Lauri A Aaltonen

List of Publications by Year
in descending order

337 papers	41,972 citations	2970 93 h-index	2624 194 g-index
349 all docs	349 docs citations	349 times ranked	31157 citing authors

#	Article	IF	Citations
1	Clues to the pathogenesis of familial colorectal cancer. Science, 1993, 260, 812-816.	6.0	2,563
2	Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer. Cell, 1993, 75, 1215-1225.	13.5	2,195
3	A serine/threonine kinase gene defective in Peutzâ€“Jeghers syndrome. Nature, 1998, 391, 184-187.	13.7	1,451
4	Germline mutations in FH predispose to dominantly inherited uterine fibroids, skin leiomyomata and papillary renal cell cancer. Nature Genetics, 2002, 30, 406-410.	9.4	1,426
5	Controlled 15-year trial on screening for colorectal cancer in families with hereditary nonpolyposis colorectal cancer. Gastroenterology, 2000, 118, 829-834.	0.6	1,259
6	Cancer risk in mutation carriers of DNA-mismatch-repair genes. , 1999, 81, 214-218.		1,061
7	Incidence of Hereditary Nonpolyposis Colorectal Cancer and the Feasibility of Molecular Screening for the Disease. New England Journal of Medicine, 1998, 338, 1481-1487.	13.9	1,048
8	Mutations in the SMAD4/DPC4 Gene in Juvenile Polyposis. Science, 1998, 280, 1086-1088.	6.0	866
9	Genetic mapping of a locus predisposing to human colorectal cancer. Science, 1993, 260, 810-812.	6.0	846
10	Multiple Colorectal Adenomas, Classic Adenomatous Polyposis, and Germ-Line Mutations inMYH. New England Journal of Medicine, 2003, 348, 791-799.	13.9	822
11	Inherited susceptibility to uterine leiomyomas and renal cell cancer. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3387-3392.	3.3	604
12	Life-time risk of different cancers in hereditary non-polyposis colorectal cancer (hnpcc) syndrome. International Journal of Cancer, 1995, 64, 430-433.	2.3	560
13	Pituitary Adenoma Predisposition Caused by Germline Mutations in the AIP Gene. Science, 2006, 312, 1228-1230.	6.0	557
14	MED12 , the Mediator Complex Subunit 12 Gene, Is Mutated at High Frequency in Uterine Leiomyomas. Science, 2011, 334, 252-255.	6.0	547
15	A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. Nature Genetics, 2008, 40, 623-630.	9.4	514
16	Meta-analysis of genome-wide association data identifies four new susceptibility loci for colorectal cancer. Nature Genetics, 2008, 40, 1426-1435.	9.4	498
17	Loss-of-Function Mutations in PPARÎ³ Associated with Human Colon Cancer. Molecular Cell, 1999, 3, 799-804.	4.5	485
18	Population-Based Molecular Detection of Hereditary Nonpolyposis Colorectal Cancer. Journal of Clinical Oncology, 2000, 18, 2193-2200.	0.8	466

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19	The common colorectal cancer predisposition SNP rs6983267 at chromosome 8q24 confers potential to enhanced Wnt signaling. Nature Genetics, 2009, 41, 885-890.	9.4	463
20	Localization of a susceptibility locus for Peutz-Jeghers syndrome to 19p using comparative genomic hybridization and targeted linkage analysis. Nature Genetics, 1997, 15, 87-90.	9.4	444
21	Identification of Lynch Syndrome Among Patients With Colorectal Cancer. JAMA - Journal of the American Medical Association, 2012, 308, 1555.	3.8	443
22	A recurrent mutation in PALB2 in Finnish cancer families. Nature, 2007, 446, 316-319.	13.7	402
23	Metastasis-Associated Gene Expression Changes Predict Poor Outcomes in Patients with Dukes Stage B and C Colorectal Cancer. Clinical Cancer Research, 2009, 15, 7642-7651.	3.2	395
24	CTCF/cohesin-binding sites are frequently mutated in cancer. Nature Genetics, 2015, 47, 818-821.	9.4	383
25	DNA methylation patterns in hereditary human cancers mimic sporadic tumorigenesis. Human Molecular Genetics, 2001, 10, 3001-3007.	1.4	374
26	Early-Onset Renal Cell Carcinoma as a Novel Extraparaganglial Component of SDHB-Associated Heritable Paraganglioma. American Journal of Human Genetics, 2004, 74, 153-159.	2.6	367
27	A role for mitochondrial enzymes in inherited neoplasia and beyond. Nature Reviews Cancer, 2003, 3, 193-202.	12.8	359
28	A TARBP2 mutation in human cancer impairs microRNA processing and DICER1 function. Nature Genetics, 2009, 41, 365-370.	9.4	355
29	Cancer Risk in Hereditary Nonpolyposis Colorectal Cancer Syndrome: Later Age of Onset. Gastroenterology, 2005, 129, 415-421.	0.6	338
30	Mutations in BRIP1 confer high risk of ovarian cancer. Nature Genetics, 2011, 43, 1104-1107.	9.4	338
31	Better survival rates in patients with MLH1-associated hereditary colorectal cancer. Gastroenterology, 1996, 110, 682-687.	0.6	336
32	Meta-analysis of three genome-wide association studies identifies susceptibility loci for colorectal cancer at 1q41, 3q26.2, 12q13.13 and 20q13.33. Nature Genetics, 2010, 42, 973-977.	9.4	335
33	Clinical Characteristics and Therapeutic Responses in Patients with Germ-LineAIPMutations and Pituitary Adenomas: An International Collaborative Study. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E373-E383.	1.8	323
34	Microsatellite instability is a favorable prognostic indicator in patients with colorectal cancer receiving chemotherapy. Gastroenterology, 2000, 119, 921-928.	0.6	322
35	Molecular Staging for Survival Prediction of Colorectal Cancer Patients. Journal of Clinical Oncology, 2005, 23, 3526-3535.	0.8	313
36	Cancer Risk in Hereditary Nonpolyposis Colorectal Cancer Syndrome: Later Age of Onset. Gastroenterology, 2005, 129, 415-421.	0.6	309

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37	BRAF screening as a low-cost effective strategy for simplifying HNPCC genetic testing. Journal of Medical Genetics, 2004, 41, 664-668.	1.5	305
38	Loss of the wild type MLH1 gene is a feature of hereditary nonpolyposis colorectal cancer. Nature Genetics, 1994, 8, 405-410.	9.4	304
39	Familial Isolated Pituitary Adenomas (FIPA) and the Pituitary Adenoma Predisposition due to Mutations in the Aryl Hydrocarbon Receptor Interacting Protein (AIP) Gene. Endocrine Reviews, 2013, 34, 239-277.	8.9	289
40	Characterization of Uterine Leiomyomas by Whole-Genome Sequencing. New England Journal of Medicine, 2013, 369, 43-53.	13.9	280
41	Founding mutations and Alu-mediated recombination in hereditary colon cancer. Nature Medicine, 1995, 1, 1203-1206.	15.2	275
42	Germline CDKN1B/p27Kip1 Mutation in Multiple Endocrine Neoplasia. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3321-3325.	1.8	262
43	A truncating mutation of HDAC2 in human cancers confers resistance to histone deacetylase inhibition. Nature Genetics, 2006, 38, 566-569.	9.4	254
44	Ten Years After Mutation Testing for Lynch Syndrome: Cancer Incidence and Outcome in Mutation-Positive and Mutation-Negative Family Members. Journal of Clinical Oncology, 2009, 27, 4793-4797.	0.8	252
45	Germline Mutations in BMPR1A/ALK3 Cause a Subset of Cases of Juvenile Polyposis Syndrome and of Cowden and Bannayan-Riley-Ruvalcaba Syndromes*. American Journal of Human Genetics, 2001, 69, 704-711.	2.6	236
46	The prevalence of MADH4 and BMPR1A mutations in juvenile polyposis and absence of BMPR2, BMPR1B, and ACVR1 mutations. Journal of Medical Genetics, 2004, 41, 484-491.	1.5	226
47	Aberrant succination of proteins in fumarate hydrataseâ€deficient mice and HLRCC patients is a robust biomarker of mutation status. Journal of Pathology, 2011, 225, 4-11.	2.1	225
48	Molecular Classification of Patients With Unexplained Hamartomatous and Hyperplastic Polyposis. JAMA - Journal of the American Medical Association, 2005, 294, 2465.	3.8	218
49	Differential gene expression in colon cancer of the caecum versus the sigmoid and rectosigmoid. Gut, 2005, 54, 374-384.	6.1	212
50	The DNA repair gene MBD4 (MED1) is mutated in human carcinomas with microsatellite instability. Nature Genetics, 1999, 23, 266-268.	9.4	211
51	Common variation near CDKN1A, POLD3 and SHROOM2 influences colorectal cancer risk. Nature Genetics, 2012, 44, 770-776.	9.4	210
52	Mice Lacking a Myc Enhancer That Includes Human SNP rs6983267 Are Resistant to Intestinal Tumors. Science, 2012, 338, 1360-1363.	6.0	200
53	Familial Cutaneous Leiomyomatosis Is a Two-Hit Condition Associated with Renal Cell Cancer of Characteristic Histopathology. American Journal of Pathology, 2001, 159, 825-829.	1.9	191
54	Multiple Common Susceptibility Variants near BMP Pathway Loci GREM1, BMP4, and BMP2 Explain Part of the Missing Heritability of Colorectal Cancer. PLoS Genetics, 2011, 7, e1002105.	1.5	188

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55	Gene expression in colorectal cancer. Cancer Research, 2002, 62, 4352-63.	0.4	186
56	Increased risk of cancer in patients with fumarate hydratase germline mutation. Journal of Medical Genetics, 2006, 43, 523-526.	1.5	184
57	PTEN Mutational Spectra, Expression Levels, and Subcellular Localization in Microsatellite Stable and Unstable Colorectal Cancers. American Journal of Pathology, 2002, 161, 439-447.	1.9	173
58	Molecular diagnosis of pituitary adenoma predisposition caused by aryl hydrocarbon receptor-interacting protein gene mutations. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4101-4105.	3.3	173
59	SMAD4 as a Prognostic Marker in Colorectal Cancer. Clinical Cancer Research, 2005, 11, 2606-2611.	3.2	172
60	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. Nature Communications, 2019, 10, 2154.	5.8	172
61	Epigenetic inactivation of LKB1 in primary tumors associated with the Peutz-Jeghers syndrome. Oncogene, 2000, 19, 164-168.	2.6	171
62	Biallelic Inactivation of Fumarate Hydratase (FH) Occurs in Nonsyndromic Uterine Leiomyomas but Is Rare in Other Tumors. American Journal of Pathology, 2004, 164, 17-22.	1.9	167
63	Transcription Factor PROX1 Induces Colon Cancer Progression by Promoting the Transition from Benign to Highly Dysplastic Phenotype. Cancer Cell, 2008, 13, 407-419.	7.7	166
64	Integrated data analysis reveals uterine leiomyoma subtypes with distinct driver pathways and biomarkers. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1315-1320.	3.3	166
65	Genomics of uterine leiomyomas:Âinsights from high-throughput sequencing. Fertility and Sterility, 2014, 102, 621-629.	0.5	164
66	BRAF-V600E is not involved in the colorectal tumorigenesis of HNPCC in patients with functional MLH1 and MSH2 genes. Oncogene, 2005, 24, 3995-3998.	2.6	155
67	Screening E-cadherin in gastric cancer families reveals germline mutations only in hereditary diffuse gastric cancer kindred. Human Mutation, 2002, 19, 510-517.	1.1	153
68	Explaining the Familial Colorectal Cancer Risk Associated with Mismatch Repair (MMR)-Deficient and MMR-Stable Tumors. Clinical Cancer Research, 2007, 13, 356-361.	3.2	153
69	Features of gastric cancer in hereditary non-polyposis colorectal cancer syndrome. , 1997, 74, 551-555.		152
70	Colibactin DNA-damage signature indicates mutational impact in colorectal cancer. Nature Medicine, 2020, 26, 1063-1069.	15.2	149
71	Loss of SUFU Function in Familial Multiple Meningioma. American Journal of Human Genetics, 2012, 91, 520-526.	2.6	137
72	Serrated carcinomas form a subclass of colorectal cancer with distinct molecular basis. Oncogene, 2007, 26, 312-320.	2.6	136

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73	Mutations and impaired function of LKB1 in familial and non-familial Peutz-Jeghers syndrome and a sporadic testicular cancer. Human Molecular Genetics, 1999, 8, 45-51.	1.4	135
74	LKB1 exonic and whole gene deletions are a common cause of Peutz-Jeghers syndrome. Journal of Medical Genetics, 2005, 43, e18-e18.	1.5	135
75	Low-level microsatellite instability in most colorectal carcinomas. Cancer Research, 2002, 62, 1166-70.	0.4	135
76	Development of Colorectal Tumors in Colonoscopic Surveillance in Lynch Syndrome. Gastroenterology, 2007, 133, 1093-1098.	0.6	131
77	Genetic reconstruction of individual colorectal tumor histories. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 1236-1241.	3.3	130
78	Proportion and Phenotype of MYH-Associated Colorectal Neoplasia in a Population-Based Series of Finnish Colorectal Cancer Patients. American Journal of Pathology, 2003, 163, 827-832.	1.9	129
79	Distinct patterns of KRAS mutations in colorectal carcinomas according to germline mismatch repair defects and hMLH1 methylation status. Human Molecular Genetics, 2004, 13, 2303-2311.	1.4	127
80	Uterine Leiomyoma-Linked MED12 Mutations Disrupt Mediator-Associated CDK Activity. Cell Reports, 2014, 7, 654-660.	2.9	125
81	KSHV-Initiated Notch Activation Leads to Membrane-Type-1 Matrix Metalloproteinase-Dependent Lymphatic Endothelial-to-Mesenchymal Transition. Cell Host and Microbe, 2011, 10, 577-590.	5.1	123
82	Gene-Expression Profiling Predicts Recurrence in Dukesâ€™ C Colorectal Cancer. Gastroenterology, 2005, 129, 874-884.	0.6	119
83	Few FH mutations in sporadic counterparts of tumor types observed in hereditary leiomyomatosis and renal cell cancer families. Cancer Research, 2002, 62, 4554-7.	0.4	119
84	LKB1 Somatic Mutations in Sporadic Tumors. American Journal of Pathology, 1999, 154, 677-681.	1.9	118
85	Cumulative impact of common genetic variants and other risk factors on colorectal cancer risk in 42â€ˆ103 individuals. Gut, 2013, 62, 871-881.	6.1	117
86	Induction of cyclooxygenase-2 in a mouse model of Peutz-Jeghers polyposis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12327-12332.	3.3	113
87	Frequent loss of SMAD4/DPC4 protein in colorectal cancers. Gut, 2002, 51, 56-59.	6.1	111
88	The MDM2 promoter polymorphism SNP309T->G and the risk of uterine leiomyosarcoma, colorectal cancer, and squamous cell carcinoma of the head and neck. Journal of Medical Genetics, 2005, 42, 694-698.	1.5	108
89	A large-scale meta-analysis to refine colorectal cancer risk estimates associated with MUTYH variants. British Journal of Cancer, 2010, 103, 1875-1884.	2.9	107
90	Epigenetic phenotypes distinguish microsatellite-stable and -unstable colorectal cancers. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 12661-12666.	3.3	105

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91	Somatic MED12 mutations in uterine leiomyosarcoma and colorectal cancer. British Journal of Cancer, 2012, 107, 1761-1765.	2.9	105
92	The MDM2 Promoter SNP285C/309G Haplotype Diminishes Sp1 Transcription Factor Binding and Reduces Risk for Breast and Ovarian Cancer in Caucasians. Cancer Cell, 2011, 19, 273-282.	7.7	104
93	MSH2 andMLH1 mutations in sporadic replication error-positive colorectal carcinoma as assessed by two-dimensional DNA electrophoresis. , 1997, 18, 269-278.		99
94	Candidate driver genes in microsatelliteâ€unstable colorectal cancer. International Journal of Cancer, 2012, 130, 1558-1566.	2.3	99
95	The role of hypermethylation of the hMLH1 promoter region in HNPCC versus MSI+ sporadic colorectal cancers. Journal of Medical Genetics, 2000, 37, 588-592.	1.5	98
96	Whole-Genome Sequencing of Growth Hormone (GH)-Secreting Pituitary Adenomas. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3918-3927.	1.8	96
97	Does MSI-low exist?. Journal of Pathology, 2002, 197, 6-13.	2.1	95
98	MED12 exon 2 mutations are common in uterine leiomyomas from South African patients. Oncotarget, 2011, 2, 966-969.	0.8	95
99	Dysregulation of the transcription factors SOX4, CBFB and SMARCC1 correlates with outcome of colorectal cancer. British Journal of Cancer, 2009, 100, 511-523.	2.9	94
100	Microsatellite Instability in Adenomas as a Marker for Hereditary Nonpolyposis Colorectal Cancer. American Journal of Pathology, 1999, 155, 1849-1853.	1.9	89
101	SMAD4 Levels and Response to 5-Fluorouracil in Colorectal Cancer. Clinical Cancer Research, 2005, 11, 6311-6316.	3.2	89
102	MDM2 SNP309 accelerates colorectal tumour formation in women. Journal of Medical Genetics, 2006, 43, 950-952.	1.5	89
103	Segregation of a Missense Variant in Enteric Smooth Muscle Actin Î³-2 With Autosomal Dominant Familial Visceral Myopathy. Gastroenterology, 2012, 143, 1482-1491.e3.	0.6	89
104	Somatic microsatellite mutations as molecular tumor clocks. Nature Medicine, 1996, 2, 676-681.	15.2	87
105	No Support for Endoscopic Surveillance for Gastric Cancer in Hereditary Non-Polyposis Colorectal Cancer. Scandinavian Journal of Gastroenterology, 2002, 37, 574-577.	0.6	86
106	Close linkage to chromosome 3p and conservation of ancestral founding haplotype in hereditary nonpolyposis colorectal cancer families.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 6054-6058.	3.3	85
107	Mechanisms of Inactivation of the Receptor Tyrosine Kinase EPHB2 in Colorectal Tumors. Cancer Research, 2005, 65, 10170-10173.	0.4	84
108	DNA Copy-Number Alterations Underlie Gene Expression Differences between Microsatellite Stable and Unstable Colorectal Cancers. Clinical Cancer Research, 2008, 14, 8061-8069.	3.2	84

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109	Pro-inflammatory fatty acid profile and colorectal cancer risk: A Mendelian randomisation analysis. European Journal of Cancer, 2017, 84, 228-238.	1.3	81
110	Genetic and Epigenetic Characteristics of Inflammatory Bowel Diseaseâ€“Associated Colorectal Cancer. Gastroenterology, 2021, 161, 592-607.	0.6	81
111	p53 Codon 72 and MDM2 SNP309 Polymorphisms and Age of Colorectal Cancer Onset in Lynch Syndrome. Clinical Cancer Research, 2005, 11, 6840-6844.	3.2	80
112	Analysis of fumarate hydratase mutations in a population-based series of early onset uterine leiomyosarcoma patients. International Journal of Cancer, 2006, 119, 283-287.	2.3	80
113	EPHB4 and Survival of Colorectal Cancer Patients. Cancer Research, 2006, 66, 8943-8948.	0.4	80
114	Aryl hydrocarbon receptor interacting protein (AIP) gene mutation analysis in children and adolescents with sporadic pituitary adenomas. Clinical Endocrinology, 2008, 69, 621-627.	1.2	80
115	Modifiable pathways for colorectal cancer: a mendelian randomisation analysis. The Lancet Gastroenterology and Hepatology, 2020, 5, 55-62.	3.7	79
116	SMAD genes in juvenile polyposis. , 1999, 26, 54-61.		78
117	Mice with Inactivation of Aryl Hydrocarbon Receptor-Interacting Protein (Aip) Display Complete Penetrance of Pituitary Adenomas with Aberrant ARNT Expression. American Journal of Pathology, 2010, 177, 1969-1976.	1.9	78
118	Exome sequencing reveals germline NPAT mutation as a candidate risk factor for Hodgkin lymphoma. Blood, 2011, 118, 493-498.	0.6	78
119	Unregulated smooth-muscle myosin in human intestinal neoplasia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5513-5518.	3.3	77
120	Mutations in the Circadian Gene CLOCK in Colorectal Cancer. Molecular Cancer Research, 2010, 8, 952-960.	1.5	77
121	Mendelian randomisation implicates hyperlipidaemia as a risk factor for colorectal cancer. International Journal of Cancer, 2017, 140, 2701-2708.	2.3	76
122	Direct contact in inviting high-risk members of hereditary colon cancer families to genetic counselling and DNA testing. Journal of Medical Genetics, 2007, 44, 732-738.	1.5	75
123	HOXB13 G84E Mutation in Finland: Population-Based Analysis of Prostate, Breast, and Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 452-460.	1.1	75
124	Large Genomic Deletions inAIPin Pituitary Adenoma Predisposition. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4146-4151.	1.8	74
125	Allelic Variation at the 8q23.3 Colorectal Cancer Risk Locus Functions as a Cis-Acting Regulator of EIF3H. PLoS Genetics, 2010, 6, e1001126.	1.5	74
126	Gene expression signatures for colorectal cancer microsatellite status and HNPCC. British Journal of Cancer, 2005, 92, 2240-2248.	2.9	70

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127	Allelic Imbalance at rs6983267 Suggests Selection of the Risk Allele in Somatic Colorectal Tumor Evolution. Cancer Research, 2008, 68, 14-17.	0.4	69
128	Eleven Candidate Susceptibility Genes for Common Familial Colorectal Cancer. PLoS Genetics, 2013, 9, e1003876.	1.5	69
129	Mismatch repair genes and mononucleotide tracts as mutation targets in colorectal tumors with different degrees of microsatellite instability. Oncogene, 1998, 17, 157-163.	2.6	68
130	Distinct expression profile in fumarate-hydratase-deficient uterine fibroids. Human Molecular Genetics, 2006, 15, 97-103.	1.4	67
131	Impact of constitutional TET2 haploinsufficiency on molecular and clinical phenotype in humans. Nature Communications, 2019, 10, 1252.	5.8	67
132	MED12 exon 2 mutations in histopathological uterine leiomyoma variants. European Journal of Human Genetics, 2013, 21, 1300-1303.	1.4	66
133	Genomic profile of pseudomyxoma peritonei analyzed using nextâ€generation sequencing and immunohistochemistry. International Journal of Cancer, 2015, 136, E282-9.	2.3	66
134	The I1307K polymorphism of the APC gene in colorectal cancer. Gastroenterology, 1999, 116, 58-63.	0.6	65
135	CHEK2 I157T associates with familial and sporadic colorectal cancer. Journal of Medical Genetics, 2005, 43, e34-e34.	1.5	65
136	Differential expression of DHHC9 in microsatellite stable and instable human colorectal cancer subgroups. British Journal of Cancer, 2007, 96, 1896-1903.	2.9	65
137	Identification of Candidate Oncogenes in Human Colorectal Cancers With Microsatellite Instability. Gastroenterology, 2013, 145, 540-543.e22.	0.6	65
138	Comprehensive Analysis of SMAD4 Mutations and Protein Expression in Juvenile Polyposis. American Journal of Pathology, 2001, 159, 1293-1300.	1.9	64
139	Comparison of Serous and Mucinous Ovarian Carcinomas: Distinct Pattern of Allelic Loss at Distal 8p and Expression of Transcription Factor GATA-4. Laboratory Investigation, 2001, 81, 517-526.	1.7	64
140	Subsequent primary malignancies after endometrial carcinoma and ovarian carcinoma. Cancer, 2003, 97, 2432-2439.	2.0	63
141	Expression Profiling in Progressive Stages of Fumarate-Hydratase Deficiency: The Contribution of Metabolic Changes to Tumorigenesis. Cancer Research, 2010, 70, 9153-9165.	0.4	63
142	MED12 mutation frequency in unselected sporadic uterine leiomyomas. Fertility and Sterility, 2014, 102, 1137-1142.	0.5	62
143	Exome-wide somatic mutation characterization of small bowel adenocarcinoma. PLoS Genetics, 2018, 14, e1007200.	1.5	62
144	Clusterin Expression in Normal Mucosa and Colorectal Cancer. Molecular and Cellular Proteomics, 2007, 6, 1039-1048.	2.5	61

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145	Refinement of the basis and impact of common 11q23.1 variation to the risk of developing colorectal cancer. Human Molecular Genetics, 2008, 17, 3720-3727.	1.4	61
146	The Expression of AIP-Related Molecules in Elucidation of Cellular Pathways in Pituitary Adenomas. American Journal of Pathology, 2009, 175, 2501-2507.	1.9	61
147	Prevalence of Germline PTEN, BMPR1A, SMAD4, STK11, and ENG Mutations in Patients With Moderate-Load Colorectal Polyps. Gastroenterology, 2013, 144, 1402-1409.e5.	0.6	61
148	Brush border Myosin Ia has tumor suppressor activity in the intestine. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1530-1535.	3.3	60
149	Frequent L1 retrotranspositions originating fromTTC28in colorectal cancer. Oncotarget, 2014, 5, 853-859.	0.8	60
150	Lessons from Functional Analysis of Genome-Wide Association Studies. Cancer Research, 2013, 73, 4180-4184.	0.4	58
151	Genetic predisposition to uterine leiomyoma is determined by loci for genitourinary development and genome stability. ELife, 2018, 7, .	2.8	58
152	Diagnostic Cancer Genome Sequencing and the Contribution of Germline Variants. Science, 2013, 339, 1559-1562.	6.0	57
153	Mendelian randomisation analysis strongly implicates adiposity with risk of developing colorectal cancer. British Journal of Cancer, 2016, 115, 266-272.	2.9	57
154	Colorectal Adenoma and Cancer Divergence. American Journal of Pathology, 1999, 154, 1815-1824.	1.9	56
155	Mutation analysis of aryl hydrocarbon receptor interacting protein (AIP) gene in colorectal, breast, and prostate cancers. British Journal of Cancer, 2007, 96, 352-356.	2.9	56
156	Retrotransposon insertions can initiate colorectal cancer and are associated with poor survival. Nature Communications, 2019, 10, 4022.	5.8	53
157	Deficient H2A.Z deposition is associated with genesis of uterine leiomyoma. Nature, 2021, 596, 398-403.	13.7	53
158	High Familial Risk in Nodular Lymphocyte-Predominant Hodgkin Lymphoma. Journal of Clinical Oncology, 2013, 31, 938-943.	0.8	51
159	Exome sequencing reveals three novel candidate predisposition genes for diffuse gastric cancer. Familial Cancer, 2015, 14, 241-246.	0.9	50
160	Analysis of a Finnish family confirms RHBDF2 mutations as the underlying factor in tylosis with esophageal cancer. Familial Cancer, 2012, 11, 525-528.	0.9	49
161	No evidence of somatic aryl hydrocarbon receptor interacting protein mutations in sporadic endocrine neoplasia. Endocrine-Related Cancer, 2007, 14, 901-906.	1.6	48
162	Recessively inherited right atrial isomerism caused by mutations in growth/differentiation factor 1 (GDF1). Human Molecular Genetics, 2010, 19, 2747-2753.	1.4	48

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163	Conventional renal cancer in a patient with fumarate hydratase mutation. Human Pathology, 2007, 38, 793-796.	1.1	47
164	Carbonic Anhydrase IX Is Highly Expressed in Hereditary Nonpolyposis Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1760-1766.	1.1	46
165	Germline and Somatic Mutation Analysis of MLH3 in MSI-Positive Colorectal Cancer. American Journal of Pathology, 2000, 157, 347-352.	1.9	45
166	Common Deletion of SMAD4 in Juvenile Polyposis Is a Mutational Hotspot. American Journal of Human Genetics, 2002, 70, 1357-1362.	2.6	45
167	Aggressive pituitary adenomas occurring in young patients in a large Polynesian kindred with a germline R271W mutation in the AIP gene. European Journal of Endocrinology, 2009, 161, 799-804.	1.9	45
168	Multiple clinical characteristics separate MED12-mutation-positive and -negative uterine leiomyomas. Scientific Reports, 2017, 7, 1015.	1.6	44
169	Oncogenic exon 2 mutations in Mediator subunit MED12 disrupt allosteric activation of cyclin C-CDK8/19. Journal of Biological Chemistry, 2018, 293, 4870-4882.	1.6	44
170	COGENT (COlorectal cancer GENeTics): an international consortium to study the role of polymorphic variation on the risk of colorectal cancer. British Journal of Cancer, 2010, 102, 447-454.	2.9	43
171	MED12 mutations and FH inactivation are mutually exclusive in uterine leiomyomas. British Journal of Cancer, 2016, 114, 1405-1411.	2.9	43
172	Little evidence for involvement ofMLH3in colorectal cancer predisposition. International Journal of Cancer, 2003, 106, 292-296.	2.3	42
173	A Finnish founder mutation inRAD51D: analysis in breast, ovarian, prostate, and colorectal cancer: Table 1. Journal of Medical Genetics, 2012, 49, 429-432.	1.5	41
174	Background Mutation Frequency in Microsatellite-Unstable Colorectal Cancer. Cancer Research, 2007, 67, 5691-5698.	0.4	38
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