadic colorectal cancer. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 1416-1422.	0.8	17
1953	Lynch Syndrome from a surgeon perspective: retrospective study of clinical impact of mismatch repair protein expression analysis in colorectal cancer patients less than 50 years old. <i>BMC Surgery</i> , 2014, 14, 9.	0.6	7
1954	Evolutionarily conserved genetic interactions with budding and fission yeast MutS identify orthologous relationships in mismatch repair-deficient cancer cells. <i>Genome Medicine</i> , 2014, 6, 68.	3.6	10
1955	Molecular Predictive and Prognostic Markers of Colorectal Carcinoma. , 2014, 19, 252-255.		0

#	ARTICLE	IF	CITATIONS
1956	Mismatch Repair. , 2014, , 1-14.		0
1957	Emerging roles of Jab1/CSN5 in DNA damage response, DNA repair, and cancer. <i>Cancer Biology and Therapy</i> , 2014, 15, 256-262.	1.5	53
1958	NMR Characterization of the Interaction of the Endonuclease Domain of MutL with Divalent Metal Ions and ATP. <i>PLoS ONE</i> , 2014, 9, e98554.	1.1	7
1959	microRNAs: The Short Link between Cancer and RT-Induced DNA Damage Response. <i>Frontiers in Oncology</i> , 2014, 4, 133.	1.3	8
1960	Visualizing protein movement on DNA at the single-molecule level using DNA curtains. <i>DNA Repair</i> , 2014, 20, 94-109.	1.3	28
1961	Inter-individual variation in DNA repair capacity: A need for multi-pathway functional assays to promote translational DNA repair research. <i>DNA Repair</i> , 2014, 19, 199-213.	1.3	75
1962	Patients With Colorectal Tumors With Microsatellite Instability and Large Deletions in HSP110 T17 Have Improved Response to 5-Fluorouracil-Based Chemotherapy. <i>Gastroenterology</i> , 2014, 146, 401-411.e1.	0.6	62
1963	Clinical significance of microsatellite instability in colorectal cancer. <i>Langenbeck's Archives of Surgery</i> , 2014, 399, 23-31.	0.8	52
1964	History, Genetics, and Strategies for Cancer Prevention in Lynch Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 715-727.	2.4	65
1965	Historical Perspective and Current Challenges of Cancer Genomics. , 2014, , 3-10.		0
1966	Genomics of Colorectal Cancer. , 2014, , 247-264.		2
1967	Interplay between DNA repair and inflammation, and the link to cancer. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2014, 49, 116-139.	2.3	128
1968	Active demethylation of the IL-2 Promoter in CD4+ T cells is mediated by an inducible DNA glycosylase, Myh. <i>Molecular Immunology</i> , 2014, 58, 38-49.	1.0	5
1969	Mismatch Repair Gene Polymorphisms and Association with Lung Cancer Development. <i>Advances in Experimental Medicine and Biology</i> , 2014, 833, 15-22.	0.8	12
1970	Guidelines on Genetic Evaluation and Management of Lynch Syndrome: A Consensus Statement by the US Multi-Society Task Force on Colorectal Cancer. <i>American Journal of Gastroenterology</i> , 2014, 109, 1159-1179.	0.2	363
1971	Guidelines on Genetic Evaluation and Management of Lynch Syndrome: A Consensus Statement by the US Multi-Society Task Force on Colorectal Cancer. <i>Gastroenterology</i> , 2014, 147, 502-526.	0.6	397
1972	Transcriptome instability as a molecular pan-cancer characteristic of carcinomas. <i>BMC Genomics</i> , 2014, 15, 672.	1.2	15
1973	Emerging importance of mismatch repair components including UvrD helicase and their cross-talk with the development of drug resistance in malaria parasite. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 770, 54-60.	0.4	11

#	ARTICLE	IF	CITATIONS
1974	Dietary B vitamin and methionine intake and MTHFR C677T genotype on risk of colorectal tumors in Lynch syndrome: the GEOlynch cohort study. <i>Cancer Causes and Control</i> , 2014, 25, 1119-1129.	0.8	13
1975	Prognostic significance of hMLH1/hMSH2 gene mutations and hMLH1 promoter methylation in sporadic colorectal cancer. <i>Medical Oncology</i> , 2014, 31, 39.	1.2	7
1976	The prognostic significance of polymorphisms in hMLH1/hMSH2 for colorectal cancer. <i>Medical Oncology</i> , 2014, 31, 975.	1.2	5
1977	Mismatch Repair. , 0, , 389-447.		0
1978	Ultraviolet Damage, DNA Repair and Vitamin D in Nonmelanoma Skin Cancer and in Malignant Melanoma. , 2014, 810, 208-233.		56
1980	Sequencing study on familial lung squamous cancer. <i>Oncology Letters</i> , 2015, 10, 2634-2638.	0.8	8
1982	Clinical significance of mismatch repair genes immunohistochemical expression of complex endometrial hyperplasia. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 106.	0.6	4
1983	Genomic instability and carcinogenesis. , 0, , 93-112.		0
1985	Colorectal Surgery in Lynch Syndrome Patients: When and How?. <i>Current Colorectal Cancer Reports</i> , 2015, 11, 45-53.	1.0	5
1986	Mismatch Repair during Homologous and Homeologous Recombination. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a022657.	2.3	146
1987	Expression of human DNA mismatch-repair protein, hMSH2, in patients with oral lichen planus. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 203-206.	0.8	1
1988	How MutS finds a needle in a haystack. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15265-15266.	3.3	0
1989	Type 1 Insulin-Like Growth Factor Receptor/Insulin Receptor Substrate 1 Signaling Confers Pathogenic Activity on Breast Tumor Cells Lacking REST. <i>Molecular and Cellular Biology</i> , 2015, 35, 2991-3004.	1.1	11
1990	MLH1. , 2015, , 1-10.		0
1991	Mismatch repair genes founder mutations and cancer susceptibility in Lynch syndrome. <i>Clinical Genetics</i> , 2015, 87, 507-516.	1.0	49
1992	Society of Gynecologic Oncology statement on risk assessment for inherited gynecologic cancer predispositions. <i>Gynecologic Oncology</i> , 2015, 136, 3-7.	0.6	246
1993	Milestones of Lynch syndrome: 1895â€“2015. <i>Nature Reviews Cancer</i> , 2015, 15, 181-194.	12.8	603
1994	Detection of coding microsatellite frameshift mutations in DNA mismatch repairâ€‘deficient mouse intestinal tumors. <i>Molecular Carcinogenesis</i> , 2015, 54, 1376-1386.	1.3	33

#	ARTICLE	IF	CITATIONS
1995	ACG Clinical Guideline: Genetic Testing and Management of Hereditary Gastrointestinal Cancer Syndromes. <i>American Journal of Gastroenterology</i> , 2015, 110, 223-262.	0.2	1,204
1996	Using tumour phylogenetics to identify the roots of metastasis in humans. <i>Nature Reviews Clinical Oncology</i> , 2015, 12, 258-272.	12.5	122
1997	Intronic and promoter polymorphisms of hMLH1/hMSH2 and colorectal cancer risk in Heilongjiang Province of China. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1393-1404.	1.2	4
1998	A novel deletion in the splice donor site of MLH1 exon 6 in a Japanese colon cancer patient with Lynch syndrome. <i>Japanese Journal of Clinical Oncology</i> , 2015, 45, 993-997.	0.6	1
1999	American Gastroenterological Association Technical Review on the Diagnosis and Management of Lynch Syndrome. <i>Gastroenterology</i> , 2015, 149, 783-813.e20.	0.6	51
2000	The Tumor Suppressor BCL7B Functions in the Wnt Signaling Pathway. <i>PLoS Genetics</i> , 2015, 11, e1004921.	1.5	33
2001	Upper Urinary Tract Urothelial Carcinoma. , 2015, , .		0
2002	Cancer Immunotherapy with Vaccines and Checkpoint Blockade. , 2015, , 709-738.e8.		0
2003	Potential role of Escherichia coli DNA mismatch repair proteins in colon cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 96, 475-482.	2.0	36
2004	Comparison of clinical features between suspected familial colorectal cancer type X and Lynch syndrome in Japanese patients with colorectal cancer: a cross-sectional study conducted by the Japanese Society for Cancer of the Colon and Rectum. <i>Japanese Journal of Clinical Oncology</i> , 2015, 45, 153-159.	0.6	28
2005	Genomic instability in human cancer: Molecular insights and opportunities for therapeutic attack and prevention through diet and nutrition. <i>Seminars in Cancer Biology</i> , 2015, 35, S5-S24.	4.3	231
2006	Small-angle X-ray scattering analysis reveals the ATP-bound monomeric state of the ATPase domain from the homodimeric MutL endonuclease, a GHKL phosphotransferase superfamily protein. <i>Extremophiles</i> , 2015, 19, 643-656.	0.9	6
2007	Management of ovarian and endometrial cancers in women belonging to HNPCC carrier families: review of the literature and results of cancer risk assessment in Polish HNPCC families. <i>Hereditary Cancer in Clinical Practice</i> , 2015, 13, 3.	0.6	11
2008	Concomitant mutation and epimutation of the MLH1 gene in a Lynch syndrome family. <i>Carcinogenesis</i> , 2015, 36, 452-458.	1.3	32
2009	Novel MSH2 Mutation in the First Report of a Vietnamese-American Kindred with Lynch Syndrome. <i>Gynecologic Oncology Reports</i> , 2015, 12, 31-33.	0.3	0
2010	Exonuclease 1-dependent and independent mismatch repair. <i>DNA Repair</i> , 2015, 32, 24-32.	1.3	115
2011	Identification of novel hereditary cancer genes by whole exome sequencing. <i>Cancer Letters</i> , 2015, 369, 274-288.	3.2	31
2012	Single-molecule motions and interactions in live cells reveal target search dynamics in mismatch repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6898-906.	3.3	72

#	ARTICLE	IF	CITATIONS
2014	Mismatch Repair. <i>Journal of Biological Chemistry</i> , 2015, 290, 26395-26403.	1.6	181
2015	Deficient mismatch repair in colorectal cancer: current perspectives on patient management and future directions. <i>Colorectal Cancer</i> , 2015, 4, 69-83.	0.8	0
2016	The functional relevance of somatic synonymous mutations in melanoma and other cancers. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 673-684.	1.5	47
2017	MCM9 Is Required for Mammalian DNA Mismatch Repair. <i>Molecular Cell</i> , 2015, 59, 831-839.	4.5	64
2018	Survivors of Childhood and Adolescent Cancer. <i>Pediatric Oncology</i> , 2015, , .	0.5	8
2020	Genomic Instability and Cancer Metastasis. <i>Cancer Metastasis - Biology and Treatment</i> , 2015, , .	0.1	1
2021	Effects of temozolomide (TMZ) on the expression and interaction of heat shock proteins (HSPs) and DNA repair proteins in human malignant glioma cells. <i>Cell Stress and Chaperones</i> , 2015, 20, 253-265.	1.2	36
2023	<i><i><sc>BRCA1</sc></i> and <i><i><sc>BRCA2</sc></i> mutations and the risk for colorectal cancer. <i>Clinical Genetics</i>, 2015, 87, 411-418.</i></i>	1.0	73
2024	Genomic Instability of Pluripotent Stem Cells: Origin and Consequences. , 2016, , .		2
2025	Microsatellite Instability and its Significance to Hereditary and Sporadic Cancer. , 0, , .		6
2026	Mouse models for the discovery of colorectal cancer driver genes. <i>World Journal of Gastroenterology</i> , 2016, 22, 815.	1.4	8
2027	Bibliometric analysis of the top-cited gastroenterology and hepatology articles. <i>BMJ Open</i> , 2016, 6, e009889.	0.8	42
2028	MDM2 promoter SNP55 (rs2870820) affects risk of colon cancer but not breast-, lung-, or prostate cancer. <i>Scientific Reports</i> , 2016, 6, 33153.	1.6	8
2029	Modeling the Etiology of p53-mutated Cancer Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 10131-10147.	1.6	7
2030	Epigenetic Determinants of Cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019505.	2.3	834
2031	The 100 most influential manuscripts in colorectal cancer: A bibliometric analysis. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2016, 14, 327-336.	0.8	27
2032	Mismatch Repair and Colon Cancer: Mechanisms and Therapies Explored. <i>Trends in Molecular Medicine</i> , 2016, 22, 274-289.	3.5	136
2033	A Personal Tribute to 2015 Nobel Laureate Paul Modrich. <i>DNA Repair</i> , 2016, 37, A14-A21.	1.3	3

#	ARTICLE	IF	CITATIONS
2034	Approaches to Inactivate Genes in Zebrafish. <i>Advances in Experimental Medicine and Biology</i> , 2016, 916, 61-86.	0.8	5
2035	Structural Features and Functional Dependency on $\hat{\tau}$ -Clamp Define Distinct Subfamilies of Bacterial Mismatch Repair Endonuclease MutL. <i>Journal of Biological Chemistry</i> , 2016, 291, 16990-17000.	1.6	17
2036	Cancer and Genomic Instability. , 2016, , 463-486.		1
2037	Genomic Instability and Aging. , 2016, , 511-525.		3
2038	Colon Cancer Germline Genetics: The Unbelievable Year 1993 and Thereafter. <i>Cancer Research</i> , 2016, 76, 4025-4027.	0.4	1
2039	Familial Colorectal Cancer: Understanding the Alphabet Soup. <i>Clinics in Colon and Rectal Surgery</i> , 2016, 29, 185-195.	0.5	13
2040	Mismatch Repair Deficiency and Response to Immune Checkpoint Blockade. <i>Oncologist</i> , 2016, 21, 1200-1211.	1.9	211
2041	Cytotoxic and targeted therapy for hereditary cancers. <i>Hereditary Cancer in Clinical Practice</i> , 2016, 14, 17.	0.6	37
2042	The biological complexity of colorectal cancer: insights into biomarkers for early detection and personalized care. <i>Therapeutic Advances in Gastroenterology</i> , 2016, 9, 861-886.	1.4	44
2043	Evolutionary constraints over microsatellite abundance in larger mammals as a potential mechanism against carcinogenic burden. <i>Scientific Reports</i> , 2016, 6, 25246.	1.6	4
2044	Celebrating the work of Nobel Laureate Paul Modrich. <i>Science China Life Sciences</i> , 2016, 59, 93-96.	2.3	1
2045	The genetic heterogeneity of colorectal cancer predisposition - guidelines for gene discovery. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 491-510.	2.1	34
2046	<i>MSH2</i> Dysregulation Is Triggered by Proinflammatory Cytokine Stimulation and Is Associated with Liver Cancer Development. <i>Cancer Research</i> , 2016, 76, 4383-4393.	0.4	23
2047	Replication stalling and heteroduplex formation within CAG/CTG trinucleotide repeats by mismatch repair. <i>DNA Repair</i> , 2016, 42, 94-106.	1.3	34
2048	Invited review: Architectures and mechanisms of ATP binding cassette proteins. <i>Biopolymers</i> , 2016, 105, 492-504.	1.2	62
2049	A panoply of errors: polymerase proofreading domain mutations in cancer. <i>Nature Reviews Cancer</i> , 2016, 16, 71-81.	12.8	292
2050	DNA repair, genome stability and cancer: a historical perspective. <i>Nature Reviews Cancer</i> , 2016, 16, 35-42.	12.8	575
2051	The Kub5-Hera/RPRD1B interactome: a novel role in preserving genetic stability by regulating DNA mismatch repair. <i>Nucleic Acids Research</i> , 2016, 44, 1718-1731.	6.5	21

#	ARTICLE	IF	CITATIONS
2052	<i>HSP110</i> T17 simplifies and improves the microsatellite instability testing in patients with colorectal cancer. <i>Journal of Medical Genetics</i> , 2016, 53, 377-384.	1.5	46
2053	DNA mismatch repair: from biophysics to bedside. <i>DNA Repair</i> , 2016, 38, 1-2.	1.3	3
2054	A personal historical view of DNA mismatch repair with an emphasis on eukaryotic DNA mismatch repair. <i>DNA Repair</i> , 2016, 38, 3-13.	1.3	44
2055	Microsatellite Instability as a Biomarker for PD-1 Blockade. <i>Clinical Cancer Research</i> , 2016, 22, 813-820.	3.2	698
2056	Non-canonical actions of mismatch repair. <i>DNA Repair</i> , 2016, 38, 102-109.	1.3	33
2057	Endonuclease activities of MutL \pm and its homologs in DNA mismatch repair. <i>DNA Repair</i> , 2016, 38, 42-49.	1.3	54
2058	Genetic testing for Lynch syndrome: family communication and motivation. <i>Familial Cancer</i> , 2016, 15, 63-73.	0.9	42
2059	Mismatch repair defects and Lynch syndrome: The role of the basic scientist in the battle against cancer. <i>DNA Repair</i> , 2016, 38, 127-134.	1.3	46
2060	ARTIK-52 induces replication-dependent DNA damage and p53 activation exclusively in cells of prostate and breast cancer origin. <i>Cell Cycle</i> , 2016, 15, 455-470.	1.3	2
2061	Visualization of mismatch repair complexes using fluorescence microscopy. <i>DNA Repair</i> , 2016, 38, 58-67.	1.3	16
2062	<i>Molecular and Cellular Biology</i> , 2016, , 41-50.e2.		1
2063	Lynch syndrome in the 21st century: clinical perspectives. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2016, 109, 151-158.	0.2	102
2064	PMS2 monoallelic mutation carriers: the known unknown. <i>Genetics in Medicine</i> , 2016, 18, 13-19.	1.1	51
2065	Immunotherapy and patients treated for cancer with microsatellite instability. <i>Bulletin Du Cancer</i> , 2017, 104, 42-51.	0.6	64
2066	Molecular Biomarkers for the Evaluation of Colorectal Cancer: Guideline From the American Society for Clinical Pathology, College of American Pathologists, Association for Molecular Pathology, and the American Society of Clinical Oncology. <i>Journal of Clinical Oncology</i> , 2017, 35, 1453-1486.	0.8	255
2067	Molecular Biomarkers for the Evaluation of Colorectal Cancer: Guideline From the American Society for Clinical Pathology, College of American Pathologists, Association for Molecular Pathology, and American Society of Clinical Oncology. <i>Archives of Pathology and Laboratory Medicine</i> , 2017, 141, 625-657.	1.2	75
2068	Molecular Biomarkers for the Evaluation of Colorectal Cancer. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 187-225.	1.2	108
2070	An alternative model for (breast) cancer predisposition. <i>Npj Breast Cancer</i> , 2017, 3, 13.	2.3	4

#	ARTICLE	IF	CITATIONS
2071	Functional analysis of rare variants in mismatch repair proteins augments results from computation-based predictive methods. <i>Cancer Biology and Therapy</i> , 2017, 18, 519-533.	1.5	21
2072	CHD1: a new treatment biomarker for recombination deficiency in castration resistant prostate cancer?. <i>Annals of Oncology</i> , 2017, 28, 1407-1408.	0.6	0
2073	Stress-Induced Mutagenesis: Implications in Cancer and Drug Resistance. <i>Annual Review of Cancer Biology</i> , 2017, 1, 119-140.	2.3	129
2074	Molecular Genetics of Endometrial Carcinoma. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	6
2075	Traditional Approaches to Molecular Genetic Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2017, 943, 99-118.	0.8	2
2076	Enhanced Rate of Acquisition of Point Mutations in Mouse Intestinal Adenomas Compared to Normal Tissue. <i>Cell Reports</i> , 2017, 19, 2185-2192.	2.9	18
2077	Whole-Genome Sequence and Variant Analysis of W303, a Widely-Used Strain of <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2219-2226.	0.8	49
2078	MLH1. , 2017, , 893-902.		0
2079	Cis-perturbation of cancer drivers by the HTLV-1/BLV proviruses is an early determinant of leukemogenesis. <i>Nature Communications</i> , 2017, 8, 15264.	5.8	77
2080	Colorectal cancer molecular profiling: from IHC to NGS in search of optimal algorithm. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 471, 235-242.	1.4	6
2081	Molecular Biomarkers for the Evaluation of Colorectal Cancer. <i>American Journal of Clinical Pathology</i> , 2017, 147, 221-260.	0.4	32
2082	The silent mutation MLH1 c.543C>T resulting in aberrant splicing can cause Lynch syndrome: a case report. <i>Japanese Journal of Clinical Oncology</i> , 2017, 47, 576-580.	0.6	7
2083	Expanding the spectrum of germline variants in cancer. <i>Human Genetics</i> , 2017, 136, 1431-1444.	1.8	23
2084	Genome-wide association studies of cancer: current insights and future perspectives. <i>Nature Reviews Cancer</i> , 2017, 17, 692-704.	12.8	285
2085	Transcription coupled repair deficiency protects against human mutagenesis and carcinogenesis. <i>DNA Repair</i> , 2017, 58, 21-28.	1.3	11
2086	FROM FAMILIES SYNDROMES TO GENES THE FIRST CLINICAL AND GENETIC CHARACTERIZATIONS OF HEREDITARY SYNDROMES PREDISPOSING TO CANCER: WHAT WAS THE BEGINNING?. <i>Revista Médica Clínica Las Condes</i> , 2017, 28, 482-490.	0.2	1
2088	Targeting Genome Instability and DNA Repair. , 2017, , 795-805.		0
2089	Using Atomic Force Microscopy to Characterize the Conformational Properties of Proteins and Protein-DNA Complexes That Carry Out DNA Repair. <i>Methods in Enzymology</i> , 2017, 592, 187-212.	0.4	12

#	ARTICLE	IF	CITATIONS
2090	Estimating the prevalence of functional exonic splice regulatory information. <i>Human Genetics</i> , 2017, 136, 1059-1078.	1.8	26
2091	Crystal structure and DNA-binding property of the ATPase domain of bacterial mismatch repair endonuclease MutL from <i>Aquifex aeolicus</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1178-1187.	1.1	12
2092	Mismatch repair deficiency screening in colorectal carcinoma by a four-antibody immunohistochemical panel in Pakistani population and its correlation with histopathological parameters. <i>World Journal of Surgical Oncology</i> , 2017, 15, 116.	0.8	25
2093	Multilevel genomics of colorectal cancers with microsatellite instability—clinical impact of JAK1 mutations and consensus molecular subtype 1. <i>Genome Medicine</i> , 2017, 9, 46.	3.6	71
2094	Cancer predisposition syndromes: lessons for truly precision medicine. <i>Journal of Pathology</i> , 2017, 241, 226-235.	2.1	13
2095	Associations of defect mismatch repair genes with prognosis and heredity in sporadic colorectal cancer. <i>European Journal of Surgical Oncology</i> , 2017, 43, 311-321.	0.5	14
2096	The pathological consequences of impaired genome integrity in humans; disorders of the DNA replication machinery. <i>Journal of Pathology</i> , 2017, 241, 192-207.	2.1	11
2097	Uncertainties in the Management of a Lynch Syndrome Patient: A Case Report. <i>GE Portuguese Journal of Gastroenterology</i> , 2017, 24, 241-246.	0.3	1
2098	A Systematic Review on the Existing Screening Pathways for Lynch Syndrome Identification. <i>Frontiers in Public Health</i> , 2017, 5, 243.	1.3	18
2099	Transcription Factors in Breast Cancer—Lessons From Recent Genomic Analyses and Therapeutic Implications. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 107, 223-273.	1.0	14
2100	A Critical Balance: dNTPs and the Maintenance of Genome Stability. <i>Genes</i> , 2017, 8, 57.	1.0	117
2101	Modulation of Colorectal Cancer Risk by Polymorphisms in 51Gln/His, 64Ile/Val, and 148Asp/Glu of APEX Gene; 23Gly/Ala of XPA Gene; and 689Ser/Arg of ERCC4 Gene. <i>Gastroenterology Research and Practice</i> , 2017, 2017, 1-7.	0.7	7
2102	Methylation and expression of mismatch repair gene human mutS homolog 2 in myelodysplastic syndromes. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 500-505.	0.8	0
2103	A novel heterozygous germline deletion in MSH2 gene in a five generation Chinese family with Lynch syndrome. <i>Oncotarget</i> , 2017, 8, 55194-55203.	0.8	9
2104	Human DNA polymerase delta double-mutant D316A;E318A interferes with DNA mismatch repair in vitro. <i>Nucleic Acids Research</i> , 2017, 45, 9427-9440.	6.5	4
2105	Targeting DNA Repair. <i>Handbook of Experimental Pharmacology</i> , 2017, 249, 161-180.	0.9	0
2106	Inherited DNA-Repair Defects in Colorectal Cancer. <i>American Journal of Human Genetics</i> , 2018, 102, 401-414.	2.6	89
2107	Heterochronous occurrence of microsatellite instability in multiple myeloma — an implication for a role of defective DNA mismatch repair in myelomagenesis. <i>Leukemia and Lymphoma</i> , 2018, 59, 2454-2459.	0.6	5

#	ARTICLE	IF	CITATIONS
2108	Penetrance estimates for BRCA1, BRCA2 (also applied to Lynch syndrome) based on presymptomatic testing: a new unbiased method to assess risk?. <i>Journal of Medical Genetics</i> , 2018, 55, 442-448.	1.5	1
2109	Mutational signatures of DNA mismatch repair deficiency in <i>C. elegans</i> and human cancers. <i>Genome Research</i> , 2018, 28, 666-675.	2.4	112
2110	MMR Deficiency Does Not Sensitize or Compromise the Function of Hematopoietic Stem Cells to Low and High LET Radiation. <i>Stem Cells Translational Medicine</i> , 2018, 7, 513-520.	1.6	4
2111	DNA mismatch repair in cancer. , 2018, 189, 45-62.		356
2112	Update on Hereditary Colorectal Cancer: Improving the Clinical Utility of Multigene Panel Testing. <i>Clinical Colorectal Cancer</i> , 2018, 17, e293-e305.	1.0	55
2113	Hypermutated Tumors and Immune Checkpoint Inhibition. <i>Drugs</i> , 2018, 78, 155-162.	4.9	22
2114	The Human Genome. , 2018, , 121-134.		0
2115	MLH1-rheMac hereditary nonpolyposis colorectal cancer syndrome in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2806-2811.	3.3	9
2116	Single-Nucleotide Polymorphisms of the MSH2 and MLH1 Genes, Potential Molecular Markers for Susceptibility to the Development of Basal Cell Carcinoma in the Brazilian Population. <i>Pathology and Oncology Research</i> , 2018, 24, 489-496.	0.9	8
2117	Expression of the DNA repair gene <i>MLH1</i> correlates with survival in patients who have resected pancreatic cancer and have received adjuvant chemoradiation: NRG Oncology RTOG Study 9704. <i>Cancer</i> , 2018, 124, 491-498.	2.0	5
2118	The Balance Between Cytotoxic T-cell Lymphocytes and Immune Checkpoint Expression in the Prognosis of Colon Tumors. <i>Journal of the National Cancer Institute</i> , 2018, 110, 68-77.	3.0	89
2119	Phenotypic and genotypic heterogeneity of Lynch syndrome: a complex diagnostic challenge. <i>Familial Cancer</i> , 2018, 17, 403-414.	0.9	20
2120	Evaluation of current prediction models for Lynch syndrome: updating the PREMM5 model to identify PMS2 mutation carriers. <i>Familial Cancer</i> , 2018, 17, 361-370.	0.9	8
2121	Screening for germline mutations in mismatch repair genes in patients with Lynch syndrome by next generation sequencing. <i>Familial Cancer</i> , 2018, 17, 387-394.	0.9	15
2122	Mutations in context: implications of BRCA testing in diverse populations. <i>Familial Cancer</i> , 2018, 17, 471-483.	0.9	23
2123	A mutational comparison of adult and adolescent and young adult (AYA) colon cancer. <i>Cancer</i> , 2018, 124, 1070-1082.	2.0	42
2124	Mechanisms of Drug Resistance in Cancer Therapy. <i>Handbook of Experimental Pharmacology</i> , 2018, , .	0.9	1
2126	Screening for susceptibility genes in hereditary non-polyposis colorectal cancer. <i>Oncology Letters</i> , 2018, 15, 9413-9419.	0.8	13

#	ARTICLE	IF	CITATIONS
2128	Coordinated protein and DNA conformational changes govern mismatch repair initiation by MutS. <i>Nucleic Acids Research</i> , 2018, 46, 10782-10795.	6.5	28
2129	Tumor development in Japanese patients with Lynch syndrome. <i>PLoS ONE</i> , 2018, 13, e0195572.	1.1	25
2130	<i>BRCA1</i> and <i>BRCA2</i> Gene Mutations and Colorectal Cancer Risk: Systematic Review and Meta-analysis. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1178-1189.	3.0	92
2131	Routine Molecular Analysis for Lynch Syndrome Among Adenomas or Colorectal Cancer Within a National Screening Program. <i>Gastroenterology</i> , 2018, 155, 1410-1415.	0.6	9
2132	A novel case of endometrial dedifferentiated adenocarcinoma associated with MLH1 promotor hypermethylation and microsatellite instability. <i>Pathology Research and Practice</i> , 2018, 214, 1904-1908.	1.0	3
2133	Molecular Diagnostics in Clinical Oncology. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 76.	1.6	93
2134	Coordinating Multi-Protein Mismatch Repair by Managing Diffusion Mechanics on the DNA. <i>Journal of Molecular Biology</i> , 2018, 430, 4469-4480.	2.0	11
2135	H ₂ O ₂ -Mediated Epoxide Ring-Opening with Concomitant S Bond Formation: A One-Pot Method to 3-Hydroxy- <i>indolino</i> -dithiocarbamates as Cytotoxic Agents. <i>ChemistrySelect</i> , 2018, 3, 6766-6774.	0.7	10
2136	Synthetic Lethal Networks for Precision Oncology: Promises and Pitfalls. <i>Journal of Molecular Biology</i> , 2018, 430, 2900-2912.	2.0	21
2138	DNA Damage and Associated DNA Repair Defects in Disease and Premature Aging. <i>American Journal of Human Genetics</i> , 2019, 105, 237-257.	2.6	143
2139	Genetic polymorphisms in hMSH2 and hMLH1 genes are associated with prognosis in epithelial ovarian cancer patients. <i>International Journal of Gynecological Cancer</i> , 2019, 29, 1148-1155.	1.2	3
2140	Phenome-wide Burden of Copy-Number Variation in the UK Biobank. <i>American Journal of Human Genetics</i> , 2019, 105, 373-383.	2.6	55
2141	Genetic and genomic basis of the mismatch repair system involved in Lynch syndrome. <i>International Journal of Clinical Oncology</i> , 2019, 24, 999-1011.	1.0	57
2142	Aldolase B impairs DNA mismatch repair and induces apoptosis in colon adenocarcinoma. <i>Pathology Research and Practice</i> , 2019, 215, 152597.	1.0	8
2143	Validation of computational determination of microsatellite status using whole exome sequencing data from colorectal cancer patients. <i>BMC Cancer</i> , 2019, 19, 971.	1.1	18
2144	Type 2 diabetes mellitus, blood cholesterol, triglyceride and colorectal cancer risk in Lynch syndrome. <i>British Journal of Cancer</i> , 2019, 121, 869-876.	2.9	10
2145	Mathematical modelling the pathway of genomic instability in lung cancer. <i>Scientific Reports</i> , 2019, 9, 14136.	1.6	5
2146	Deubiquitinating enzymes as cancer biomarkers: new therapeutic opportunities?. <i>BMB Reports</i> , 2019, 52, 181-189.	1.1	64

#	ARTICLE	IF	CITATIONS
2148	Defective DNA Polymerase β -Primase Leads to X-Linked Intellectual Disability Associated with Severe Growth Retardation, Microcephaly, and Hypogonadism. <i>American Journal of Human Genetics</i> , 2019, 104, 957-967.	2.6	32
2149	Microsatellite instability is inversely associated with type 2 diabetes mellitus in colorectal cancer. <i>PLoS ONE</i> , 2019, 14, e0215513.	1.1	8
2150	Update on genetic predisposition to colorectal cancer and polyposis. <i>Molecular Aspects of Medicine</i> , 2019, 69, 10-26.	2.7	113
2151	Lack of association between screening interval and cancer stage in Lynch syndrome may be accounted for by over-diagnosis; a prospective Lynch syndrome database report. <i>Hereditary Cancer in Clinical Practice</i> , 2019, 17, 8.	0.6	42
2152	Tumor Testing for Microsatellite Instability to Identify Lynch Syndrome: New Insights Into an Old Diagnostic Strategy. <i>Journal of Clinical Oncology</i> , 2019, 37, 263-265.	0.8	4
2153	Tools To Live By: Bacterial DNA Structures Illuminate Cancer. <i>Trends in Genetics</i> , 2019, 35, 383-395.	2.9	7
2154	The mismatch repair-dependent DNA damage response: Mechanisms and implications. <i>DNA Repair</i> , 2019, 78, 60-69.	1.3	74
2155	Role of genomic instability in human carcinogenesis. <i>Experimental Biology and Medicine</i> , 2019, 244, 227-240.	1.1	32
2156	Comprehensive Genomic Characterization of Parathyroid Cancer Identifies Novel Candidate Driver Mutations and Core Pathways. <i>Journal of the Endocrine Society</i> , 2019, 3, 544-559.	0.1	40
2157	Differential genomic destabilisation in human cells with pathogenic MSH2 mutations introduced by genome editing. <i>Experimental Cell Research</i> , 2019, 377, 24-35.	1.2	12
2158	Noninvasive Detection of Microsatellite Instability and High Tumor Mutation Burden in Cancer Patients Treated with PD-1 Blockade. <i>Clinical Cancer Research</i> , 2019, 25, 7024-7034.	3.2	104
2159	Human Genomic Variants and Inherited Disease. , 2019, , 125-200.		2
2160	<i>EPCAM</i> mutation update: Variants associated with congenital tufting enteropathy and Lynch syndrome. <i>Human Mutation</i> , 2019, 40, 142-161.	1.1	51
2161	Lynch Syndrome. , 2020, , 490-494.		0
2162	Cancer Immunology. , 2020, , 84-96.e5.		0
2163	Chromatin remodeling and mismatch repair: Access and excision. <i>DNA Repair</i> , 2020, 85, 102733.	1.3	15
2164	Yield of Lynch Syndrome Surveillance for Patients With Pathogenic Variants in DNA Mismatch Repair Genes. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1112-1120.e1.	2.4	14
2165	DNA Damage Response Pathways and Cancer. , 2020, , 154-164.e4.		7

#	ARTICLE	IF	CITATIONS
2166	Association of DNA repair gene polymorphisms with colorectal cancer risk and treatment outcomes. <i>Experimental and Molecular Pathology</i> , 2020, 113, 104364.	0.9	15
2167	SMARCAD1-mediated recruitment of the DNA mismatch repair protein MutL β to MutS α on damaged chromatin induces apoptosis in human cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 1056-1065.	1.6	10
2168	Nonmelanoma Skin Cancers. , 2020, , 1052-1073.e8.		1
2169	The double-edged sword of cancer mutations: exploiting neoepitopes for the fight against cancer. <i>Mutagenesis</i> , 2020, 35, 69-78.	1.0	1
2170	Variants of DNA mismatch repair genes derived from 33,998 Chinese individuals with and without cancer reveal their highly ethnic-specific nature. <i>European Journal of Cancer</i> , 2020, 125, 12-21.	1.3	13
2171	Three-step site-directed mutagenesis screen identifies pathogenic <i>MLH1</i> variants associated with Lynch syndrome. <i>Journal of Medical Genetics</i> , 2020, 57, 308-315.	1.5	5
2172	Microsatellite Instability Testing and Therapy Implications. <i>Advances in Molecular Pathology</i> , 2020, 3, 169-188.	0.2	4
2173	Immunotherapy efficacy on mismatch repair-deficient colorectal cancer: From bench to bedside. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188447.	3.3	97
2174	Exploring and modelling colon cancer inter-tumour heterogeneity: opportunities and challenges. <i>Oncogenesis</i> , 2020, 9, 66.	2.1	52
2175	MutS β Stimulates Holliday Junction Resolution by the SMX Complex. <i>Cell Reports</i> , 2020, 33, 108289.	2.9	23
2177	Gut $\gamma\delta$ T cells as guardians, disruptors, and instigators of cancer. <i>Immunological Reviews</i> , 2020, 298, 198-217.	2.8	28
2178	Endometrial Cancer as a Metabolic Disease with Dysregulated PI3K Signaling: Shedding Light on Novel Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6073.	1.8	19
2179	Loss of p27Kip1 leads to expansion of CD4+ effector memory T cells and accelerates colitis-associated colon cancer in mice with a T cell lineage restricted deletion of Smad4. <i>OncImmunology</i> , 2020, 9, 1847832.	2.1	7
2180	Insights Into the Somatic Mutation Burden of Hepatoblastomas From Brazilian Patients. <i>Frontiers in Oncology</i> , 2020, 10, 556.	1.3	12
2181	Diagnostic Accuracy of Immunohistochemistry for Mismatch Repair Proteins as Surrogate of Microsatellite Instability Molecular Testing in Endometrial Cancer. <i>Pathology and Oncology Research</i> , 2020, 26, 1417-1427.	0.9	50
2182	Gastrointestinal cancers: current biomarkers in esophageal and gastric adenocarcinoma. <i>Translational Gastroenterology and Hepatology</i> , 2020, 5, 55-55.	1.5	29
2183	MutS α deficiency increases tolerance to DNA damage in yeast lacking postreplication repair. <i>DNA Repair</i> , 2020, 91-92, 102870.	1.3	0
2184	Coexistent Dedifferentiated Endometrioid Carcinoma of the Uterus and Adenocarcinoma of the Bladder in Lynch Syndrome: Case Report and Review of the Literature. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, e26-e30.	0.6	1

#	ARTICLE	IF	CITATIONS
2185	<p>A Hereditary Mutation of MSH2 Gene Associated with Lynch Syndrome in a Five Generation Chinese Family</p>. Cancer Management and Research, 2020, Volume 12, 1469-1482.	0.9	4
2186	Mismatch repair from Lynch syndrome to immunotherapy: A brief primer for cytopathologists. Cancer Cytopathology, 2020, 128, 515-517.	1.4	0
2187	High Prevalence of Alterations in DNA Mismatch Repair Genes of Lynch Syndrome in Pediatric Patients with Adrenocortical Tumors Carrying a Germline Mutation on TP53. Cancers, 2020, 12, 621.	1.7	4
2188	Helicobacter pylori infection induced genome instability and gastric cancer. Genome Instability & Disease, 2020, 1, 129-142.	0.5	4
2189	A Lynch syndrome-associated mutation at a Bergerat ATP-binding fold destabilizes the structure of the DNA mismatch repair endonuclease MutL. Journal of Biological Chemistry, 2020, 295, 11643-11655.	1.6	2
2190	MLH1-mediated recruitment of FAN1 to chromatin for the induction of apoptosis triggered by O6-methylguanine. Genes To Cells, 2020, 25, 175-186.	0.5	6
2191	Regulation of the error-prone DNA polymerase PolÎ² by oncogenic signaling and its contribution to drug resistance. Science Signaling, 2020, 13, .	1.6	26
2192	How Should We Test for Lynch Syndrome? A Review of Current Guidelines and Future Strategies. Cancers, 2021, 13, 406.	1.7	31
2193	Cancer and genomic instability. , 2021, , 495-519.		1
2194	Local mutations: on the tentative beginnings of molecular oncology in Britain 1980â€“2000. New Genetics and Society, 2021, 40, 7-25.	0.7	0
2195	Coordinated roles of SLX4 and MutSÎ² in DNA repair and the maintenance of genome stability. Critical Reviews in Biochemistry and Molecular Biology, 2021, 56, 157-177.	2.3	16
2196	Suppression of TopBP1 function increases the efficacy of chemotherapeutic treatments by enhancing the induction of apoptosis. Oral Science International, 2021, 18, 209-216.	0.3	0
2197	The Contribution of Somatic Expansion of the CAG Repeat to Symptomatic Development in Huntingtonâ€™s Disease: A Historical Perspective. Journal of Huntington's Disease, 2021, 10, 7-33.	0.9	43
2198	Discovery of an endometrioid cancer lymph node metastasis without primary tumor in a context of Lynch syndrome. Journal of Gynecology Obstetrics and Human Reproduction, 2021, 50, 102060.	0.6	2
2199	Spatial coupling between DNA replication and mismatch repair in <i>Caulobacter crescentus</i> . Nucleic Acids Research, 2021, 49, 3308-3321.	6.5	3
2200	Universal Immunohistochemistry for Lynch Syndrome: A Systematic Review and Meta-analysis of 58,580 Colorectal Carcinomas. Clinical Gastroenterology and Hepatology, 2022, 20, e496-e507.	2.4	14
2201	The Startling Role of Mismatch Repair in Trinucleotide Repeat Expansions. Cells, 2021, 10, 1019.	1.8	8
2203	A genetic variant in telomerase reverse transcriptase (TERT) modifies cancer risk in Lynch syndrome patients harbouring pathogenic MSH2 variants. Scientific Reports, 2021, 11, 11401.	1.6	6

#	ARTICLE	IF	CITATIONS
2204	Rtt105 promotes high-fidelity DNA replication and repair by regulating the single-stranded DNA-binding factor RPA. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	10
2205	Mismatch Repair: From Preserving Genome Stability to Enabling Mutation Studies in Real-Time Single Cells. Cells, 2021, 10, 1535.	1.8	3
2206	Epigenetic Regulation of Intestinal Stem Cells and Disease: A Balancing Act of DNA and Histone Methylation. Gastroenterology, 2021, 160, 2267-2282.	0.6	15
2208	From <i>APC</i> to the genetics of hereditary and familial colon cancer syndromes. Human Molecular Genetics, 2021, 30, R206-R224.	1.4	15
2209	Performance of Next-Generation Sequencing for the Detection of Microsatellite Instability in Colorectal Cancer With Deficient DNA Mismatch Repair. Gastroenterology, 2021, 161, 814-826.e7.	0.6	36
2210	Biology before the SOS Response—DNA Damage Mechanisms at Chromosome Fragile Sites. Cells, 2021, 10, 2275.	1.8	4
2211	The adaptive immune system is a major driver of selection for tumor suppressor gene inactivation. Science, 2021, 373, 1327-1335.	6.0	83
2212	Recurrent Frameshift Neoantigen Vaccine Elicits Protective Immunity With Reduced Tumor Burden and Improved Overall Survival in a Lynch Syndrome Mouse Model. Gastroenterology, 2021, 161, 1288-1302.e13.	0.6	56
2213	Genomic instability and aging: Causes and consequences. , 2021, , 533-553.		4
2214	DNA direct reversal repair and alkylating agent drug resistance. , 2021, 4, 414-423.		7
2215	Gynecological Surveillance and Surgery Outcomes in Dutch Lynch Syndrome Carriers. Cancers, 2021, 13, 459.	1.7	2
2216	A pH/ultrasonic dual-response step-targeting enterosoluble granule for combined sonodynamic-chemotherapy guided <i>via</i> gastrointestinal tract imaging in orthotopic colorectal cancer. Nanoscale, 2021, 13, 4278-4294.	2.8	20
2217	Clinical impact of molecular genetic diagnosis, genetic counseling, and management of hereditary cancer. Cancer, 1999, 86, 1637-1643.	2.0	15
2218	Genetic alterations in human gastrointestinal cancers. The application to molecular diagnosis. Cancer, 1995, 75, 1410-1417.	2.0	109
2219	Microsatellite instability in Japanese gastric cancer. Cancer, 1995, 75, 1503-1507.	2.0	40
2220	Mutant K-ras in apparently normal mucosa of colorectal cancer patients. Its potential as a biomarker of colorectal tumorigenesis. Cancer, 1995, 75, 1520-1526.	2.0	53
2222	Incidence of hereditary non-polyposis colorectal cancer in a population-based study of 1137 consecutive cases of colorectal cancer. British Journal of Surgery, 1997, 84, 1281-1285.	0.1	53
2223	UV Damage and DNA Repair in Basal Cell and Squamous Cell Carcinomas. , 2006, , 18-30.		5

#	ARTICLE	IF	CITATIONS
2224	DNA Mismatch Repair and Colon Cancer. , 2005, 570, 85-123.		22
2225	c-Myc, Genome Instability, and Tumorigenesis: The Devil Is in the Details. , 2006, 302, 169-203.		63
2226	Molecular mechanisms of human carcinogenesis. , 2006, , 321-349.		24
2227	Adenocarcinoma with Gastric Mucin Phenotype. , 2005, , 169-181.		3
2228	Historical Aspects of Xeroderma Pigmentosum and Nucleotide Excision Repair. Advances in Experimental Medicine and Biology, 2008, 637, 1-9.	0.8	9
2229	Hereditary Nonpolyposis Colon Cancer. , 2007, , 525-542.		10
2230	Genetic Instability and Chronic Inflammation in Gastrointestinal Cancers. , 2010, , 351-397.		1
2231	Hereditary Colorectal Cancer. , 2011, , 643-668.		2
2232	Historical Aspects of Lynch Syndrome. , 2010, , 15-42.		4
2233	Genetics and Epigenetics of Head and Neck Cancer. , 2011, , 93-106.		1
2234	Statistical Analysis of Complex Systems in Biomedicine. Lecture Notes in Statistics, 1996, , 251-258.	0.1	6
2235	Nucleic Acid Amplification Strategies for Diagnosis of Heritable Diseases. , 1997, , 257-280.		3
2236	Dietary Modulation of Colon Cancer: Effects on Intermediary Metabolism, Mucosal Cell Differentiation, and Inflammation. , 2012, , 47-64.		1
2237	The Genetics of Colorectal Cancer. , 2013, , 1-24.		2
2238	Biological Considerations in Lung Cancer. Cancer Treatment and Research, 2001, 105, 1-30.	0.2	7
2239	Microsatellite Instability Assessment in Prediction of Drug Resistance in Childhood Burkitt's and Large Cell Diffuse Malignant Non-Hodgkin Lymphoma (MNHL). Advances in Experimental Medicine and Biology, 1999, 457, 517-525.	0.8	2
2240	Excision Repair of 8-Oxoguanine in Eukaryotes. , 1999, , 35-45.		3
2241	Recent insights into the molecular basis of intrinsic resistance of colorectal cancer: new challenges for systemic therapeutic approaches. Cancer Treatment and Research, 1998, 98, 293-338.	0.2	3

#	ARTICLE	IF	CITATIONS
2242	Neoplasms of the adrenal cortex Clinical and basic aspects. <i>Cancer Treatment and Research</i> , 1997, 89, 217-237.	0.2	11
2243	Radiation-induced endocrine tumors. <i>Cancer Treatment and Research</i> , 1997, 89, 141-161.	0.2	10
2244	Escherichia Coli " Functional and Evolutionary Implications of Genome Scale Computer-Aided Protein Sequence Analysis. <i>Stadler Genetics Symposia Series</i> , 1996, , 177-210.	0.0	1
2245	Short-Chain Fatty Acids and Molecular and Cellular Mechanisms of Colonic Cell Differentiation and Transformation. <i>Advances in Experimental Medicine and Biology</i> , 1995, 375, 137-148.	0.8	14
2246	Involvement of the Multiple Tumor Suppressor Genes and 12-Lipoxygenase in Human Prostate Cancer. <i>Advances in Experimental Medicine and Biology</i> , 1997, 407, 41-53.	0.8	49
2247	The Role of Genomic Instability in the Development of Human Cancer. , 2002, , 115-142.		9
2248	Biochemistry of Mammalian DNA Mismatch Repair. , 1998, , 95-118.		5
2249	Genetic Epidemiology Studies in Hereditary Non-Polyposis Colorectal Cancer. <i>Methods in Molecular Biology</i> , 2009, 472, 89-102.	0.4	3
2250	Genetic instability and tumor cell variation. , 1998, , 179-234.		1
2251	Mammalian DNA repair responses and genomic instability. , 1996, 77, 289-305.		12
2252	Mechanotransduction, Metastasis and Genomic Instability. <i>Cancer Metastasis - Biology and Treatment</i> , 2015, , 139-158.	0.1	8
2254	An Integration of Old and New Perspectives of Mammalian Meiotic Sterility. <i>Results and Problems in Cell Differentiation</i> , 2000, 28, 131-173.	0.2	16
2255	Instabilities of Triplet Repeats: Factors and Mechanisms. <i>Results and Problems in Cell Differentiation</i> , 1998, 21, 133-165.	0.2	8
2256	Molecular Epidemiology of Hereditary Nonpolyposis Colorectal Cancer in Finland. <i>Recent Results in Cancer Research</i> , 1998, 154, 306-311.	1.8	10
2257	Eukaryotic Mismatch Repair. <i>Nucleic Acids and Molecular Biology</i> , 1998, , 199-247.	0.2	6
2258	DNA Mismatch Repair. <i>Nucleic Acids and Molecular Biology</i> , 1998, , 173-197.	0.2	4
2259	Preclinical Models for Chemoprevention of Colon Cancer. <i>Recent Results in Cancer Research</i> , 2003, 163, 58-71.	1.8	9
2260	Clinical Implications of Molecular Diagnosis in Hereditary Nonpolyposis Colorectal Cancer. <i>Recent Results in Cancer Research</i> , 2003, 162, 73-78.	1.8	7

#	ARTICLE	IF	CITATIONS
2261	Analysis of Microsatellite Instability by Melting Peak Analysis with BAT26 and BAT25 Specific Fluorescence Hybridization Probes. , 2002, , 139-146.		2
2262	Prognostic Implications of Cancer Susceptibility Genes: Any News?. Recent Results in Cancer Research, 1999, 151, 71-84.	1.8	3
2263	Genomic Stability and Instability: A Working Paradigm. Current Topics in Microbiology and Immunology, 1997, 221, 5-18.	0.7	24
2264	Role of DNA Excision Repair Gene Defects in the Etiology of Cancer. Current Topics in Microbiology and Immunology, 1997, 221, 47-70.	0.7	31
2265	Chromosome Instability Syndromes: Lessons for Carcinogenesis. Current Topics in Microbiology and Immunology, 1997, 221, 71-148.	0.7	62
2266	Genetic Alterations in Human Tumors. Current Topics in Microbiology and Immunology, 1997, 221, 149-176.	0.7	8
2267	Homologous Recombination in the Replicative Cycle of Adenoviruses and Its Relationship to DNA Replication. Current Topics in Microbiology and Immunology, 1995, 199 (Pt 2), 89-108.	0.7	5
2268	Somatic Instability in Cancer at Seven Tetrameric STR Loci Used in Forensic Genetics. Advances in Forensic Haemogenetics, 1996, , 154-156.	0.2	4
2269	Prognostic Significance of Molecular Biological and Immunohistological Parameters in Gastrointestinal Carcinomas. Recent Results in Cancer Research, 1996, 142, 73-88.	1.8	6
2270	Genomic Instability in Head and Neck Cancer. Current Topics in Pathology Ergebnisse Der Pathologie, 1996, 90, 201-222.	0.2	7
2271	Mutation: Spontaneous Mutation in Germ Cells. , 1997, , 385-430.		11
2272	Kolon- und Rektumkarzinom. , 2004, , 875-932.		1
2273	Molecular Diagnosis of Gastrointestinal Cancer. , 1997, , 187-207.		4
2274	Multiple Genetic Alterations and Abnormal Growth Factor Network in Human Esophageal Carcinomas. , 1997, , 31-41.		2
2275	Mechanisms of Carcinogenesis in Colorectal Cancer. , 2010, , 269-277.		1
2276	Susceptibility to MDS: DNA Repair and Detoxification Genes. , 2011, , 5-24.		1
2278	Animal models to look for polygenic effects in cancer predisposition. Cancer Biology and Medicine, 1995, , 111-122.	0.1	5
2279	Human repair deficiencies and predisposition to cancer. Cancer Biology and Medicine, 1995, , 123-157.	0.1	1

#	ARTICLE	IF	CITATIONS
2280	Telomeric repeat sequences. <i>Chromosoma</i> , 1994, 103, 154-161.	1.0	14
2281	Mechanisms of Mutation. , 2016, , 3-18.		1
2282	DNA Damage Response Pathways and Cancer. , 2008, , 139-152.		3
2283	Cancer Prevention, Screening, and Early Detection. , 2008, , 361-395.		3
2284	Nonmelanoma Skin Cancers: Basal Cell and Squamous Cell Carcinomas. , 2008, , 1253-1270.		5
2285	Bending the Rules: Unusual Nucleic Acid Structures and Disease Pathology in the Repeat Expansion Diseases. , 2006, , 617-635.		2
2286	Cancer Immunology. , 2014, , 78-97.e5.		3
2287	BLM has Contrary Effects on Repeat-Mediated Deletions, based on the Distance of DNA DSBs to a Repeat and Repeat Divergence. <i>Cell Reports</i> , 2020, 30, 1342-1357.e4.	2.9	17
2289	Defective mismatch repair in extracts of colorectal and endometrial cancer cell lines exhibiting microsatellite instability.. <i>Journal of Biological Chemistry</i> , 1994, 269, 14367-14370.	1.6	281
2290	SMARCAD1-mediated recruitment of the DNA mismatch repair protein MutL β to MutS β on damaged chromatin induces apoptosis in human cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 1056-1065.	1.6	11
2291	Cloning and characterization of RECQL, a potential human homologue of the Escherichia coli DNA helicase RecQ.. <i>Journal of Biological Chemistry</i> , 1994, 269, 29838-29845.	1.6	187
2292	Purification and characterization of MSH1, a yeast mitochondrial protein that binds to DNA mismatches.. <i>Journal of Biological Chemistry</i> , 1994, 269, 29984-29992.	1.6	134
2293	The effect of DNA mismatches on the ATPase activity of MSH1, a protein in yeast mitochondria that recognizes DNA mismatches.. <i>Journal of Biological Chemistry</i> , 1994, 269, 29993-29997.	1.6	62
2294	Yeast DNA repair protein RAD5 that promotes instability of simple repetitive sequences is a DNA-dependent ATPase.. <i>Journal of Biological Chemistry</i> , 1994, 269, 28259-28262.	1.6	86
2295	Analysis of MSH3 in endometrial cancers with defective DNA mismatch repair. <i>Journal of the Society for Gynecologic Investigation</i> , 1998, 5, 210-216.	1.9	17
2296	Genetic Instability and Chromosomal Aberrations in Colorectal Cancer: A Review of the Current Models. <i>Cancer Detection and Prevention</i> , 1998, 22, 377-382.	2.1	43
2297	The human genome project: evolving status and emerging opportunities for disease prevention. , 2000, , 45-60.		3
2298	Genetic Concepts and Methods in Epidemiologic Research. , 2006, , 89-98.		3

#	ARTICLE	IF	CITATIONS
2299	Mismatch Repair Mutants in Yeast Are Not Defective in Transcription-Coupled DNA Repair of UV-Induced DNA Damage. <i>Genetics</i> , 1996, 143, 1127-1135.	1.2	40
2300	The Prevention of Repeat-Associated Deletions in <i>Saccharomyces cerevisiae</i> by Mismatch Repair Depends on Size and Origin of Deletions. <i>Genetics</i> , 1996, 143, 1579-1587.	1.2	68
2301	The Yeast HSM3 Gene Acts in One of the Mismatch Repair Pathways. <i>Genetics</i> , 1998, 148, 963-973.	1.2	28
2302	Hypermutability in Carcinogenesis. <i>Genetics</i> , 1998, 148, 1619-1626.	1.2	49
2303	Functional Overlap in Mismatch Repair by Human MSH3 and MSH6. <i>Genetics</i> , 1998, 148, 1637-1646.	1.2	130
2304	Evolution of the RECQ Family of Helicases: A <i>Drosophila</i> Homolog, Dmblm, Is Similar to the Human Bloom Syndrome Gene. <i>Genetics</i> , 1999, 151, 1027-1039.	1.2	92
2305	Frequent Germline Mutations and Somatic Repeat Instability in DNA Mismatch-Repair-Deficient <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2002, 161, 651-660.	1.2	49
2306	<i>Escherichia coli</i> Strains (<i>ndk</i>) Lacking Nucleoside Diphosphate Kinase Are Powerful Mutators for Base Substitutions and Frameshifts in Mismatch-Repair-Deficient Strains. <i>Genetics</i> , 2002, 162, 5-13.	1.2	69
2307	Single-Nucleotide Polymorphisms of the <i>Trypanosoma cruzi</i> MSH2 Gene Support the Existence of Three Phylogenetic Lineages Presenting Differences in Mismatch-Repair Efficiency. <i>Genetics</i> , 2003, 164, 117-126.	1.2	40
2308	Immunohistochemistry for hMLH1 and hMSH2: A Practical Test for DNA Mismatch Repair-Deficient Tumors. <i>American Journal of Surgical Pathology</i> , 1999, 23, 1248.	2.1	233
2309	Crohn's Disease and Ulcerative Colitis Are Associated With the DNA Repair Gene MLH1. <i>Annals of Surgery</i> , 1997, 225, 718-725.	2.1	43
2310	Early Detection and Risk Reduction for Familial Gynecologic Cancers. <i>Clinical Obstetrics and Gynecology</i> , 1998, 41, 200-214.	0.6	9
2311	Genetic Basis of the Barrett's Metaplasia, Dysplasia, Adenocarcinoma Sequence. <i>Problems in General Surgery</i> , 2001, 18, 53-70.	0.2	4
2312	A molecular approach to understanding human sterol metabolism using yeast genetics. <i>Current Opinion in Lipidology</i> , 1998, 9, 85-91.	1.2	14
2315	Widespread microsatellite instability in sebaceous tumours of patients with the Muir-Torre syndrome. <i>British Journal of Dermatology</i> , 1997, 137, 356-360.	1.4	28
2316	Muir-Torre syndrome: clinical features and molecular genetic analysis. <i>British Journal of Dermatology</i> , 1997, 136, 913-917.	1.4	26
2317	Dr. Jekyll and Mr. Hyde: How the MutSLH Repair System Kills the Cell. , 0, , 413-430.		1
2318	Examination of the Role of DNA Polymerase Proofreading in the Mutator Effect of Miscoding tRNAs. <i>Journal of Bacteriology</i> , 1998, 180, 5712-5717.	1.0	28

#	ARTICLE	IF	CITATIONS
2319	Direct Selection for Mutators in Escherichia coli. Journal of Bacteriology, 1999, 181, 1576-1584.	1.0	44
2320	Hepatitis B virus X protein interacts with a probable cellular DNA repair protein. Journal of Virology, 1995, 69, 1107-1114.	1.5	240
2321	Perinatal characteristics in relation to incidence of and mortality from prostate cancer. BMJ: British Medical Journal, 1996, 313, 337-341.	2.4	97
2322	Competency in mismatch repair prohibits clonal expansion of cancer cells treated with N-methyl-N'-nitro-N-nitrosoguanidine.. Journal of Clinical Investigation, 1996, 98, 199-206.	3.9	127
2323	Modulation of gene expression in subjects at risk for colorectal cancer by the chemopreventive dithiolethione oltipraz.. Journal of Clinical Investigation, 1996, 98, 1210-1217.	3.9	69
2324	Inactivation of hMLH1 and hMSH2 by promoter methylation in primary non-small cell lung tumors and matched sputum samples. Journal of Clinical Investigation, 2003, 111, 887-895.	3.9	126
2325	Genomic instability of microsatellite repeats and its association with the evolution of chronic myelogenous leukemia [see comments]. Blood, 1994, 83, 3449-3456.	0.6	114
2326	Microsatellite instability and p53 mutations in therapy-related leukemia suggest mutator phenotype. Blood, 1996, 88, 4296-4303.	0.6	154
2327	Mutations and Loss of Expression of a Mismatch Repair Gene, hMLH1, in Leukemia and Lymphoma Cell Lines. Blood, 1997, 89, 1740-1747.	0.6	3
2328	Microsatellite Instability and p53 Mutations Are Associated With Abnormal Expression of the MSH2 Gene in Adult Acute Leukemia. Blood, 1999, 94, 733-740.	0.6	3
2329	Genetic predisposition to cancer. , 2004, , 3-10.		2
2330	Genetic Instability of Cancer. , 2013, , 63-91.		1
2331	<i>Six3</i> , a murine homologue of the <i>sine oculis</i> gene, demarcates the most anterior border of the developing neural plate and is expressed during eye development. Development (Cambridge), 1995, 121, 4045-4055.	1.2	610
2332	Homeobox genes and connective tissue patterning. Development (Cambridge), 1995, 121, 693-705.	1.2	295
2333	Interpretation of mRNA splicing mutations in genetic disease: review of the literature and guidelines for information-theoretical analysis. F1000Research, 2014, 3, 282.	0.8	85
2334	Interpretation of mRNA splicing mutations in genetic disease: review of the literature and guidelines for information-theoretical analysis. F1000Research, 0, 3, 282.	0.8	8
2335	Suspected Lynch syndrome associated MSH6 variants: A functional assay to determine their pathogenicity. PLoS Genetics, 2017, 13, e1006765.	1.5	18
2336	Modeling the Repertoire of True Tumor-Specific MHC I Epitopes in a Human Tumor. PLoS ONE, 2009, 4, e6094.	1.1	23

#	ARTICLE	IF	CITATIONS
2337	Analysis of Microsatellite Polymorphism in Inbred Knockout Mice. <i>PLoS ONE</i> , 2012, 7, e34555.	1.1	16
2338	Transcriptome Profiling of the Cancer, Adjacent Non-Tumor and Distant Normal Tissues from a Colorectal Cancer Patient by Deep Sequencing. <i>PLoS ONE</i> , 2012, 7, e41001.	1.1	68
2339	<i>Plasmodium falciparum</i> UvrD Helicase Translocates in 3' to 5' Direction, Colocalizes with MLH and Modulates Its Activity through Physical Interaction. <i>PLoS ONE</i> , 2012, 7, e49385.	1.1	22
2340	Prevalence of Pathological Germline Mutations of hMLH1 and hMSH2 Genes in Colorectal Cancer. <i>PLoS ONE</i> , 2013, 8, e51240.	1.1	8
2341	Genetic Characteristics of Mitochondrial DNA Was Associated with Colorectal Carcinogenesis and Its Prognosis. <i>PLoS ONE</i> , 2015, 10, e0118612.	1.1	32
2342	Microarray analysis of embryo-derived bovine pluripotent cells: The vulnerable state of bovine embryonic stem cells. <i>PLoS ONE</i> , 2017, 12, e0173278.	1.1	6
2343	Mismatch repair deficient hematopoietic stem cells are preleukemic stem cells. <i>PLoS ONE</i> , 2017, 12, e0182175.	1.1	4
2344	Genetic Testing for Cancer Risk Assessment: A Review. <i>Oncologist</i> , 1997, 2, 208-222.	1.9	9
2345	Hereditary Factors in Gynecologic Cancer. <i>Oncologist</i> , 1998, 3, 319-338.	1.9	23
2346	Analysis of microsatellite instability and loss of heterozygosity in breast cancer with the use of a well characterized multiplex system.. <i>Acta Biochimica Polonica</i> , 2003, 50, 1195-1203.	0.3	17
2347	Bacterial DNA repair genes and their eukaryotic homologues: 2. Role of bacterial mutator gene homologues in human disease. Overview of nucleotide pool sanitization and mismatch repair systems.. <i>Acta Biochimica Polonica</i> , 2007, 54, 435-457.	0.3	20
2349	MutS Homologues hMSH4 and hMSH5: Diverse Functional Implications in Humans. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 905.	3.0	34
2350	DNA repair mechanisms protect our genome from carcinogenesis. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 1362.	3.0	57
2351	POLYMORPHISM OF DNA MISMATCH REPAIR GENES IN ENDOMETRIAL CANCER. <i>Experimental Oncology</i> , 2015, 37, 44-47.	0.4	6
2352	Clinical features and mismatch repair gene mutation screening in Chinese patients with hereditary nonpolyposis colorectal carcinoma. <i>World Journal of Gastroenterology</i> , 2004, 10, 2647.	1.4	23
2353	Genetic detection of Chinese hereditary nonpolyposis colorectal cancer. <i>World Journal of Gastroenterology</i> , 2004, 10, 209.	1.4	10
2354	Clinicopathological and molecular genetic analysis of HNPCC in China. <i>World Journal of Gastroenterology</i> , 2005, 11, 1673.	1.4	11
2355	Hereditary non-polyposis colorectal cancer: The rise and fall of a confusing term. <i>World Journal of Gastroenterology</i> , 2006, 12, 4943.	1.4	131

#	ARTICLE	IF	CITATIONS
2356	Clinical and molecular analysis of hereditary non-polyposis colorectal cancer in Chinese colorectal cancer patients. <i>World Journal of Gastroenterology</i> , 2007, 13, 1612.	1.4	6
2357	Report of 16 kindreds and one kindred with hMLH1 germline mutation. <i>World Journal of Gastroenterology</i> , 2002, 8, 263.	1.4	10
2358	hOGG1 Ser326Cys polymorphism modifies the significance of the environmental risk factor for colon cancer. <i>World Journal of Gastroenterology</i> , 2003, 9, 956.	1.4	87
2359	Tumour Lymphocytic Infiltration, Its Structure and Influence in Colorectal Cancer Progression. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2018, 6, 1003-1009.	0.1	6
2360	Role of DNA mismatch repair genes in lung and head and neck cancer (Review). <i>World Academy of Sciences Journal</i> , 0, , .	0.4	5
2361	Microsatellite Instability in Korean Patients with Gastric Adenocarcinoma. <i>Korean Journal of Internal Medicine</i> , 1997, 12, 144-154.	0.7	1
2362	Fecal-based DNA assays: a new, noninvasive approach to colorectal cancer screening.. <i>Cleveland Clinic Journal of Medicine</i> , 2004, 71, 497-503.	0.6	12
2363	Practical genetics of colorectal cancer. <i>Chinese Clinical Oncology</i> , 2013, 2, 12.	0.4	13
2364	APC, FBXW7, KRAS, PIK3CA, and TP53 Gene Mutations in Human Colorectal Cancer Tumors Frequently Detected by Next-Generation DNA Sequencing. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , 2014, 08, .	0.1	7
2365	Inflammation-associated microsatellite alterations: Mechanisms and significance in the prognosis of patients with colorectal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2018, 10, 1-14.	0.8	39
2366	GÃ©nÃ©tique et psychiatrie : Ã la recherche de phÃ©notypes.. <i>Medecine/Sciences</i> , 1998, 14, 1406.	0.0	2
2367	MSH2 (human mutS homolog 2). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2011, , .	0.1	3
2368	Polymorphisms in RETN gene and susceptibility to colon cancer in Saudi patients. <i>Annals of Saudi Medicine</i> , 2014, 34, 334-339.	0.5	15
2369	Two cases of successful pregnancies after hysteroscopic removal of endometrioid adenocarcinoma grade I, stage IA, in young women with Lynch syndrome. <i>Journal of the Turkish German Gynecology Association</i> , 2014, 15, 63-66.	0.2	12
2370	Animal Models of Colorectal Cancer in Chemoprevention and Therapeutics Development. , 0, , .		5
2371	Colorectal Cancer in the Arab World - Screening Practices and Future Prospects. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 7425-7430.	0.5	40
2372	Translation of Genetic Discoveries into Clinical Therapies. <i>Annals of Internal Medicine</i> , 2008, 148, 246.	2.0	3
2373	Distinct target genes and effector processes appear to be critical for p53-activated responses to acute DNA damage versus p53-mediated tumour suppression. <i>BioDiscovery</i> , 2013, , 3.	0.1	6

#	ARTICLE	IF	CITATIONS
2374	Evolutionary patterns of chromosomal instability and mismatch repair deficiency in proximal and distal colorectal cancer. <i>Colorectal Disease</i> , 2022, 24, 157-176.	0.7	9
2375	A Novel hMSH2 Gene Mutation in a Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Kindred through Four Generations. <i>The Showa University Journal of Medical Sciences</i> , 2000, 12, 99-105.	0.1	0
2376	TWO CASES OF COLORECTAL CANCER IN YOUNGERS. <i>Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Tj ETQq0.0.0 rgBT /Overlock</i>	0.0	0
2377	DNA Repair. , 2000, , 128-153.		0
2378	A Case of Muir-Torre Syndrome with Ocular Sebaceous Carcinoma.. <i>Nishinohon Journal of Dermatology</i> , 2000, 62, 739-743.	0.0	0
2379	A CASE REPORT OF ASYNCHRONOUS MULTIPLE CANCERS INCLUDING QUADRUPLE COLON CANCERS, GASTRIC CANCER AND LUNG CANCER. <i>Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical) Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.0	0
2380	Public health assessment of genetic predisposition to cancer. , 2000, , 151-172.		1
2381	MICROSATELLITE ALTERATIONS AND LOSS OF HETEROZYGOSITY IN PEYRONIE??S DISEASE. <i>Journal of Urology</i> , 2000, 164, 842-846.	0.2	3
2383	Differential cellular expression of the human MSH2 protein in normal and myelodysplastic haematopoiesis . SHORT REPORT. <i>British Journal of Haematology</i> , 2000, 111, 650-655.	1.2	2
2384	Historischer Abriss der molekularen Tumorforschung. , 2001, , 527-532.		0
2385	Molekularzytogenetische Tumordiagnostik. , 2001, , 243-264.		0
2386	Studies on Multiple Colorectal Cancer. <i>Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of) Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.0	0
2387	PrÄkanzerosen. , 2001, , 15-28.		0
2388	FamiliÄres Pankreaskarzinom. , 2001, , 401-422.		0
2389	Tumor Markers. , 2001, , 1619-1639.		0
2390	A Case of the Hereditary Nonpolyposis Colorectal Cancer with Maicrosatellite Instability.. <i>Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association)</i> , 2001, 62, 451-456.	0.0	0
2391	Genetics of Cancer. , 2001, , 1597-1618.		0
2392	HereditÄres nichtpolypÄses kolorektales Karzinom (HNPCC). , 2001, , 330-349.		1

#	ARTICLE	IF	CITATIONS
2394	The Molecular Biology of Colorectal Carcinoma. , 2002, , 251-268.		1
2395	Screening and Surveillance. , 2002, , 65-80.		0
2396	Suppressed DNA Repair Mechanisms in Rheumatoid Arthritis. Immune Network, 2002, 2, 208.	1.6	0
2398	Clinical Pathophysiological Characteristics and Immunohistochemistry of β -catenin Protein and p53 Protein, and Analysis on Microsatellite Instability in Colorectal Laterally Spreading Tumors. Japanese Journal of Gastroenterological Surgery, 2002, 35, 135-143.	0.0	0
2400	A Case of Hereditary Nonpolyposis Colorectal Cancer with Synchronous Stomach and Gallbladder Cancer.. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2002, 63, 2309-2313.	0.0	0
2401	Myelodysplastische Syndrome. , 2003, , 268-311.		0
2402	Role of hMLH1 Gene Hypermethylation in Endometrial Carcinogenesis. , 2003, , 232-244.		0
2403	Deficient DNA Mismatch Repair in Carcinogenesis. Handbook of Experimental Pharmacology, 2003, , 107-128.	0.9	0
2404	The eternal molecule. , 2003, , 82-139.		0
2405	A Case of Juvenile Rectal Carcinoma without a Family History of Colorectal Cancer Accompanied with Mismatch Repair Gene Deficiency.. Japanese Journal of Gastroenterological Surgery, 2003, 36, 149-153.	0.0	0
2406	Hereditary Non-polyposis Colorectal Cancer. Nihon Daicho Komonbyo Gakkai Zasshi, 2004, 57, 877-883.	0.1	0
2407	Genetic Counseling for Hereditary Cancer Predisposition Testing. , 2004, , 453-471.		0
2408	Hereditary Gynecologic Cancer Syndromes. , 2004, , 833-845.		0
2409	DNA Repair Defects in Cancer. , 2004, , 361-377.		0
2410	Screening Those at High Risk for Colorectal Cancer. Medical Radiology, 2004, , 13-23.	0.0	0
2412	Microsatellite Instability. , 2004, , 842-845.		0
2413	CRAS, BRAF, and DNA mismatch repair gene mutations in colorectal cancer. Okayama Igakkai Zasshi, 2005, 117, 97-103.	0.0	0
2415	Mechanism of DNA Mismatch Repair from Bacteria to Human. , 2005, ,		0

#	ARTICLE	IF	CITATIONS
2416	Tumor Suppressor Genes. , 2005, , 131-150.		0
2417	NovelMLH1frameshift mutation in an extended hereditary nonpolyposis colorectal cancer family. World Journal of Gastroenterology, 2006, 12, 7848.	1.4	1
2421	Cancer-Specific Vaccines. , 2008, , 649-669.		1
2422	Classification of Colorectal Cancer Based on Clinical, Morphological and Molecular Features. Journal of the Korean Society of Coloproctology, 2008, 24, 497.	0.2	0
2423	Le syndrome de Lynch. , 2008, , 65-77.		0
2424	Genetics of Cancer. , 2008, , 1901-1924.		2
2425	Detection of hMSH2 and hMLH1 mutations in Chinese hereditary non-polyposis colorectal cancer kindreds. World Journal of Gastroenterology, 2008, 14, 298.	1.4	4
2426	Turcot Syndrome. , 2008, , 703-723.		0
2427	Cancer Immunology. , 2008, , 77-93.		1
2428	MOLECULAR BIOLOGY OF COLORECTAL CANCER. , 2008, , 867-896.		0
2430	Clinical Relevance of Hereditary Endometrial Cancer. , 2008, , 15-27.		1
2431	Clinical Relevance of Hereditary Ovarian Cancer. , 2008, , 1-13.		0
2432	Endometrial and Ovarian Cancer Screening and Prevention in Women with Lynch Syndrome. , 2008, , 163-174.		0
2433	Endometrial and Ovarian Cancer Risk-Reducing Surgery in Women with Lynch Syndrome. , 2008, , 185-193.		0
2434	Hereditary Nonpolyposis Colorectal Cancer. , 2009, , 219-228.		0
2435	DNA Mismatch Repair and Lynch Syndrome. , 2009, , 141-169.		0
2436	Hereditary Nonpolyposis Colorectal Cancer. , 2009, , 57-66.		0
2437	An Oncogene-Induced DNA Replication Stress Model for Cancer Development. , 2009, , 47-63.		0

#	ARTICLE	IF	CITATIONS
2438	Hereditary Mutations and Cancer Management. , 2009, , 981-1004.		0
2439	Genetic Epidemiology of Mismatch Repair Deficiency in Ovarian Cancer. , 2010, , 367-398.		0
2441	DNA Mismatch Repair. , 2010, , 67-85.		0
2442	Mitotic Checkpoint and Chromosome Instability in Cancer. , 2010, , 59-77.		0
2443	Mouse Models for Colorectal Cancer. , 2012, , 309-329.		0
2444	DNA Repair, Human Diseases and Aging. , 0, , .		0
2445	Somatic Alterations and Targeted Therapy. , 2012, , 51-101.		0
2446	Genetics of Colon Cancer Susceptibility. , 2012, , 23-45.		0
2447	A Case of Hereditary Non-Polyposis Colorectal Cancer. Nihon Gekakei Rengo Gakkaishi (Journal of Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		0
2448	Molecular Genetics and Cancer Biology. , 2012, , 530-567.e16.		0
2449	Environmental Toxicology environmental impact assessment (EIA) toxicology : Carcinogenesis environmental impact assessment (EIA) toxicology carcinogenesis. , 2012, , 3595-3620.		0
2450	Molecular and Cellular Biology. , 2012, , 43-52.		0
2451	Colorectal Cancer Carcinogenesis and Animal Models. Journal of Carcinogenesis & Mutagenesis, 2012, 03, .	0.3	0
2452	Environmental Toxicology: Carcinogenesis. , 2013, , 203-238.		0
2453	Targeted Therapies and Molecular Diagnostics of Gastrointestinal Cancers. Molecular Pathology Library, 2013, , 33-41.	0.1	0
2454	Molecular Pathology of Colon and Small Bowel Cancers: Sporadic Type. Molecular Pathology Library, 2013, , 131-140.	0.1	0
2455	Colorectal Cancer Genome and Its Implications. , 2013, , 247-265.		0
2456	Mutation carriersâ€™ perspectives on Lynch syndrome. Klinisk Sygepleje, 2013, 27, 74-75.	0.2	0

#	ARTICLE	IF	CITATIONS
2457	Nonmelanoma Skin Cancers. , 2014, , 1092-1111.e7.		1
2458	DNA Damage Response Pathways and Cancer. , 2014, , 142-153.e3.		2
2460	Advances in Genome Research and Molecular Diagnostics.. Keio Journal of Medicine, 1994, 43, 211-213.	0.5	1
2461	Oncogenesis of Colorectal Cancer. The Journal of the Japanese Practical Surgeon Society, 1994, 55, 2181-2192.	0.0	0
2462	Genetic Alterations. , 1994, , 226-237.		0
2464	æŕˆâĈE-â™ˆç™ĈEâ«âˆ³/4â™Mâ,«éâ¹/4ââf-âf™âf«ââ,çâf-âfâf¹/4âf; Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Sur-		
2465	Homologous Recombination of Monkey Î±-Satellite Repeats in an In Vitro Simian Virus 40 Replication System: Possible Association of Recombination with DNA Replication. Molecular and Cellular Biology, 1994, 14, 4173-4182.	1.1	11
2466	Elevated Frequency of Microsatellite Mutations in TK6 Human Lymphoblast Clones Selected for Mutations at the Thymidine Kinase Locus. Molecular and Cellular Biology, 1994, 14, 4373-4379.	1.1	11
2467	Molekulare Marker zur Identifizierung von Patienten mit Hereditary Nonpolyposis Colorectal Cancer Syndrome (HNPCC). , 1995, , 513-515.		0
2468	Breast cancer genetics. Cancer Biology and Medicine, 1995, , 1-19.	0.1	0
2470	The genetics of prostate cancer. Cancer Biology and Medicine, 1995, , 67-83.	0.1	0
2471	Editing DNA replication and recombination by mismatch repair: from bacterial genetics to mechanisms of predisposition to cancer in humans. , 1995, , 93-99.		0
2473	Mismatch repair, genetic stability and tumour avoidance. , 1995, , 85-91.		0
2474	Genomic instability in the progression of chronic myelogenous leukemia to blast crisis by PCR-microsatellite instability assay(MIA).. Seibutsu Butsuri Kagaku, 1995, 39, 19-23.	0.1	0
2475	THE MOLECULAR BASIS OF INHERITED DISORDERS OF THE GASTROINTESTINAL AND HEPATOBILIARY TRACTS. Gastroenterology Clinics of North America, 1995, 24, 45-70.	1.0	0
2476	Keimbahnmutationen in den Mismatch-Repair-Genen hMSH2 und hMLH1 bei sporadischen, familiären und hereditären kolorektalen Karzinomen. , 1996, , 439-443.		0
2477	Techniken und Strategien zur Identifizierung von Mutationen, die zum Hereditary Nonpolyposis Colorectal Cancer Syndrome (HNPCC Syndrom) prädisponieren. , 1996, , 353-356.		0
2478	CLINICOPATHOLOGICAL STUDY OF MULTIPLE CARCINOMAS OF THE COLON AND RECTUM WITH A FAMILY HISTORY. The Journal of the Japanese Practical Surgeon Society, 1996, 57, 298-302.	0.0	0

#	ARTICLE	IF	CITATIONS
2479	Molecular Evolution of Colorectal Neoplasms. , 1996, , 17-28.		0
2480	Progress Toward a Transcript Map of the Human Genome. Stadler Genetics Symposia Series, 1996, , 47-56.	0.0	0
2481	Chronological Changes in Cell Proliferation of Colonic Mucosa in Dimethylhydrazine-induced Colon Carcinogenesis in Rat.. Japanese Journal of Gastroenterological Surgery, 1996, 29, 1004-1012.	0.0	0
2482	Genetics of Breast Cancer. , 1996, , 197-224.		0
2483	Neoplastic Transformation: Oncogenes, Tumor Suppressors, Cyclins, and Cyclin-Dependent Kinases. , 1996, , 3-41.		0
2484	Genetic predisposition to cancer: an introduction. , 1996, , 3-15.		2
2485	Familial ovarian cancer. , 1996, , 290-296.		1
2486	Interferons and the tumor cell. , 1996, , 213-218.		1
2487	From chromosomes to genes: how to isolate cancer-predisposition genes. , 1996, , 40-55.		0
2488	Lynch-Syndrom: Molekulare Diagnose und ihre Bedeutung für die chirurgische Therapie. , 1996, , 435-438.		0
2489	The genetics of familial colon cancer. , 1996, , 306-319.		2
2490	Microsatellite Instability. Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Surgeons), 1997, 22, 708-711.	0.0	0
2491	Potential of Molecular Biology in Preoperative Evaluation. , 1997, , 101-114.		0
2492	A Case Report of Many Flat Adenomas with Familial History of Colorectal Cancer.. Nihon Daicho Komonbyo Gakkai Zasshi, 1997, 50, 177-182.	0.1	0
2493	Molekularbiologie und Genetik urogenitaler Tumoren. , 1997, , 783-841.		0
2494	Inherited forms of colorectal cancer: guidelines for management. , 1997, , 331-337.		0
2495	Microsatellite Instability. Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Surgeons), 1997, 22, 708-711.		0
2496	Medical Background: Human DNA Damage Recognition and Processing Disorders. Molecular Biology Intelligence Unit, 1997, , 1-30.	0.2	0

#	ARTICLE	IF	CITATIONS
2497	Surgical Procedure and Genetic Diagnosis for Hereditary Nonpolyposis Colorectal Cancer.. Japanese Journal of Gastroenterological Surgery, 1997, 30, 915-919.	0.0	0
2499	Genetic Instability and Evolution of Karyotype in Secondary Acute Myeloid Leukemia. Hamatologie Und Bluttransfusion, 1997, , 889-892.	0.0	0
2500	UVB Irradiation, Mismatch Repair and Cutaneous Melanoma. , 1997, , 727-737.		0
2501	Animal Models of DNA Damage Recognition and Processing Disorders. Molecular Biology Intelligence Unit, 1997, , 31-45.	0.2	0
2502	Exogenous Carcinogen-DNA Adducts and Their Repair in Mammalian Cells. , 1998, , 51-64.		0
2503	Molecular prognostic markers in breast cancer. , 1998, , 275-290.		0
2504	TWO CASES OF COLORECTAL CANCER IN THE SAME KINDRED OF HEREDITARY NON-POLYPOSIS COLORECTAL CANCER (HNPCC). Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 1998, 59, 1864-1869.	0.0	0
2505	The molecular genetics of colonic cancer. Cancer Treatment and Research, 1998, 98, 351-382.	0.2	1
2506	A Case of the Carcinoma of the Small Intestine after Operation for Hereditary Non-polyposis Colorectal Cancer.. Japanese Journal of Gastroenterological Surgery, 1998, 31, 1131-1135.	0.0	6
2507	Molecular Abnormalities in the Sequential Development of Lung Carcinoma. , 1998, , 57-66.		0
2508	Mechanismen der Entstehung genetisch bedingter Krebsformen. , 1998, , 3-26.		2
2509	Mutation as a (Bio)Chemical Process (1958â€“1996). , 1998, , 151-161.		0
2510	Short Patch Mismatch Repair in Mammalian Cells. , 1998, , 119-131.		1
2511	Genetics of DNA Mismatch Repair, Microsatellite Instability, and Cancer. , 1998, , 443-464.		0
2513	A CASE OF METACHRONOUS MULTIPLE CANCER INCLUDING PRIMARY ADENOCARCINOMA AT A COLOSTOMY SITE. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 1998, 59, 3200-3204.	0.0	2
2514	Clinical application of studies on large bowel cancer gene. 1. Application of molecular biology in medical care of inheritance large bowel cancer.. Nihon Daicho Komonbyo Gakkai Zasshi, 1998, 51, 1094-1100.	0.1	0
2515	Clinical relevance of genetic alterations in lung cancer. , 1998, , 45-57.		1
2516	Transcriptional Responses to Damage Created by Ionizing Radiation. , 1998, , 223-262.		0

#	ARTICLE	IF	CITATIONS
2517	Familial and Hereditary Non-polyposis Colorectal Cancer: Issues Relevant for Surgical Practice. Recent Results in Cancer Research, 1998, 146, 20-31.	1.8	0
2518	Molecular Pathological Mechanisms in NSCLC and the Assessment of Individuals with a High Risk of Developing Lung Cancer. , 1998, , 247-261.		2
2519	The mutation processes resulting to cancer: the role of ALLU repeats in genetic instability. Biopolymers and Cell, 1998, 14, 389-395.	0.1	0
2520	Molecular Alterations in Breast Cancer. , 1999, , 143-170.		3
2521	Gastrointestinal Carcinomas. , 1999, , 159-179.		0
2522	A CASE OF HEREDITARY NON-POLYPOSIS COLORECTAL CANCER PRESENTED HETEROCHRONOUS TRIPLE CANCER WITH MULTIPLE COLON CANCER. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical) Tj ETQq1 1@.0784314rgBT /Ove		0
2523	Use of Biochemical and Molecular Biomarkers for Cancer Risk Assessment in Humans. , 1999, , 81-182.		4
2524	Expression of hMSH-2 Mismatch-Repair Gene in Epithelial and Melanocytic Skin Tumors: Regulation by P53 Protein and UV-B Irradiation. , 1999, , 219-226.		0
2525	Strategies for Cloning Mammalian DNA Repair Genes. , 1999, , 57-85.		0
2526	Genetics of Colorectal Cancer. , 1999, , 153-172.		0
2527	COLONIC CANCERS ARISE FROM THE RIGHT AND LEFT SIDE OF THE COLON AND MOLECULAR ONCOLOGICAL BACKGROUNDS. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical) Tj ETQq0 0 0 rgBT /Ovedock 100f 50 337		0
2528	Aktuelles vom HNPCC. , 1999, , 35-42.		0
2529	Genetic Analysis of Brain Tumors. Japanese Journal of Neurosurgery, 1999, 8, 3-12.	0.0	1
2530	Clinical challenges in management of familial adenomatous polyposis and hereditary nonpolyposis colorectal cancer. Cancer, 1999, 86, 1713-1719.	2.0	2
2531	Rare Cancers. Advances in Predictive, Preventive and Personalised Medicine, 2015, , 109-130.	0.6	0
2532	Second Malignancies Following Treatment for Childhood Cancer. Pediatric Oncology, 2015, , 353-367.	0.5	0
2533	The regulatory function of sphingosine-1-phosphate signaling axis on regulatory T cells in colorectal cancer. AIMS Molecular Science, 2015, 2, 34-47.	0.3	0
2534	Hereditary CRC Syndromes. , 2015, , 1-28.		0

#	ARTICLE	IF	CITATIONS
2535	Second Malignant Neoplasms. , 2015, , 209-220.		0
2536	Hereditary Upper Tract Urothelial Carcinoma: Lynch Syndrome, Hereditary Nonpolyposis Colorectal Cancer Syndrome (HNPCC). , 2015, , 83-89.		0
2537	Mismatch Repair. , 2016, , 305-339.		1
2538	Genetics and Epigenetics of Head and Neck Cancer. , 2016, , 115-132.		0
2539	Hereditary Nonpolyposis Colorectal Cancer and Lynch Syndrome. , 2016, , 339-350.		0
2540	MISMATCH REPAIR AND REPAIR OF INSERTION/DELETION LOOPS IN EUKARYOTIC DNA. Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra, 2016, 1, 72-75.	0.1	0
2541	A rare pseudomyxoma peritonei with a MSH2 variation of unknown significance and two mutation carrier family members. Journal of Genetic Medicine, 2016, 13, 55-58.	0.1	0
2542	Hereditary Nonpolyposis Colorectal Cancer. , 2017, , 2059-2059.		2
2544	Mismatch Repair. , 2018, , 683-695.		0
2546	Principles of Diagnosis and Personalized Treatment of Hereditary Colorectal Cancer. Vestnik Rossiiskoi Akademii Meditsinskikh Nauk, 2019, 74, 118-124.	0.2	2
2547	Clinical and genetic aspects of differential diagnostics of hereditary non-polyposis colorectal cancer. Uspehi Molekularnoj Onkologii, 2019, 6, 21-27.	0.1	0
2549	Disease variant prediction with deep generative models of evolutionary data. Nature, 2021, 599, 91-95.	13.7	306
2550	The Adroitness of Andrographolide as a Natural Weapon Against Colorectal Cancer. Frontiers in Pharmacology, 2021, 12, 731492.	1.6	7
2551	Molecular Mechanism of Lynch Syndrome. , 2020, , 1-20.		0
2552	Screening for Lynch Syndrome. , 2020, , 85-92.		0
2553	Harveian Oration 2019: Prediction and prevention in the genomic era. Clinical Medicine, 2020, 20, 8-20.	0.8	0
2556	Heat Shock Proteins in the Progression of Cancer. , 2007, , 422-450.		0
2557	Apoptosis in Colorectal Tumorigenesis and Chemotherapy. , 2009, , 75-109.		0

#	ARTICLE	IF	CITATIONS
2564	Complex recombination events at the hypermutable minisatellite CEB1 (D2S90). <i>EMBO Journal</i> , 1994, 13, 3203-10.	3.5	56
2565	Instability of long inverted repeats within mouse transgenes. <i>EMBO Journal</i> , 1996, 15, 1163-71.	3.5	55
2566	Repair-deficient 3-methyladenine DNA glycosylase homozygous mutant mouse cells have increased sensitivity to alkylation-induced chromosome damage and cell killing. <i>EMBO Journal</i> , 1996, 15, 945-52.	3.5	59
2569	Recognition of DNA alterations by the mismatch repair system. <i>Biochemical Journal</i> , 1999, 338 (Pt 1), 1-13.	1.7	22
2570	The Canadian Familial Adenomatous Polyposis Registry: past, present and future. <i>Journal of the Royal Society of Medicine</i> , 1996, 89, 153P-4P.	1.1	0
2577	Different mechanisms underlie DNA instability in Huntington disease and colorectal cancer. <i>American Journal of Human Genetics</i> , 1997, 60, 879-90.	2.6	45
2578	A common MSH2 mutation in English and North American HNPCC families: origin, phenotypic expression, and sex specific differences in colorectal cancer. <i>Journal of Medical Genetics</i> , 1999, 36, 97-102.	1.5	66
2579	Mononucleotide microsatellite instability and germline MSH6 mutation analysis in early onset colorectal cancer. <i>Journal of Medical Genetics</i> , 1999, 36, 678-82.	1.5	59
2580	Delivery of molecular genetic services within a health care system: time analysis of the clinical workload. The Molecular Genetic Study Group. <i>American Journal of Human Genetics</i> , 1995, 56, 760-8.	2.6	13
2581	Loss of heterozygosity in chondrosarcomas for markers linked to hereditary multiple exostoses loci on chromosomes 8 and 11. <i>American Journal of Human Genetics</i> , 1995, 56, 1132-9.	2.6	101
2582	Seven new mutations in hMSH2, an HNPCC gene, identified by denaturing gradient-gel electrophoresis. <i>American Journal of Human Genetics</i> , 1995, 56, 1060-6.	2.6	92
2583	Consensus sequence Zen. <i>Applied Bioinformatics</i> , 2002, 1, 111-9.	1.7	49
2584	Poorly differentiated colonic adenocarcinoma, medullary type: clinical, phenotypic, and molecular characteristics. <i>American Journal of Pathology</i> , 1997, 150, 1815-25.	1.9	109
2585	Pancreatic adenocarcinomas with DNA replication errors (RER+) are associated with wild-type K-ras and characteristic histopathology. Poor differentiation, a syncytial growth pattern, and pushing borders suggest RER+. <i>American Journal of Pathology</i> , 1998, 152, 1501-7.	1.9	203
2586	Telomerase activity is commonly detected in hereditary nonpolyposis colorectal cancers. <i>American Journal of Pathology</i> , 1996, 148, 1075-9.	1.9	22
2587	Clinical and pathological significance of microsatellite instability in sporadic endometrial carcinoma. <i>American Journal of Pathology</i> , 1996, 148, 1671-8.	1.9	133
2588	Microsatellite instability in preinvasive and invasive head and neck squamous carcinoma. <i>American Journal of Pathology</i> , 1996, 148, 2067-72.	1.9	47
2589	Intratumor heterogeneity of K-ras2 mutations in colorectal adenocarcinomas: association with degree of DNA aneuploidy. <i>American Journal of Pathology</i> , 1996, 149, 237-45.	1.9	54

#	ARTICLE	IF	CITATIONS
2590	Chromosome 3 allelic losses and microsatellite alterations in transitional cell carcinoma of the urinary bladder. <i>American Journal of Pathology</i> , 1996, 149, 229-35.	1.9	53
2591	Microsatellite instability in adenocarcinomas of the upper gastrointestinal tract. Relation to clinicopathological data and family history. <i>American Journal of Pathology</i> , 1995, 147, 593-600.	1.9	67
2592	Microsatellite instability. Shifting concepts in tumorigenesis. <i>American Journal of Pathology</i> , 1995, 147, 561-3.	1.9	25
2593	Microsatellite instability in adenocarcinoma of the prostate. <i>American Journal of Pathology</i> , 1995, 147, 799-805.	1.9	16
2594	Clinical and pathological characteristics of sporadic colorectal carcinomas with DNA replication errors in microsatellite sequences. <i>American Journal of Pathology</i> , 1994, 145, 148-56.	1.9	546
2595	Colon cancer connections. Cancer syndrome meets molecular biology meets histopathology. <i>American Journal of Pathology</i> , 1994, 145, 1-6.	1.9	161
2596	Cathepsin B and other proteases in human colorectal carcinoma. <i>American Journal of Pathology</i> , 1994, 145, 253-62.	1.9	17
2597	Majority of hMLH1 mutations responsible for hereditary nonpolyposis colorectal cancer cluster at the exonic region 15-16. <i>American Journal of Human Genetics</i> , 1996, 58, 300-7.	2.6	76
2598	RNA-based mutation screening in hereditary nonpolyposis colorectal cancer. <i>American Journal of Human Genetics</i> , 1996, 59, 818-24.	2.6	52
2599	The genetic basis of Muir-Torre syndrome includes the hMLH1 locus. <i>American Journal of Human Genetics</i> , 1996, 59, 736-9.	2.6	59
2600	Hereditary nonpolyposis colon cancer: analysis of linkage to 2p15-16 places the COCA1 locus telomeric to D2S123 and reveals genetic heterogeneity in seven Canadian families. <i>American Journal of Human Genetics</i> , 1994, 54, 1067-77.	2.6	16
2601	Bloom syndrome and maternal uniparental disomy for chromosome 15. <i>American Journal of Human Genetics</i> , 1994, 55, 74-80.	2.6	47
2602	Mismatch repair genes on chromosomes 2p and 3p account for a major share of hereditary nonpolyposis colorectal cancer families evaluable by linkage. <i>American Journal of Human Genetics</i> , 1994, 55, 659-65.	2.6	103
2603	Using data mining to characterize DNA mutations by patient clinical features. <i>Proceedings: A Conference of the American Medical Informatics Association</i> , 1997, , 253-7.	0.7	1
2606	The mRNA level of MLH1 in peripheral blood is a biomarker for the diagnosis of hereditary nonpolyposis colorectal cancer. <i>American Journal of Cancer Research</i> , 2016, 6, 1135-40.	1.4	5
2608	Analysis of the Expression and Prognostic Value of MSH2 in Pan-Cancer Based on Bioinformatics. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	5
2609	The impact of DNA testing on management of patients with colorectal cancer. <i>Annals of Gastroenterological Surgery</i> , 2022, 6, 17-28.	1.2	3
2610	What is the hereditary non-polyposis colorectal cancer syndrome?. , 2000, 2, 191-201.		1

#	ARTICLE	IF	CITATIONS
2611	The 100 Most-Cited Articles in the Field of Colorectal Diseases from 1955 to 2020: A Bibliometric Analysis. , 2022, 33, 221-232.		1
2612	Review article: Lynch Syndromeâ€”a mechanistic and clinical management update. Alimentary Pharmacology and Therapeutics, 2022, 55, 960-977.	1.9	8
2613	Management of Colorectal Cancer in Hereditary Syndromes. Surgical Oncology Clinics of North America, 2022, 31, 307-319.	0.6	5
2614	A review of the mutagenic potential of <i>N</i> -ethyl- <i>N</i> -nitrosourea (ENU) to induce hematological malignancies. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23067.	1.4	4
2615	Anti-recombination function of MutS \pm restricts telomere extension by ALT-associated homology-directed repair. Cell Reports, 2021, 37, 110088.	2.9	15
2616	Defects in MMR Genes as a Seminal Example of Personalized Medicine: From Diagnosis to Therapy. Journal of Personalized Medicine, 2021, 11, 1333.	1.1	9
2617	Analysis of Alterations in a Base-Excision Repair Gene in Lung Cancer. , 2003, 74, 413-438.		4
2629	Current strategies in the search for low penetrance genes in cancer. Histology and Histopathology, 2008, 23, 507-14.	0.5	8
2631	Whole-Exome Sequencing of Germline Variants in Non-BRCA Families with Hereditary Breast Cancer. Biomedicines, 2022, 10, 1004.	1.4	1
2632	Is <i>hEXO1</i> a Cancer Predisposing Gene?. Molecular Cancer Research, 2004, 2, 427-432.	1.5	35
2633	Olaparib Induces RPL5/RPL11-Dependent p53 Activation via Nucleolar Stress. Frontiers in Oncology, 2022, 12, .	1.3	2
2635	Current Systemic Treatments for the Hereditary Cancer Syndromes: Drug Development in Light of Genomic Defects. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2022, , 808-824.	1.8	2
2636	Recent Advances in Directed Yeast Genome Evolution. Journal of Fungi (Basel, Switzerland), 2022, 8, 635.	1.5	2
2637	Rad5 and Its Human Homologs, HLTf and SHPRH, Are Novel Interactors of Mismatch Repair. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	1
2638	DNA Damage Response: A Therapeutic Landscape For Breast Cancer Treatment. , 2022, , 62-85.		0
2639	The Role of Immunohistochemistry Markers in Endometrial Cancer with Mismatch Repair Deficiency: A Systematic Review. Cancers, 2022, 14, 3783.	1.7	10
2640	Relationship of microsatellite instability to mismatch repair deficiency in malignant tumors of dogs. Journal of Veterinary Internal Medicine, 2022, 36, 1760-1769.	0.6	2
2642	Mismatch Repair Deficiency and Microsatellite Instability. Encyclopedia, 2022, 2, 1559-1576.	2.4	9

#	ARTICLE	IF	CITATIONS
2643	Germline variants screening of <i>MLH1</i> , <i>MSH2</i> , <i>MSH6</i> and <i>PMS2</i> genes in 64 Algerian Lynch syndrome families: The first nationwide study. <i>Annals of Human Genetics</i> , 0, , .	0.3	0
2644	Current progress and future perspectives of neoadjuvant anti-PD-1/PD-L1 therapy for colorectal cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	19
2645	Modifier genes and Lynch syndrome: some considerations. <i>Hereditary Cancer in Clinical Practice</i> , 2022, 20, .	0.6	4
2646	Diferenas clnicas, epidemiolgicas e biolgicas entre o cncer na criana e no adulto. <i>Revista Brasileira De Cancerologia</i> , 2022, 43, 191-203.	0.0	3
2647	Interpretation of the role of germline and somatic non-coding mutations in cancer: expression and chromatin conformation informed analysis. <i>Clinical Epigenetics</i> , 2022, 14, .	1.8	3
2650	Hereditary Ovarian Cancer. , 2022, , 43-55.		0
2652	Integrative Genomic Tests in Clinical Oncology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13129.	1.8	8
2653	FOXK2 transcription factor and its roles in tumorigenesis (Review). <i>Oncology Letters</i> , 2022, 24, .	0.8	0
2654	Susceptibilidad gentica en cncer de colon. , 0, , 20-23.		0
2657	Sndrome de Lynch: impacto de la caracterizacin de familias en base a estudios genticos. , 2018, 23, .		0
2658	The Heart of the Matter: A Unique Convergence of Cardiac Neoplasm, Hereditary Nonpolyposis Colorectal Cancer, and Spindle Cell Sarcoma. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 73-82.	3.0	1
2659	The Adaptability of Chromosomal Instability in Cancer Therapy and Resistance. <i>International Journal of Molecular Sciences</i> , 2023, 24, 245.	1.8	0
2660	MutS and MutL sliding clamps in DNA mismatch repair. <i>Genome Instability & Disease</i> , 0, , .	0.5	0
2661	Integrative analysis and identification of key elements and pathways regulated by Traditional Chinese Medicine (Yiqi Sanjie formula) in colorectal cancer. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
2662	Unexplained mismatch repair deficiency: Case closed. <i>Human Genetics and Genomics Advances</i> , 2023, 4, 100167.	1.0	0
2663	Molecular Targeted Therapy in Oncology Focusing on DNA Repair Mechanisms. <i>Archives of Medical Research</i> , 2022, 53, 807-817.	1.5	1
2664	Immunotherapy for Esophageal Cancer. , 2023, , 1-22.		0
2665	Synthetical lethality of Werner helicase and mismatch repair deficiency is mediated by p53 and PUMA in colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	6

#	ARTICLE	IF	CITATIONS
2666	Genetically engineered mouse models for hereditary cancer syndromes. <i>Cancer Science</i> , 2023, 114, 1800-1815.	1.7	3
2667	Molecular Genetic Characteristics of FANCI, a Proposed New Ovarian Cancer Predisposing Gene. <i>Genes</i> , 2023, 14, 277.	1.0	3
2668	Comprehensive investigating of mismatch repair genes (MMR) polymorphisms in participants with chronic hepatitis B virus infection. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
2669	Use of <i>Arabidopsis thaliana</i> as a model to understand specific carcinogenic events: Comparison of the molecular machinery associated with cancer-hallmarks in plants and humans. <i>Heliyon</i> , 2023, 9, e15367.	1.4	0
2670	Microsatellite Instability: A Review of Molecular Epidemiology and Implications for Immune Checkpoint Inhibitor Therapy. <i>Cancers</i> , 2023, 15, 2288.	1.7	2
2671	<i>Helicobacter pylori</i> and Gastric Cancer: Pathogenetic Mechanisms. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2895.	1.8	34
2672	Gene-Environment Interactions in Repeat Expansion Diseases: Mechanisms of Environmentally Induced Repeat Instability. <i>Biomedicines</i> , 2023, 11, 515.	1.4	1
2673	Diagnosis of Lynch syndrome in cancer patients: the position of the Interregional organization of molecular geneticists in Oncology and Oncohematology. <i>Voprosy Onkologii</i> , 2023, 69, 7-14.	0.1	0
2674	B cell class switch recombination is regulated by DYRK1A through MSH6 phosphorylation. <i>Nature Communications</i> , 2023, 14, .	5.8	1
2675	Evolutionary conservation of the fidelity of transcription. <i>Nature Communications</i> , 2023, 14, .	5.8	5
2692	A new wave of innovations within the DNA damage response. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	6
2702	Advance precision medicine to combat colorectal cancer. , 2024, , 387-410.		1