Daniel D Buchanan

List of Publications by Year
in descending order

247	15,729	14614 66	22102 113
papers	citations	h-index	g-index

273	273	273	18404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CpG island methylator phenotype underlies sporadic microsatellite instability and is tightly associated with BRAF mutation in colorectal cancer. Nature Genetics, 2006, 38, 787-793.	9.4	1,715
2	Identification of Lynch Syndrome Among Patients With Colorectal Cancer. JAMA - Journal of the American Medical Association, 2012, 308, 1555.	3.8	443
3	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	9.4	377
4	Association Between Molecular Subtypes of Colorectal Cancer and Patient Survival. Gastroenterology, 2015, 148, 77-87.e2.	0.6	342
5	Prevalence and Penetrance of Major Genes and Polygenes for Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 404-412.	1.1	341
6	Risks of Lynch Syndrome Cancers for MSH6 Mutation Carriers. Journal of the National Cancer Institute, 2010, 102, 193-201.	3.0	328
7	Colorectal Cancer Cell Lines Are Representative Models of the Main Molecular Subtypes of Primary Cancer. Cancer Research, 2014, 74, 3238-3247.	0.4	317
8	Colorectal and Other Cancer Risks for Carriers and Noncarriers From Families With a DNA Mismatch Repair Gene Mutation: A Prospective Cohort Study. Journal of Clinical Oncology, 2012, 30, 958-964.	0.8	286
9	Correlation of tumour BRAF mutations andMLH1methylation with germline mismatch repair (MMR) gene mutation status: a literature review assessing utility of tumour features for MMR variant classification. Journal of Medical Genetics, 2012, 49, 151-157.	1.5	253
10	Advanced colorectal polyps with the molecular and morphological features of serrated polyps and adenomas: concept of a 'fusion' pathway to colorectal cancer. Histopathology, 2006, 49, 121-131.	1.6	230
11	Determining Risk of Colorectal Cancer and Starting Age of Screening Based on Lifestyle, Environmental, and Genetic Factors. Gastroenterology, 2018, 154, 2152-2164.e19.	0.6	226
12	Cancer Risks forMLH1andMSH2Mutation Carriers. Human Mutation, 2013, 34, 490-497.	1.1	201
13	Tumor Mismatch Repair Immunohistochemistry and DNA MLH1 Methylation Testing of Patients With Endometrial Cancer Diagnosed at Age Younger Than 60 Years Optimizes Triage for Population-Level Germline Mismatch Repair Gene Mutation Testing. Journal of Clinical Oncology, 2014, 32, 90-100.	0.8	195
14	Risks of Primary Extracolonic Cancers Following Colorectal Cancer in Lynch Syndrome. Journal of the National Cancer Institute, 2012, 104, 1363-1372.	3.0	193
15	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. Nature Communications, 2020, 11, 597.	5.8	193
16	GSK3B polymorphisms alter transcription and splicing in Parkinson's disease. Annals of Neurology, 2005, 58, 829-839.	2.8	191
17	KRAS-mutation status in relation to colorectal cancer survival: the joint impact of correlated tumour markers. British Journal of Cancer, 2013, 108, 1757-1764.	2.9	191
18	Hyperplastic Polyposis Syndrome: Phenotypic Presentations and the Role of MBD4 and MYH. Gastroenterology, 2006, 131, 30-39.	0.6	186

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19	Risk of Colorectal Cancer for Carriers of Mutations in MUTYH, WithÂand Without a Family History of Cancer. Gastroenterology, 2014, 146, 1208-1211.e5.	0.6	180
20	Identification of nine new susceptibility loci for endometrial cancer. Nature Communications, 2018, 9, 3166.	5.8	178
21	Prediction of overall survival in stage II and III colon cancer beyond TNM system: a retrospective, pooled biomarker study. Annals of Oncology, 2017, 28, 1023-1031.	0.6	174
22	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. Nature Communications, 2019, 10, 2154.	5.8	172
23	Tau haplotypes regulate transcription and are associated with Parkinson's disease. Annals of Neurology, 2004, 55, 329-334.	2.8	157
24	DNA methylationâ€based biological aging and cancer risk and survival: Pooled analysis of seven prospective studies. International Journal of Cancer, 2018, 142, 1611-1619.	2.3	153
25	Cancer Risks for PMS2-Associated Lynch Syndrome. Journal of Clinical Oncology, 2018, 36, 2961-2968.	0.8	147
26	Extensive DNA methylation in normal colorectal mucosa in hyperplastic polyposis. Gut, 2006, 55, 1467-1474.	6.1	131
27	Quality Assessment and Correlation of Microsatellite Instability and Immunohistochemical Markers among Population- and Clinic-Based Colorectal Tumors. Journal of Molecular Diagnostics, 2011, 13, 271-281.	1.2	131
28	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. Journal of the National Cancer Institute, 2019, 111, 146-157.	3.0	129
29	Identification of susceptibility loci for colorectal cancer in a genome-wide meta-analysis. Human Molecular Genetics, 2014, 23, 4729-4737.	1.4	128
30	Expression of MUC2, MUC5AC, MUC5B, and MUC6 mucins in colorectal cancers and their association with the CpG island methylator phenotype. Modern Pathology, 2013, 26, 1642-1656.	2.9	127
31	Colorectal carcinomas with KRAS mutation are associated with distinctive morphological and molecular features. Modern Pathology, 2013, 26, 825-834.	2.9	126
32	BRAFV600E Immunohistochemistry Facilitates Universal Screening of Colorectal Cancers for Lynch Syndrome. American Journal of Surgical Pathology, 2013, 37, 1592-1602.	2.1	125
33	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. American Journal of Human Genetics, 2020, 107, 432-444.	2.6	124
34	Evidence for BRAF mutation and variable levels of microsatellite instability in a syndrome of familial colorectal cancer. Clinical Gastroenterology and Hepatology, 2005, 3, 254-263.	2.4	123
35	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-tumor Phenotype. Cancer Cell, 2019, 35, 256-266.e5.	7.7	123
36	PIK3CA Activating Mutation in Colorectal Carcinoma: Associations with Molecular Features and Survival. PLoS ONE, 2013, 8, e65479.	1.1	117

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37	BRAF Mutation Status and Survival after Colorectal Cancer Diagnosis According to Patient and Tumor Characteristics. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 1792-1798.	1.1	113
38	The prognostic impact of consensus molecular subtypes (CMS) and its predictive effects for bevacizumab benefit in metastatic colorectal cancer: molecular analysis of the AGITG MAX clinical trial. Annals of Oncology, 2018, 29, 2240-2246.	0.6	113
39	Cumulative Burden of Colorectal Cancerâ€"Associated Genetic Variants Is More Strongly Associated With Early-Onset vs Late-Onset Cancer. Gastroenterology, 2020, 158, 1274-1286.e12.	0.6	110
40	Characteristics of Early-Onset vs Late-Onset Colorectal Cancer. JAMA Surgery, 2021, 156, 865.	2.2	110
41	A new GWAS and meta-analysis with 1000Genomes imputation identifies novel risk variants for colorectal cancer. Scientific Reports, 2015, 5, 10442.	1.6	109
42	Risk of extracolonic cancers for people with biallelic and monoallelic mutations in MUTYH. International Journal of Cancer, 2016, 139, 1557-1563.	2.3	107
43	Association of DNA Methylation-Based Biological Age With Health Risk Factors and Overall and Cause-Specific Mortality. American Journal of Epidemiology, 2018, 187, 529-538.	1.6	106
44	Risk of Metachronous Colon Cancer Following Surgery for Rectal Cancer in Mismatch Repair Gene Mutation Carriers. Annals of Surgical Oncology, 2013, 20, 1829-1836.	0.7	103
45	Telomere Length Varies By DNA Extraction Method: Implications for Epidemiologic Research. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 2047-2054.	1.1	100
46	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. Cancer Research, 2016, 76, 5103-5114.	0.4	100
47	Ethnicity and Risk for Colorectal Cancers Showing Somatic BRAF V600E Mutation or CpG Island Methylator Phenotype. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1774-1780.	1.1	96
48	Cancer risks for monoallelic MUTYH mutation carriers with a family history of colorectal cancer. International Journal of Cancer, 2011, 129, 2256-2262.	2.3	93
49	Risks of Colorectal and Other Cancers After Endometrial Cancer for Women With Lynch Syndrome. Journal of the National Cancer Institute, 2013, 105, 274-279.	3.0	93
50	Molecular, Pathologic, and Clinical Features of Early-Onset Endometrial Cancer: Identifying Presumptive Lynch Syndrome Patients. Clinical Cancer Research, 2008, 14, 1692-1700.	3.2	91
51	Lynch Syndromeâ€"Associated Breast Cancers: Clinicopathologic Characteristics of a Case Series from the Colon Cancer Family Registry. Clinical Cancer Research, 2010, 16, 2214-2224.	3.2	91
52	Circulating Levels of Insulin-like Growth Factor 1 and Insulin-like Growth Factor Binding Protein 3 Associate With Risk of Colorectal Cancer Based on Serologic and Mendelian Randomization Analyses. Gastroenterology, 2020, 158, 1300-1312.e20.	0.6	90
53	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	5.8	88
54	GermlineTP53Mutations in Patients With Early-Onset Colorectal Cancer in the Colon Cancer Family Registry. JAMA Oncology, 2015, 1, 214.	3.4	87

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55	Phenotype and Polyp Landscape in Serrated Polyposis Syndrome. American Journal of Surgical Pathology, 2012, 36, 876-882.	2.1	85
56	Associations of alcohol intake, smoking, physical activity and obesity with survival following colorectal cancer diagnosis by stage, anatomic site and tumor molecular subtype. International Journal of Cancer, 2018, 142, 238-250.	2.3	83
57	Movement Disorders, 1999, 14, 219-224.	2.2	82
58	A Multifactorial Likelihood Model for MMR Gene Variant Classification Incorporating Probabilities Based on Sequence Bioinformatics and Tumor Characteristics: A Report from the Colon Cancer Family Registry. Human Mutation, 2013, 34, 200-209.	1.1	81
59	Pro-inflammatory fatty acid profile and colorectal cancer risk: A Mendelian randomisation analysis. European Journal of Cancer, 2017, 84, 228-238.	1.3	81
60	Cancer Risks for Relatives of Patients With Serrated Polyposis. American Journal of Gastroenterology, 2012, 107, 770-778.	0.2	80
61	Aspirin, Ibuprofen, and the Risk of Colorectal Cancer in Lynch Syndrome. Journal of the National Cancer Institute, 2015, 107, djv170.	3.0	80
62	Mendelian randomisation implicates hyperlipidaemia as a risk factor for colorectal cancer. International Journal of Cancer, 2017, 140, 2701-2708.	2.3	76
63	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. BMC Medicine, 2020, 18, 396.	2.3	76
64	Promoter methylation of Wnt antagonistsDKK1andSFRP1is associated with opposing tumor subtypes in two large populations of colorectal cancer patients. Carcinogenesis, 2011, 32, 741-747.	1.3	74
65	Pooled analysis of iron-related genes in Parkinson's disease: Association with transferrin. Neurobiology of Disease, 2014, 62, 172-178.	2.1	74
66	Immunohistochemical testing of conventional adenomas for loss of expression of mismatch repair proteins in Lynch syndrome mutation carriers: a case series from the Australasian site of the colon cancer family registry. Modern Pathology, 2012, 25, 722-730.	2.9	73
67	Association of the Colorectal CpG Island Methylator Phenotype with Molecular Features, Risk Factors, and Family History. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 512-519.	1.1	71
68	TumourMLH1promoter region methylation testing is an effective prescreen for Lynch Syndrome (HNPCC). Journal of Medical Genetics, 2014, 51, 789-796.	1.5	69
69	Risk Factors for Colorectal Cancer in Patients with Multiple Serrated Polyps: A Cross-Sectional Case Series from Genetics Clinics. PLoS ONE, 2010, 5, e11636.	1.1	68
70	Clinical problems of colorectal cancer and endometrial cancer cases with unknown cause of tumor mismatch repair deficiency (suspected Lynch syndrome). The Application of Clinical Genetics, 2014, 7, 183.	1.4	68
71	Female Hormonal Factors and the Risk of Endometrial Cancer in Lynch Syndrome. JAMA - Journal of the American Medical Association, 2015, 314, 61.	3.8	68
72	Body size and risk for colorectal cancers showing BRAF mutations or microsatellite instability: a pooled analysis. International Journal of Epidemiology, 2012, 41, 1060-1072.	0.9	65

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73	ClassifyingMLH1andMSH2variants using bioinformatic prediction, splicing assays, segregation, and tumor characteristics. Human Mutation, 2009, 30, 757-770.	1.1	60
74	Identification of BRCA1 missense substitutions that confer partial functional activity: potential moderate risk variants?. Breast Cancer Research, 2007, 9, R82.	2.2	58
75	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. Lancet Oncology, The, 2021, 22, 1014-1022.	5.1	58
76	The Cys282Tyr polymorphism in the HFE gene in Australian Parkinson's disease patients. Neuroscience Letters, 2002, 327, 91-94.	1.0	57
77	Mendelian randomisation analysis strongly implicates adiposity with risk of developing colorectal cancer. British Journal of Cancer, 2016, 115, 266-272.	2.9	57
78	Update on Hereditary Colorectal Cancer: Improving the Clinical Utility of Multigene Panel Testing. Clinical Colorectal Cancer, 2018, 17, e293-e305.	1.0	55
79	Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival. Nature Communications, 2020, 11, 3644.	5.8	55
80	The Intestinal Epithelial Cell Differentiation Marker Intestinal Alkaline Phosphatase (ALPi) Is Selectively Induced by Histone Deacetylase Inhibitors (HDACi) in Colon Cancer Cells in a Kruppel-like Factor 5 (KLF5)-dependent Manner. Journal of Biological Chemistry, 2014, 289, 25306-25316.	1.6	53
81	Screening PARK genes for mutations in early-onset Parkinson's disease patients from Queensland, Australia. Parkinsonism and Related Disorders, 2009, 15, 105-109.	1.1	52
82	Novel associations between blood DNA methylation and body mass index in middle-aged and older adults. International Journal of Obesity, 2018, 42, 887-896.	1.6	52
83	KRAS mutations in ovarian low-grade endometrioid adenocarcinoma: association with concurrent endometriosis. Human Pathology, 2012, 43, 1177-1183.	1.1	51
84	Body mass index in early adulthood and colorectal cancer risk for carriers and non-carriers of germline mutations in DNA mismatch repair genes. British Journal of Cancer, 2011, 105, 162-169.	2.9	50
85	Risk of colorectal cancer for carriers of a germ-line mutation in POLE or POLD1. Genetics in Medicine, 2018, 20, 890-895.	1.1	49
86	Phenotypic diversity in patients with multiple serrated polyps: a genetics clinic study. International Journal of Colorectal Disease, 2010, 25, 703-712.	1.0	48
87	A frame-shift mutation of PMS2 is a widespread cause of Lynch syndrome. Journal of Medical Genetics, 2008, 45, 340-345.	1.5	47
88	Tumor testing to identify lynch syndrome in two Australian colorectal cancer cohorts. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 427-438.	1.4	47
89	Dysfunctional epigenetic aging of the normal colon and colorectal cancer risk. Clinical Epigenetics, 2020, 12, 5.	1.8	47
90	Potential impact of family historyâ€“based screening guidelines on the detection of earlyâ€onset colorectal cancer. Cancer, 2020, 126, 3013-3020.	2.0	45

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91	High prevalence of mismatch repair deficiency in prostate cancers diagnosed in mismatch repair gene mutation carriers from the colon cancer family registry. Familial Cancer, 2014, 13, 573-582.	0.9	44
92	Should the grading of colorectal adenocarcinoma include microsatellite instability status?. Human Pathology, 2014, 45, 2077-2084.	1.1	44
93	Association between Body Mass Index and Mortality for Colorectal Cancer Survivors: Overall and by Tumor Molecular Phenotype. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1229-1238.	1.1	44
94	Genetic variant predictors of gene expression provide new insight into risk of colorectal cancer. Human Genetics, 2019, 138, 307-326.	1.8	44
95	Genetic architectures of proximal and distal colorectal cancer are partly distinct. Gut, 2021, 70, 1325-1334.	6.1	44
96	Mutation deep within an intron of MSH2 causes Lynch syndrome. Familial Cancer, 2011, 10, 297-301.	0.9	43
97	Confirmation of Linkage to and Localization of Familial Colon Cancer Risk Haplotype on Chromosome 9q22. Cancer Research, 2010, 70, 5409-5418.	0.4	42
98	Quantifying the utility of single nucleotide polymorphisms to guide colorectal cancer screening. Future Oncology, 2016, 12, 503-513.	1.1	42
99	Lack of evidence for germline RNF43 mutations in patients with serrated polyposis syndrome from a large multinational study. Gut, 2017, 66, 1170-1172.	6.1	42
100	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and early-onset colorectal cancer. Epigenetics, 2013, 8, 748-755.	1.3	41
101	Determining the frequency of de novo germline mutations in DNA mismatch repair genes. Journal of Medical Genetics, 2011, 48, 530-534.	1.5	40
102	Role of tumour molecular and pathology features to estimate colorectal cancer risk for first-degree relatives. Gut, 2015, 64, 101-110.	6.1	40
103	Cohort Profile: The Colon Cancer Family Registry Cohort (CCFRC). International Journal of Epidemiology, 2018, 47, 387-388i.	0.9	40
104	Biological Aging Measures Based on Blood DNA Methylation and Risk of Cancer: A Prospective Study. JNCI Cancer Spectrum, 2021, 5, pkaa109.	1.4	40
105	Multiplicity and Molecular Heterogeneity of Colorectal Carcinomas in Individuals With Serrated Polyposis. American Journal of Surgical Pathology, 2013, 37, 434-442.	2.1	39
106	Characterisation of Familial Colorectal Cancer Type X, Lynch syndrome, and non-familial colorectal cancer. British Journal of Cancer, 2014, 111, 598-602.	2.9	38
107	Identification of Novel Variants in Colorectal Cancer Families by High-Throughput Exome Sequencing. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1239-1251.	1.1	37
108	Variation at 2q35 (PNKDandTMBIM1) influences colorectal cancer risk and identifies a pleiotropic effect with inflammatory bowel disease. Human Molecular Genetics, 2016, 25, 2349-2359.	1.4	37

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109	Alcohol Consumption and the Risk of Colorectal Cancer for Mismatch Repair Gene Mutation Carriers. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 366-375.	1.1	37
110	DNA methylation-based signature of CD8+ tumor-infiltrating lymphocytes enables evaluation of immune response and prognosis in colorectal cancer. , 2021, 9, e002671.		37
111	Meta-analysis of genome-wide association studies identifies common susceptibility polymorphisms for colorectal and endometrial cancer near SH2B3 and TSHZ1. Scientific Reports, 2015, 5, 17369.	1.6	35
112	Dietary intake of one-carbon metabolism nutrients and DNA methylation in peripheral blood. American Journal of Clinical Nutrition, 2018, 108, 611-621.	2.2	35
113	Mendelian randomization analysis of C-reactive protein on colorectal cancer risk. International Journal of Epidemiology, 2019, 48, 767-780.	0.9	35
114	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. International Journal of Cancer, 2021, 148, 307-319.	2.3	35
115	Genome-Wide Search for Gene-Gene Interactions in Colorectal Cancer. PLoS ONE, 2012, 7, e52535.	1.1	35
116	Endometrial cancer risk and survival by tumor MMR status. Journal of Gynecologic Oncology, 2018, 29, e39.	1.0	34
117	Association Between Molecular Subtypes of Colorectal Tumors and Patient Survival, Based on Pooled Analysis of 7 International Studies. Gastroenterology, 2020, 158, 2158-2168.e4.	0.6	34
118	Promoter methylation of Wnt5a is associated with microsatellite instability and BRAF V600E mutation in two large populations of colorectal cancer patients. British Journal of Cancer, 2011, 104, 1906-1912.	2.9	33
119	Germline mutations inPMS2andMLH1in individuals with solitary loss of PMS2 expression in colorectal carcinomas from the Colon Cancer Family Registry Cohort. BMJ Open, 2016, 6, e010293.	0.8	33
120	Risk factors for metachronous colorectal cancer following a primary colorectal cancer: A prospective cohort study. International Journal of Cancer, 2016, 139, 1081-1090.	2.3	32
121	Targeted sequencing of 36 known or putative colorectal cancer susceptibility genes. Molecular Genetics & Genomic Medicine, 2017, 5, 553-569.	0.6	32
122	DNA mismatch repair protein deficient non-neoplastic colonic crypts: a novel indicator of Lynch syndrome. Modern Pathology, 2018, 31, 1608-1618.	2.9	32
123	Are the common genetic variants associated with colorectal cancer risk for DNA mismatch repair gene mutation carriers?. European Journal of Cancer, 2013, 49, 1578-1587.	1.3	31
124	A novel colorectal cancer risk locus at 4q32.2 identified from an international genome-wide association study. Carcinogenesis, 2014, 35, 2512-2519.	1.3	30
125	Prediagnostic Physical Activity and Colorectal Cancer Survival: Overall and Stratified by Tumor Characteristics. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1130-1137.	1.1	30
126	Family history of cancer predicts endometrial cancer risk independently of Lynch Syndrome: Implications for genetic counselling. Gynecologic Oncology, 2017, 147, 381-387.	0.6	30

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127	Comparison of Prediction Models for Lynch Syndrome Among Individuals With Colorectal Cancer. Journal of the National Cancer Institute, 2016, 108, .	3.0	29
128	Sequence variation in the proximity of IDE may impact age at onset of both Parkinson disease and Alzheimer disease. Neurogenetics, 2004, 5, 115-119.	0.7	28
129	Germline Mutations in the Polyposis-Associated Genes BMPR1A, SMAD4, PTEN, MUTYH and GREM1 Are Not Common in Individuals with Serrated Polyposis Syndrome. PLoS ONE, 2013, 8, e66705.	1.1	27
130	Multivitamin, calcium and folic acid supplements and the risk of colorectal cancer in Lynch syndrome. International Journal of Epidemiology, 2016, 45, 940-953.	0.9	27
131	Lifetime alcohol intake is associated with an increased risk of KRAS+ and BRAFâ€‰/‚KRASâ€•but not BRAF+ colorectal cancer. International Journal of Cancer, 2017, 140, 1485-1493.	2.3	27
132	Systematic meta-analyses, field synopsis and global assessment of the evidence of genetic association studies in colorectal cancer. Gut, 2020, 69, 1460-1471.	6.1	27
133	Evaluating the utility of tumour mutational signatures for identifying hereditary colorectal cancer and polyposis syndrome carriers. Gut, 2021, 70, 2138-2149.	6.1	27
134	Association of APOE with Parkinson disease age-at-onset in women. Neuroscience Letters, 2007, 411, 185-188.	1.0	26
135	Improving identification of lynch syndrome patients: A comparison of research data with clinical records. International Journal of Cancer, 2013, 132, 2876-2883.	2.3	26
136	Genomeâ€wide association study and metaâ€analysis in Northern European populations replicate multiple colorectal cancer risk loci. International Journal of Cancer, 2018, 142, 540-546.	2.3	26
137	Intake of Dietary Fruit, Vegetables, and Fiber and Risk of Colorectal Cancer According to Molecular Subtypes: A Pooled Analysis of 9 Studies. Cancer Research, 2020, 80, 4578-4590.	0.4	26
138	Colorectal Cancer Linkage on Chromosomes 4q21, 8q13, 12q24, and 15q22. PLoS ONE, 2012, 7, e38175.	1.1	24
139	Germline HOXB13 p.Gly84Glu mutation and risk of colorectal cancer. Cancer Epidemiology, 2013, 37, 424-427.	0.8	24
140	Family History of Colorectal Cancer in BRAF p.V600E-Mutated Colorectal Cancer Cases. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 917-926.	1.1	24
141	Hyperplastic polyp of the duodenum: a report of 9 cases with immunohistochemical and molecular findings. Human Pathology, 2011, 42, 1953-1959.	1.1	23
142	The Association of Telomere Length with Colorectal Cancer Differs by the Age of Cancer Onset. Clinical and Translational Gastroenterology, 2014, 5, e52.	1.3	23
143	Targeted sequencing of established and candidate colorectal cancer genes in the Colon Cancer Family Registry Cohort. Oncotarget, 2017, 8, 93450-93463.	0.8	23
144	Physical activity and the risk of colorectal cancer in Lynch syndrome. International Journal of Cancer, 2018, 143, 2250-2260.	2.3	23

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145	Ability of known susceptibility SNPs to predict colorectal cancer risk for persons with and without a family history. Familial Cancer, 2019, 18, 389-397.	0.9	23
146	Germline MBD4 deficiency causes a multi-tumor predisposition syndrome. American Journal of Human Genetics, 2022, 109, 953-960.	2.6	23
147	The ACE Deletion Polymorphism Is Not Associated with Parkinsonâ€™s Disease. European Neurology, 1999, 41, 103-106.	0.6	22
148	SNP rs16906252C>T Is an Expression and Methylation Quantitative Trait Locus Associated with an Increased Risk of Developing MGMT-Methylated Colorectal Cancer. Clinical Cancer Research, 2016, 22, 6266-6277.	3.2	22
149	Circulating 25-Hydroxyvitamin D Concentration and Risk of Breast, Prostate, and Colorectal Cancers: The Melbourne Collaborative Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 900-908.	1.1	22
150	The parkin gene S/N167 polymorphism in Australian Parkinson's disease patients and controls. Parkinsonism and Related Disorders, 2001, 7, 89-91.	1.1	21
151	Analysis of families with Lynch syndrome complicated by advanced serrated neoplasia: the importance of pathology review and pedigree analysis. Familial Cancer, 2009, 8, 313-323.	0.9	21
152	Do serrated neoplasms of the small intestine represent a distinct entity? Pathological findings and molecular alterations in a series of 13 cases. Histopathology, 2015, 66, 333-342.	1.6	21
153	Clinicopathologic Risk Factor Distributions for MLH1 Promoter Region Methylation in CIMP-Positive Tumors. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 68-75.	1.1	21
154	Somatic mutations of the coding microsatellites within the beta-2-microglobulin gene in mismatch repair-deficient colorectal cancers and adenomas. Familial Cancer, 2018, 17, 91-100.	0.9	21
155	Phenotypic confirmation of oligodontia, colorectal polyposis and cancer in a family carrying an exon 7 nonsense variant in the AXIN2 gene. Familial Cancer, 2019, 18, 311-315.	0.9	20
156	Monoallelic NTHL1 Loss-of-Function Variants and Risk of Polyposis and Colorectal Cancer. Gastroenterology, 2020, 159, 2241-2243.e6.	0.6	20
157	Medically actionable pathogenic variants in a population of 13,131 healthy elderly individuals. Genetics in Medicine, 2020, 22, 1883-1886.	1.1	20
158	A Perspective on Bi-allelic MUTYH Mutations in Patients With Hyperplastic Polyposis Syndrome. Gastroenterology, 2009, 136, 2407-2408.	0.6	19
159	Linkage to chromosome 2q32.2-q33.3 in familial serrated neoplasia (Jass syndrome). Familial Cancer, 2011, 10, 245-254.	0.9	19
160	Molecular and Pathology Features of Colorectal Tumors and Patient Outcomes Are Associated with Fusobacterium nucleatum and Its Subspecies animalis. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 210-220.	1.1	19
161	Assessing the causal role of epigenetic clocks in the development of multiple cancers: a Mendelian randomization study. ELife, 2022, 11, .	2.8	19
162	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and pancreatic cancer. Cancer Epidemiology, 2014, 38, 576-582.	0.8	18

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163	Stochastic Epigenetic Mutations Are Associated with Risk of Breast Cancer, Lung Cancer, and Mature B-cell Neoplasms. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2026-2037.	1.1	18
164	DNA Methylation Signatures and the Contribution of Age-Associated Methylomic Drift to Carcinogenesis in Early-Onset Colorectal Cancer. Cancers, 2021, 13, 2589.	1.7	18
165	Genetic analyses of gynecological disease identify genetic relationships between uterine fibroids and endometrial cancer, and a novel endometrial cancer genetic risk region at the WNT4 1p36.12 locus. Human Genetics, 2021, 140, 1353-1365.	1.8	18
166	Immunophenotypic analysis of ovarian endometrioid adenocarcinoma: Correlation with KRAS mutation and the presence of endometriosis. Pathology, 2013, 45, 559-566.	0.3	17
167	Mendelian randomisation study of age at menarche and age at menopause and the risk of colorectal cancer. British Journal of Cancer, 2018, 118, 1639-1647.	2.9	16
168	RNF43 is mutated less frequently in Lynch Syndrome compared with sporadic microsatellite unstable colorectal cancers. Familial Cancer, 2018, 17, 63-69.	0.9	16
169	Assessment of a Polygenic Risk Score for Colorectal Cancer to Predict Risk of Lynch Syndrome Colorectal Cancer. JNCI Cancer Spectrum, 2021, 5, pkab022.	1.4	15
170	Identifying colorectal cancer caused by biallelic MUTYH pathogenic variants using tumor mutational signatures. Nature Communications, 2022, 13, .	5.8	15
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