

Daniel D Buchanan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8246655/publications.pdf>

Version: 2024-02-01

247
papers

15,729
citations

14655

66
h-index

22166

113
g-index

273
all docs

273
docs citations

273
times ranked

18404
citing authors

#	ARTICLE	IF	CITATIONS
1	CpG island methylator phenotype underlies sporadic microsatellite instability and is tightly associated with BRAF mutation in colorectal cancer. <i>Nature Genetics</i> , 2006, 38, 787-793.	21.4	1,715
2	Identification of Lynch Syndrome Among Patients With Colorectal Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1555.	7.4	443
3	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019, 51, 76-87.	21.4	377
4	Association Between Molecular Subtypes of Colorectal Cancer and Patient Survival. <i>Gastroenterology</i> , 2015, 148, 77-87.e2.	1.3	342
5	Prevalence and Penetrance of Major Genes and Polygenes for Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 404-412.	2.5	341
6	Risks of Lynch Syndrome Cancers for MSH6 Mutation Carriers. <i>Journal of the National Cancer Institute</i> , 2010, 102, 193-201.	6.3	328
7	Colorectal Cancer Cell Lines Are Representative Models of the Main Molecular Subtypes of Primary Cancer. <i>Cancer Research</i> , 2014, 74, 3238-3247.	0.9	317
8	Colorectal and Other Cancer Risks for Carriers and Noncarriers From Families With a DNA Mismatch Repair Gene Mutation: A Prospective Cohort Study. <i>Journal of Clinical Oncology</i> , 2012, 30, 958-964.	1.6	286
9	Correlation of tumour BRAF mutations and MLH1 methylation with germline mismatch repair (MMR) gene mutation status: a literature review assessing utility of tumour features for MMR variant classification. <i>Journal of Medical Genetics</i> , 2012, 49, 151-157.	3.2	253
10	Advanced colorectal polyps with the molecular and morphological features of serrated polyps and adenomas: concept of a "fusion" pathway to colorectal cancer. <i>Histopathology</i> , 2006, 49, 121-131.	2.9	230
11	Determining Risk of Colorectal Cancer and Starting Age of Screening Based on Lifestyle, Environmental, and Genetic Factors. <i>Gastroenterology</i> , 2018, 154, 2152-2164.e19.	1.3	226
12	Cancer Risks for MLH1 and MSH2 Mutation Carriers. <i>Human Mutation</i> , 2013, 34, 490-497.	2.5	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. <i>Journal of Clinical Oncology</i> , 2014, 32, 90-100.	1.6	195
14	Risks of Primary Extracolonic Cancers Following Colorectal Cancer in Lynch Syndrome. <i>Journal of the National Cancer Institute</i> , 2012, 104, 1363-1372.	6.3	193
15	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. <i>Nature Communications</i> , 2020, 11, 597.	12.8	193
16	GSK3B polymorphisms alter transcription and splicing in Parkinson's disease. <i>Annals of Neurology</i> , 2005, 58, 829-839.	5.3	191
17	KRAS-mutation status in relation to colorectal cancer survival: the joint impact of correlated tumour markers. <i>British Journal of Cancer</i> , 2013, 108, 1757-1764.	6.4	191
18	Hyperplastic Polyposis Syndrome: Phenotypic Presentations and the Role of MBD4 and MYH. <i>Gastroenterology</i> , 2006, 131, 30-39.	1.3	186

#	ARTICLE	IF	CITATIONS
19	Risk of Colorectal Cancer for Carriers of Mutations in MUTYH, With and Without a Family History of Cancer. <i>Gastroenterology</i> , 2014, 146, 1208-1211.e5.	1.3	180
20	Identification of nine new susceptibility loci for endometrial cancer. <i>Nature Communications</i> , 2018, 9, 3166.	12.8	178
21	Prediction of overall survival in stage II and III colon cancer beyond TNM system: a retrospective, pooled biomarker study. <i>Annals of Oncology</i> , 2017, 28, 1023-1031.	1.2	174
22	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. <i>Nature Communications</i> , 2019, 10, 2154.	12.8	172
23	Tau haplotypes regulate transcription and are associated with Parkinson's disease. <i>Annals of Neurology</i> , 2004, 55, 329-334.	5.3	157
24	DNA methylation-based biological aging and cancer risk and survival: Pooled analysis of seven prospective studies. <i>International Journal of Cancer</i> , 2018, 142, 1611-1619.	5.1	153
25	Cancer Risks for PMS2-Associated Lynch Syndrome. <i>Journal of Clinical Oncology</i> , 2018, 36, 2961-2968.	1.6	147
26	Extensive DNA methylation in normal colorectal mucosa in hyperplastic polyposis. <i>Gut</i> , 2006, 55, 1467-1474.	12.1	131
27	Quality Assessment and Correlation of Microsatellite Instability and Immunohistochemical Markers among Population- and Clinic-Based Colorectal Tumors. <i>Journal of Molecular Diagnostics</i> , 2011, 13, 271-281.	2.8	131
28	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 146-157.	6.3	129
29	Identification of susceptibility loci for colorectal cancer in a genome-wide meta-analysis. <i>Human Molecular Genetics</i> , 2014, 23, 4729-4737.	2.9	128
30	Expression of MUC2, MUC5AC, MUC5B, and MUC6 mucins in colorectal cancers and their association with the CpG island methylator phenotype. <i>Modern Pathology</i> , 2013, 26, 1642-1656.	5.5	127
31	Colorectal carcinomas with KRAS mutation are associated with distinctive morphological and molecular features. <i>Modern Pathology</i> , 2013, 26, 825-834.	5.5	126
32	BRAFV600E Immunohistochemistry Facilitates Universal Screening of Colorectal Cancers for Lynch Syndrome. <i>American Journal of Surgical Pathology</i> , 2013, 37, 1592-1602.	3.7	125
33	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. <i>American Journal of Human Genetics</i> , 2020, 107, 432-444.	6.2	124
34	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.	4.4	123
35	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-tumor Phenotype. <i>Cancer Cell</i> , 2019, 35, 256-266.e5.	16.8	123
36	PIK3CA Activating Mutation in Colorectal Carcinoma: Associations with Molecular Features and Survival. <i>PLoS ONE</i> , 2013, 8, e65479.	2.5	117

#	ARTICLE	IF	CITATIONS
37	<i>BRAF</i> Mutation Status and Survival after Colorectal Cancer Diagnosis According to Patient and Tumor Characteristics. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1792-1798.	2.5	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 AGITC MAX clinical trial. <i>Annals of Oncology</i> , 2018, 29, 2240-2246.	1.2	113
39	Cumulative Burden of Colorectal Cancer-Associated Genetic Variants Is More Strongly Associated With Early-Onset vs Late-Onset Cancer. <i>Gastroenterology</i> , 2020, 158, 1274-1286.e12.	1.3	110
40	Characteristics of Early-Onset vs Late-Onset Colorectal Cancer. <i>JAMA Surgery</i> , 2021, 156, 865.	4.3	110
41	A new GWAS and meta-analysis with 1000Genomes imputation identifies novel risk variants for colorectal cancer. <i>Scientific Reports</i> , 2015, 5, 10442.	3.3	109
42	Risk of extracolonic cancers for people with biallelic and monoallelic mutations in <i>MUTYH</i> . <i>International Journal of Cancer</i> , 2016, 139, 1557-1563.	5.1	107
43	Association of DNA Methylation-Based Biological Age With Health Risk Factors and Overall and Cause-Specific Mortality. <i>American Journal of Epidemiology</i> , 2018, 187, 529-538.	3.4	106
44	Risk of Metachronous Colon Cancer Following Surgery for Rectal Cancer in Mismatch Repair Gene Mutation Carriers. <i>Annals of Surgical Oncology</i> , 2013, 20, 1829-1836.	1.5	103
45	Telomere Length Varies By DNA Extraction Method: Implications for Epidemiologic Research. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 2047-2054.	2.5	100
46	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. <i>Cancer Research</i> , 2016, 76, 5103-5114.	0.9	100
47	Ethnicity and Risk for Colorectal Cancers Showing Somatic <i>BRAF</i> V600E Mutation or CpG Island Methylator Phenotype. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 1774-1780.	2.5	96
48	Cancer risks for monoallelic <i>MUTYH</i> mutation carriers with a family history of colorectal cancer. <i>International Journal of Cancer</i> , 2011, 129, 2256-2262.	5.1	93
49	Risks of Colorectal and Other Cancers After Endometrial Cancer for Women With Lynch Syndrome. <i>Journal of the National Cancer Institute</i> , 2013, 105, 274-279.	6.3	93
50	Molecular, Pathologic, and Clinical Features of Early-Onset Endometrial Cancer: Identifying Presumptive Lynch Syndrome Patients. <i>Clinical Cancer Research</i> , 2008, 14, 1692-1700.	7.0	91
51	Lynch Syndrome-Associated Breast Cancers: Clinicopathologic Characteristics of a Case Series from the Colon Cancer Family Registry. <i>Clinical Cancer Research</i> , 2010, 16, 2214-2224.	7.0	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. <i>Gastroenterology</i> , 2020, 158, 1300-1312.e20.	1.3	90
53	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019, 10, 431.	12.8	88
54	Germline TP53 Mutations in Patients With Early-Onset Colorectal Cancer in the Colon Cancer Family Registry. <i>JAMA Oncology</i> , 2015, 1, 214.	7.1	87

#	ARTICLE	IF	CITATIONS
55	Phenotype and Polyp Landscape in Serrated Polyposis Syndrome. <i>American Journal of Surgical Pathology</i> , 2012, 36, 876-882.	3.7	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. <i>International Journal of Cancer</i> , 2018, 142, 238-250.	5.1	83
57	Movement Disorders, 1999, 14, 219-224.	3.9	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. <i>Human Mutation</i> , 2013, 34, 200-209.	2.5	81
59	Pro-inflammatory fatty acid profile and colorectal cancer risk: A Mendelian randomisation analysis. <i>European Journal of Cancer</i> , 2017, 84, 228-238.	2.8	81
60	Cancer Risks for Relatives of Patients With Serrated Polyposis. <i>American Journal of Gastroenterology</i> , 2012, 107, 770-778.	0.4	80
61	Aspirin, Ibuprofen, and the Risk of Colorectal Cancer in Lynch Syndrome. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv170.	6.3	80
62	Mendelian randomisation implicates hyperlipidaemia as a risk factor for colorectal cancer. <i>International Journal of Cancer</i> , 2017, 140, 2701-2708.	5.1	76
63	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. <i>BMC Medicine</i> , 2020, 18, 396.	5.5	76
64	Promoter methylation of Wnt antagonists <i>DKK1</i> and <i>SFRP1</i> is associated with opposing tumor subtypes in two large populations of colorectal cancer patients. <i>Carcinogenesis</i> , 2011, 32, 741-747.	2.8	74
65	Pooled analysis of iron-related genes in Parkinson's disease: Association with transferrin. <i>Neurobiology of Disease</i> , 2014, 62, 172-178.	4.4	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. <i>Modern Pathology</i> , 2012, 25, 722-730.	5.5	73
67	Association of the Colorectal CpG Island Methylator Phenotype with Molecular Features, Risk Factors, and Family History. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 512-519.	2.5	71
68	Tumour <i>MLH1</i> promoter region methylation testing is an effective prescreen for Lynch Syndrome (HNPCC). <i>Journal of Medical Genetics</i> , 2014, 51, 789-796.	3.2	69
69	Risk Factors for Colorectal Cancer in Patients with Multiple Serrated Polyps: A Cross-Sectional Case Series from Genetics Clinics. <i>PLoS ONE</i> , 2010, 5, e11636.	2.5	68
70	Clinical problems of colorectal cancer and endometrial cancer cases with unknown cause of tumor mismatch repair deficiency (suspected Lynch syndrome). <i>The Application of Clinical Genetics</i> , 2014, 7, 183.	3.0	68
71	Female Hormonal Factors and the Risk of Endometrial Cancer in Lynch Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 61.	7.4	68
72	Body size and risk for colorectal cancers showing BRAF mutations or microsatellite instability: a pooled analysis. <i>International Journal of Epidemiology</i> , 2012, 41, 1060-1072.	1.9	65

#	ARTICLE	IF	CITATIONS
73	Classifying <i>MLH1</i> and <i>MSH2</i> variants using bioinformatic prediction, splicing assays, segregation, and tumor characteristics. <i>Human Mutation</i> , 2009, 30, 757-770.	2.5	60
74	Identification of BRCA1 missense substitutions that confer partial functional activity: potential moderate risk variants?. <i>Breast Cancer Research</i> , 2007, 9, R82.	5.0	58
75	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. <i>Lancet Oncology</i> , The, 2021, 22, 1014-1022.	10.7	58
76	The Cys282Tyr polymorphism in the HFE gene in Australian Parkinson's disease patients. <i>Neuroscience Letters</i> , 2002, 327, 91-94.	2.1	57
77	Mendelian randomisation analysis strongly implicates adiposity with risk of developing colorectal cancer. <i>British Journal of Cancer</i> , 2016, 115, 266-272.	6.4	57
78	Update on Hereditary Colorectal Cancer: Improving the Clinical Utility of Multigene Panel Testing. <i>Clinical Colorectal Cancer</i> , 2018, 17, e293-e305.	2.3	55
79	Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival. <i>Nature Communications</i> , 2020, 11, 3644.	12.8	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. <i>Journal of Biological Chemistry</i> , 2014, 289, 25306-25316.	3.4	53
81	Screening PARK genes for mutations in early-onset Parkinson's disease patients from Queensland, Australia. <i>Parkinsonism and Related Disorders</i> , 2009, 15, 105-109.	2.2	52
82	Novel associations between blood DNA methylation and body mass index in middle-aged and older adults. <i>International Journal of Obesity</i> , 2018, 42, 887-896.	3.4	52
83	KRAS mutations in ovarian low-grade endometrioid adenocarcinoma: association with concurrent endometriosis. <i>Human Pathology</i> , 2012, 43, 1177-1183.	2.0	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. <i>British Journal of Cancer</i> , 2011, 105, 162-169.	6.4	50
85	Risk of colorectal cancer for carriers of a germ-line mutation in POLE or POLD1. <i>Genetics in Medicine</i> , 2018, 20, 890-895.	2.4	49
86	Phenotypic diversity in patients with multiple serrated polyps: a genetics clinic study. <i>International Journal of Colorectal Disease</i> , 2010, 25, 703-712.	2.2	48
87	A frame-shift mutation of PMS2 is a widespread cause of Lynch syndrome. <i>Journal of Medical Genetics</i> , 2008, 45, 340-345.	3.2	47
88	Tumor testing to identify lynch syndrome in two Australian colorectal cancer cohorts. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 427-438.	2.8	47
89	Dysfunctional epigenetic aging of the normal colon and colorectal cancer risk. <i>Clinical Epigenetics</i> , 2020, 12, 5.	4.1	47
90	Potential impact of family history-based screening guidelines on the detection of early-onset colorectal cancer. <i>Cancer</i> , 2020, 126, 3013-3020.	4.1	45

#	ARTICLE	IF	CITATIONS
91	High prevalence of mismatch repair deficiency in prostate cancers diagnosed in mismatch repair gene mutation carriers from the colon cancer family registry. <i>Familial Cancer</i> , 2014, 13, 573-582.	1.9	44
92	Should the grading of colorectal adenocarcinoma include microsatellite instability status?. <i>Human Pathology</i> , 2014, 45, 2077-2084.	2.0	44
93	Association between Body Mass Index and Mortality for Colorectal Cancer Survivors: Overall and by Tumor Molecular Phenotype. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1229-1238.	2.5	44
94	Genetic variant predictors of gene expression provide new insight into risk of colorectal cancer. <i>Human Genetics</i> , 2019, 138, 307-326.	3.8	44
95	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , 2021, 70, 1325-1334.	12.1	44
96	Mutation deep within an intron of MSH2 causes Lynch syndrome. <i>Familial Cancer</i> , 2011, 10, 297-301.	1.9	43
97	Confirmation of Linkage to and Localization of Familial Colon Cancer Risk Haplotype on Chromosome 9q22. <i>Cancer Research</i> , 2010, 70, 5409-5418.	0.9	42
98	Quantifying the utility of single nucleotide polymorphisms to guide colorectal cancer screening. <i>Future Oncology</i> , 2016, 12, 503-513.	2.4	42
99	Lack of evidence for germline <i>RNF43</i> mutations in patients with serrated polyposis syndrome from a large multinational study. <i>Gut</i> , 2017, 66, 1170-1172.	12.1	42
100	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and early-onset colorectal cancer. <i>Epigenetics</i> , 2013, 8, 748-755.	2.7	41
101	Determining the frequency of de novo germline mutations in DNA mismatch repair genes. <i>Journal of Medical Genetics</i> , 2011, 48, 530-534.	3.2	40
102	Role of tumour molecular and pathology features to estimate colorectal cancer risk for first-degree relatives. <i>Gut</i> , 2015, 64, 101-110.	12.1	40
103	Cohort Profile: The Colon Cancer Family Registry Cohort (CCFRC). <i>International Journal of Epidemiology</i> , 2018, 47, 387-388i.	1.9	40
104	Biological Aging Measures Based on Blood DNA Methylation and Risk of Cancer: A Prospective Study. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkaa109.	2.9	40
105	Multiplicity and Molecular Heterogeneity of Colorectal Carcinomas in Individuals With Serrated Polyposis. <i>American Journal of Surgical Pathology</i> , 2013, 37, 434-442.	3.7	39
106	Characterisation of Familial Colorectal Cancer Type X, Lynch syndrome, and non-familial colorectal cancer. <i>British Journal of Cancer</i> , 2014, 111, 598-602.	6.4	38
107	Identification of Novel Variants in Colorectal Cancer Families by High-Throughput Exome Sequencing. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1239-1251.	2.5	37
108	Variation at 2q35 (<i>PNKD</i> and <i>TMBIM1</i>) influences colorectal cancer risk and identifies a pleiotropic effect with inflammatory bowel disease. <i>Human Molecular Genetics</i> , 2016, 25, 2349-2359.	2.9	37

#	ARTICLE	IF	CITATIONS
109	Alcohol Consumption and the Risk of Colorectal Cancer for Mismatch Repair Gene Mutation Carriers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 366-375.	2.5	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. <i>Scientific Reports</i> , 2015, 5, 17369.	3.3	35
112	Dietary intake of one-carbon metabolism nutrients and DNA methylation in peripheral blood. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 611-621.	4.7	35
113	Mendelian randomization analysis of C-reactive protein on colorectal cancer risk. <i>International Journal of Epidemiology</i> , 2019, 48, 767-780.	1.9	35
114	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. <i>International Journal of Cancer</i> , 2021, 148, 307-319.	5.1	35
115	Genome-Wide Search for Gene-Gene Interactions in Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e52535.	2.5	35
116	Endometrial cancer risk and survival by tumor MMR status. <i>Journal of Gynecologic Oncology</i> , 2018, 29, e39.	2.2	34
117	Association Between Molecular Subtypes of Colorectal Tumors and Patient Survival, Based on Pooled Analysis of 7 International Studies. <i>Gastroenterology</i> , 2020, 158, 2158-2168.e4.	1.3	34
118	Promoter methylation of Wnt5a is associated with microsatellite instability and BRAF V600E mutation in two large populations of colorectal cancer patients. <i>British Journal of Cancer</i> , 2011, 104, 1906-1912.	6.4	33
119	Germline mutations in <i>PMS2</i> and <i>MLH1</i> in individuals with solitary loss of PMS2 expression in colorectal carcinomas from the Colon Cancer Family Registry Cohort. <i>BMJ Open</i> , 2016, 6, e010293.	1.9	33
120	Risk factors for metachronous colorectal cancer following a primary colorectal cancer: A prospective cohort study. <i>International Journal of Cancer</i> , 2016, 139, 1081-1090.	5.1	32
121	Targeted sequencing of 36 known or putative colorectal cancer susceptibility genes. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 553-569.	1.2	32
122	DNA mismatch repair protein deficient non-neoplastic colonic crypts: a novel indicator of Lynch syndrome. <i>Modern Pathology</i> , 2018, 31, 1608-1618.	5.5	32
123	Are the common genetic variants associated with colorectal cancer risk for DNA mismatch repair gene mutation carriers?. <i>European Journal of Cancer</i> , 2013, 49, 1578-1587.	2.8	31
124	A novel colorectal cancer risk locus at 4q32.2 identified from an international genome-wide association study. <i>Carcinogenesis</i> , 2014, 35, 2512-2519.	2.8	30
125	Prediagnostic Physical Activity and Colorectal Cancer Survival: Overall and Stratified by Tumor Characteristics. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1130-1137.	2.5	30
126	Family history of cancer predicts endometrial cancer risk independently of Lynch Syndrome: Implications for genetic counselling. <i>Gynecologic Oncology</i> , 2017, 147, 381-387.	1.4	30

#	ARTICLE	IF	CITATIONS
127	Comparison of Prediction Models for Lynch Syndrome Among Individuals With Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	6.3	29
128	Sequence variation in the proximity of IDE may impact age at onset of both Parkinson disease and Alzheimer disease. <i>Neurogenetics</i> , 2004, 5, 115-119.	1.4	28
129	Germline Mutations in the Polyposis-Associated Genes BMPR1A, SMAD4, PTEN, MUTYH and GREM1 Are Not Common in Individuals with Serrated Polyposis Syndrome. <i>PLoS ONE</i> , 2013, 8, e66705.	2.5	27
130	Multivitamin, calcium and folic acid supplements and the risk of colorectal cancer in Lynch syndrome. <i>International Journal of Epidemiology</i> , 2016, 45, 940-953.	1.9	27
131	Lifetime alcohol intake is associated with an increased risk of <i>KRAS</i> + and <i>BRAF</i> + <i>KRAS</i> -but not <i>BRAF</i> + <i>KRAS</i> + colorectal cancer. <i>International Journal of Cancer</i> , 2017, 140, 1485-1493.	5.1	27
132	Systematic meta-analyses, field synopsis and global assessment of the evidence of genetic association studies in colorectal cancer. <i>Gut</i> , 2020, 69, 1460-1471.	12.1	27
133	Evaluating the utility of tumour mutational signatures for identifying hereditary colorectal cancer and polyposis syndrome carriers. <i>Gut</i> , 2021, 70, 2138-2149.	12.1	27
134	Association of APOE with Parkinson disease age-at-onset in women. <i>Neuroscience Letters</i> , 2007, 411, 185-188.	2.1	26
135	Improving identification of lynch syndrome patients: A comparison of research data with clinical records. <i>International Journal of Cancer</i> , 2013, 132, 2876-2883.	5.1	26
136	Genome-wide association study and meta-analysis in Northern European populations replicate multiple colorectal cancer risk loci. <i>International Journal of Cancer</i> , 2018, 142, 540-546.	5.1	26
137	Intake of Dietary Fruit, Vegetables, and Fiber and Risk of Colorectal Cancer According to Molecular Subtypes: A Pooled Analysis of 9 Studies. <i>Cancer Research</i> , 2020, 80, 4578-4590.	0.9	26
138	Colorectal Cancer Linkage on Chromosomes 4q21, 8q13, 12q24, and 15q22. <i>PLoS ONE</i> , 2012, 7, e38175.	2.5	24
139	Germline HOXB13 p.Gly84Glu mutation and risk of colorectal cancer. <i>Cancer Epidemiology</i> , 2013, 37, 424-427.	1.9	24
140	Family History of Colorectal Cancer in <i>BRAF</i> p.V600E-Mutated Colorectal Cancer Cases. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 917-926.	2.5	24
141	Hyperplastic polyp of the duodenum: a report of 9 cases with immunohistochemical and molecular findings. <i>Human Pathology</i> , 2011, 42, 1953-1959.	2.0	23
142	The Association of Telomere Length with Colorectal Cancer Differs by the Age of Cancer Onset. <i>Clinical and Translational Gastroenterology</i> , 2014, 5, e52.	2.5	23
143	Targeted sequencing of established and candidate colorectal cancer genes in the Colon Cancer Family Registry Cohort. <i>Oncotarget</i> , 2017, 8, 93450-93463.	1.8	23
144	Physical activity and the risk of colorectal cancer in Lynch syndrome. <i>International Journal of Cancer</i> , 2018, 143, 2250-2260.	5.1	23

#	ARTICLE	IF	CITATIONS
145	Ability of known susceptibility SNPs to predict colorectal cancer risk for persons with and without a family history. <i>Familial Cancer</i> , 2019, 18, 389-397.	1.9	23
146	Germline MBD4 deficiency causes a multi-tumor predisposition syndrome. <i>American Journal of Human Genetics</i> , 2022, 109, 953-960.	6.2	23
147	The ACE Deletion Polymorphism Is Not Associated with Parkinson's Disease. <i>European Neurology</i> , 1999, 41, 103-106.	1.4	22
148	SNP rs16906252C>T Is an Expression and Methylation Quantitative Trait Locus Associated with an Increased Risk of Developing MGMT-Methylated Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 6266-6277.	7.0	22
149	Circulating 25-Hydroxyvitamin D Concentration and Risk of Breast, Prostate, and Colorectal Cancers: The Melbourne Collaborative Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 900-908.	2.5	22
150	The parkin gene S/N167 polymorphism in Australian Parkinson's disease patients and controls. <i>Parkinsonism and Related Disorders</i> , 2001, 7, 89-91.	2.2	21
151	Analysis of families with Lynch syndrome complicated by advanced serrated neoplasia: the importance of pathology review and pedigree analysis. <i>Familial Cancer</i> , 2009, 8, 313-323.	1.9	21
152	Do serrated neoplasms of the small intestine represent a distinct entity? Pathological findings and molecular alterations in a series of 13 cases. <i>Histopathology</i> , 2015, 66, 333-342.	2.9	21
153	Clinicopathologic Risk Factor Distributions for MLH1 Promoter Region Methylation in CIMP-Positive Tumors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 68-75.	2.5	21
154	Somatic mutations of the coding microsatellites within the beta-2-microglobulin gene in mismatch repair-deficient colorectal cancers and adenomas. <i>Familial Cancer</i> , 2018, 17, 91-100.	1.9	21
155	Phenotypic confirmation of oligodontia, colorectal polyposis and cancer in a family carrying an exon 7 nonsense variant in the AXIN2 gene. <i>Familial Cancer</i> , 2019, 18, 311-315.	1.9	20
156	Monoallelic NTHL1 Loss-of-Function Variants and Risk of Polyposis and Colorectal Cancer. <i>Gastroenterology</i> , 2020, 159, 2241-2243.e6.	1.3	20
157	Medically actionable pathogenic variants in a population of 13,131 healthy elderly individuals. <i>Genetics in Medicine</i> , 2020, 22, 1883-1886.	2.4	20
158	A Perspective on Bi-allelic MUTYH Mutations in Patients With Hyperplastic Polyposis Syndrome. <i>Gastroenterology</i> , 2009, 136, 2407-2408.	1.3	19
159	Linkage to chromosome 2q32.2-q33.3 in familial serrated neoplasia (Jass syndrome). <i>Familial Cancer</i> , 2011, 10, 245-254.	1.9	19
160	Molecular and Pathology Features of Colorectal Tumors and Patient Outcomes Are Associated with <i>Fusobacterium nucleatum</i> and Its Subspecies <i>animalis</i> . <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 210-220.	2.5	19
161	Assessing the causal role of epigenetic clocks in the development of multiple cancers: a Mendelian randomization study. <i>ELife</i> , 2022, 11, .	6.0	19
162	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and pancreatic cancer. <i>Cancer Epidemiology</i> , 2014, 38, 576-582.	1.9	18

#	ARTICLE	IF	CITATIONS
163	Stochastic Epigenetic Mutations Are Associated with Risk of Breast Cancer, Lung Cancer, and Mature B-cell Neoplasms. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2026-2037.	2.5	18
164	DNA Methylation Signatures and the Contribution of Age-Associated Methylation Drift to Carcinogenesis in Early-Onset Colorectal Cancer. <i>Cancers</i> , 2021, 13, 2589.	3.7	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. <i>Human Genetics</i> , 2021, 140, 1353-1365.	3.8	18
166	Immunophenotypic analysis of ovarian endometrioid adenocarcinoma: Correlation with KRAS mutation and the presence of endometriosis. <i>Pathology</i> , 2013, 45, 559-566.	0.6	17
167	Mendelian randomisation study of age at menarche and age at menopause and the risk of colorectal cancer. <i>British Journal of Cancer</i> , 2018, 118, 1639-1647.	6.4	16
168	RNF43 is mutated less frequently in Lynch Syndrome compared with sporadic microsatellite unstable colorectal cancers. <i>Familial Cancer</i> , 2018, 17, 63-69.	1.9	16
169	Assessment of a Polygenic Risk Score for Colorectal Cancer to Predict Risk of Lynch Syndrome Colorectal Cancer. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab022.	2.9	15
170	Identifying colorectal cancer caused by biallelic MUTYH pathogenic variants using tumor mutational signatures. <i>Nature Communications</i> , 2022, 13, .	12.8	15
171	Lack of association between CYP1A1 polymorphism and Parkinson's disease in a Chinese population. <i>Journal of Neural Transmission</i> , 2002, 109, 35-39.	2.8	14
172	Detection of large scale 3â€² deletions in the PMS2 gene amongst Colon-CFR participants: have we been missing anything?. <i>Familial Cancer</i> , 2013, 12, 563-566.	1.9	14
173	Consequences of germline variation disrupting the constitutional translational initiation codon start sites of <i>MLH1</i> and <i>BRCA2</i> : Use of potential alternative start sites and implications for predicting variant pathogenicity. <i>Molecular Carcinogenesis</i> , 2015, 54, 513-522.	2.7	14
174	Lynch syndrome and cervical cancer. <i>International Journal of Cancer</i> , 2015, 137, 2757-2761.	5.1	13
175	Risk factors for metachronous colorectal cancer or polyp: A systematic review and meta-analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 301-326.	2.8	13
176	Clinicopathological predictors of mismatch repair deficiency in sebaceous neoplasia: A large case series from a single Australian private pathology service. <i>Australasian Journal of Dermatology</i> , 2019, 60, 126-133.	0.7	13
177	Cancer Risks for the Relatives of Colorectal Cancer Cases with a Methylated <i>MLH1</i> Promoter Region: Data from the Colorectal Cancer Family Registry. <i>Cancer Prevention Research</i> , 2012, 5, 328-335.	1.5	12
178	Risks of Colorectal Cancer and Cancer-Related Mortality in Familial Colorectal Cancer Type X and Lynch Syndrome Families. <i>Journal of the National Cancer Institute</i> , 2019, 111, 675-683.	6.3	12
179	A Genomic Test for Colorectal Cancer Risk: Is This Acceptable and Feasible in Primary Care?. <i>Public Health Genomics</i> , 2020, 23, 110-121.	1.0	12
180	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 217-228.	2.5	12

#	ARTICLE	IF	CITATIONS
181	Germline and Tumor Sequencing as a Diagnostic Tool To Resolve Suspected Lynch Syndrome. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 358-371.	2.8	12
182	Methylation of Breast Cancer Predisposition Genes in Early-Onset Breast Cancer: Australian Breast Cancer Family Registry. <i>PLoS ONE</i> , 2016, 11, e0165436.	2.5	12
183	Risk of colorectal cancer for people with a mutation in both a MUTYH and a DNA mismatch repair gene. <i>Familial Cancer</i> , 2015, 14, 575-583.	1.9	11
184	Costs and outcomes of Lynch syndrome screening in the Australian colorectal cancer population. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 1737-1744.	2.8	11
185	DUSP5 is methylated in CIMP-high colorectal cancer but is not a major regulator of intestinal cell proliferation and tumorigenesis. <i>Scientific Reports</i> , 2018, 8, 1767.	3.3	11
186	Current mismatch repair deficiency tumor testing practices and capabilities: A survey of Australian pathology providers. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2018, 14, 417-425.	1.1	11
187	Hi-Plex2: a simple and robust approach to targeted sequencing-based genetic screening. <i>BioTechniques</i> , 2019, 67, 118-122.	1.8	11
188	No Difference in Penetrance between Truncating and Missense/Aberrant Splicing Pathogenic Variants in MLH1 and MSH2: A Prospective Lynch Syndrome Database Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2856.	2.4	11
189	Type 2 diabetes mellitus, blood cholesterol, triglyceride and colorectal cancer risk in Lynch syndrome. <i>British Journal of Cancer</i> , 2019, 121, 869-876.	6.4	10
190	Associations between Genetically Predicted Circulating Protein Concentrations and Endometrial Cancer Risk. <i>Cancers</i> , 2021, 13, 2088.	3.7	10
191	A Combined Proteomics and Mendelian Randomization Approach to Investigate the Effects of Aspirin-Targeted Proteins on Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 564-575.	2.5	10
192	Mismatch repair and clinical response to immune checkpoint inhibitors in endometrial cancer. <i>Cancer</i> , 2022, 128, 1157-1161.	4.1	10
193	Risk and prognostic factors for endometrial carcinoma after diagnosis of breast or Lynch-associated cancers: A population-based analysis. <i>Cancer Medicine</i> , 2018, 7, 6411-6422.	2.8	9
194	Epigenetic Drift Association with Cancer Risk and Survival, and Modification by Sex. <i>Cancers</i> , 2021, 13, 1881.	3.7	9
195	Stability of BAT26 in Lynch syndrome colorectal tumours. <i>European Journal of Human Genetics</i> , 2007, 15, 139-141.	2.8	8
196	Cigarette pack labelling in 12 countries at different levels of economic development. <i>Journal of Public Health Policy</i> , 2011, 32, 146-164.	2.0	8
197	Absence of <i>PMS2</i> mutations in colon- <i>CFR</i> participants whose colorectal cancers demonstrate unexplained loss of <i>MLH1</i> expression. <i>Clinical Genetics</i> , 2013, 83, 591-593.	2.0	8
198	Childhood cancers in families with and without Lynch syndrome. <i>Familial Cancer</i> , 2015, 14, 545-551.	1.9	8

#	ARTICLE	IF	CITATIONS
199	Tumor mutational signatures in sebaceous skin lesions from individuals with Lynch syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00781.	1.2	8
200	Postmenopausal Hormone Therapy and Colorectal Cancer Risk by Molecularly Defined Subtypes and Tumor Location. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa042.	2.9	8
201	The MLH1 polymorphism rs1800734 and risk of endometrial cancer with microsatellite instability. <i>Clinical Epigenetics</i> , 2020, 12, 102.	4.1	8
202	Association between Smoking and Molecular Subtypes of Colorectal Cancer. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab056.	2.9	8
203	Using tumour pathology to identify people at high genetic risk of breast and colorectal cancers. <i>Pathology</i> , 2012, 44, 89-98.	0.6	7
204	Promoter methylation of ITF2, but not APC, is associated with microsatellite instability in two populations of colorectal cancer patients. <i>BMC Cancer</i> , 2016, 16, 113.	2.6	7
205	GWASeq: targeted re-sequencing follow up to GWAS. <i>BMC Genomics</i> , 2016, 17, 176.	2.8	7
206	Germline miRNA DNA variants and the risk of colorectal cancer by subtype. <i>Genes Chromosomes and Cancer</i> , 2017, 56, 177-184.	2.8	7
207	Functional informed genome-wide interaction analysis of body mass index, diabetes and colorectal cancer risk. <i>Cancer Medicine</i> , 2020, 9, 3563-3573.	2.8	7
208	An integrated mass spectrometry imaging and digital pathology workflow for objective detection of colorectal tumours by unique atomic signatures. <i>Chemical Science</i> , 2021, 12, 10321-10333.	7.4	7
209	Informed choice and attitudes regarding a genomic test to predict risk of colorectal cancer in general practice. <i>Patient Education and Counseling</i> , 2022, 105, 987-995.	2.2	7
210	Impact of microsatellite status in early-onset colonic cancer. <i>British Journal of Surgery</i> , 2022, 109, 632-636.	0.3	7
211	Re: Microsatellite Instability and BRAF Mutation Testing in Colorectal Cancer Prognostication. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju180-dju180.	6.3	6
212	Cholecystectomy and the risk of colorectal cancer by tumor mismatch repair deficiency status. <i>International Journal of Colorectal Disease</i> , 2016, 31, 1451-1457.	2.2	6
213	Determining the familial risk distribution of colorectal cancer: a data mining approach. <i>Familial Cancer</i> , 2016, 15, 241-251.	1.9	6
214	Family history-based colorectal cancer screening in Australia: A modelling study of the costs, benefits, and harms of different participation scenarios. <i>PLoS Medicine</i> , 2018, 15, e1002630.	8.4	6
215	Overall lack of replication of associations between dietary intake of folate and vitamin B-12 and DNA methylation in peripheral blood. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 228-230.	4.7	6
216	Genetically Predicted Circulating C-Reactive Protein Concentration and Colorectal Cancer Survival: A Mendelian Randomization Consortium Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1349-1358.	2.5	6

#	ARTICLE	IF	CITATIONS
217	Genetic variants within the hTERT gene and the risk of colorectal cancer in Lynch syndrome. <i>Genes and Cancer</i> , 2015, 6, 445-451.	1.9	6
218	A genome-wide search for determinants of survival in 1926 patients with advanced colorectal cancer with follow-up in over 22,000 patients. <i>European Journal of Cancer</i> , 2021, 159, 247-258.	2.8	6
219	Association of FOXO3 Blood DNA Methylation with Cancer Risk, Cancer Survival, and Mortality. <i>Cells</i> , 2021, 10, 3384.	4.1	6
220	Genome-wide association study identifies tumor anatomical site-specific risk variants for colorectal cancer survival. <i>Scientific Reports</i> , 2022, 12, 127.	3.3	6
221	Beyond GWAS of Colorectal Cancer: Evidence of Interaction with Alcohol Consumption and Putative Causal Variant for the 10q24.2 Region. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 1077-1089.	2.5	6
222	Lessons from Lynch syndrome: a tumor biology-based approach to familial colorectal cancer. <i>Future Oncology</i> , 2010, 6, 539-549.	2.4	5
223	Reply to J. Moline et al. <i>Journal of Clinical Oncology</i> , 2014, 32, 2278-2279.	1.6	5
224	Modeling of Successive Cancer Risks in Lynch Syndrome Families in the Presence of Competing Risks Using Copulas. <i>Biometrics</i> , 2017, 73, 271-282.	1.4	5
225	Response to Li and Hopper. <i>American Journal of Human Genetics</i> , 2021, 108, 527-529.	6.2	5
226	Rare germline variants in the AXIN2 gene in families with colonic polyposis and colorectal cancer. <i>Familial Cancer</i> , 2021, , 1.	1.9	5
227	Aspirin and the Risk of Colorectal Cancer According to Genetic Susceptibility among Older Individuals. <i>Cancer Prevention Research</i> , 2022, 15, 447-454.	1.5	5
228	Reducing the polyp burden in serrated polyposis by serial colonoscopy: the impact of nationally coordinated community surveillance. <i>New Zealand Medical Journal</i> , 2017, 130, 57-67.	0.5	4
229	Rare Variants in the DNA Repair Pathway and the Risk of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 895-903.	2.5	3
230	Tetranucleotide and Low Microsatellite Instability Are Inversely Associated with the CpG Island Methylator Phenotype in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 3529.	3.7	3
231	<i>Movement Disorders</i> , 1999, 14, 219-224.	3.9	3
232	“Left in limbo”: Exploring how patients with colorectal cancer interpret and respond to a suspected Lynch syndrome diagnosis. <i>Hereditary Cancer in Clinical Practice</i> , 2021, 19, 43.	1.5	3
233	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. <i>Nutrients</i> , 2021, 13, 4164.	4.1	3
234	Heterogeneity in the psychosocial and behavioral responses associated with a diagnosis of suspected Lynch syndrome in women with endometrial cancer. <i>Hereditary Cancer in Clinical Practice</i> , 2022, 20, .	1.5	3

#	ARTICLE	IF	CITATIONS
235	Utility of immunohistochemistry for mismatch repair proteins on colorectal polyps in the familial cancer clinic. <i>Internal Medicine Journal</i> , 2018, 48, 1325-1330.	0.8	2
236	Assessing the ProMCol classifier as a prognostic marker for non-metastatic colorectal cancer within the Melbourne Collaborative Cohort Study. <i>Gut</i> , 2019, 68, 761-762.	12.1	2
237	Genetic variants associated with circulating C-reactive protein levels and colorectal cancer survival: Sex-specific and lifestyle factors specific associations. <i>International Journal of Cancer</i> , 2022, 150, 1447-1454.	5.1	2
238	Diabetes mellitus in relation to colorectal tumor molecular subtypes – a pooled analysis of more than 9,000 cases. <i>International Journal of Cancer</i> , 2022, , .	5.1	2
239	Cancer Risk C (CR-C), a functional genomics test is a sensitive and rapid test for germline mismatch repair deficiency. <i>Genetics in Medicine</i> , 2022, 24, 1821-1830.	2.4	2
240	Does genetic predisposition modify the effect of lifestyle-related factors on DNA methylation?. <i>Epigenetics</i> , 2022, 17, 1838-1847.	2.7	2
241	Lynch syndrome-associated breast cancers do not overexpress chromosome 11-encoded mucins. <i>Modern Pathology</i> , 2013, 26, 944-954.	5.5	1
242	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-Tumor Phenotype Including a Predisposition to Colon and Breast Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
243	Genetic Variants in the Regulatory T cell-Related Pathway and Colorectal Cancer Prognosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2719-2728.	2.5	1
244	Genetic Regulation of DNA Methylation Yields Novel Discoveries in GWAS of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 1068-1076.	2.5	1
245	Association between germline variants and somatic mutations in colorectal cancer. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
246	Molecular subtypes of colorectal cancer in relation to disease survival.. <i>Journal of Clinical Oncology</i> , 2014, 32, 451-451.	1.6	0
247	OUP accepted manuscript. <i>Journal of the National Cancer Institute</i> , 2022, , .	6.3	0