Daniel D Buchanan

List of Publications by Year in Descending Order

237 papers	11,343 citations	58 h-index	100 g-index
273 ext. papers	13,803 ext. citations	6.6 avg, IF	5.4 L-index

#	Paper	IF	Citations
237	Genome-wide association study identifies tumor anatomical site-specific risk variants for colorectal cancer survival.. *Scientific Reports*, **2022**, 12, 127	4.9	2
236	Impact of microsatellite status in early-onset colonic cancer.. *British Journal of Surgery*, **2022**,	5.3	1
235	Beyond GWAS of Colorectal Cancer: Evidence of Interaction with Alcohol Consumption and Putative Causal Variant for the 10q24.2 Region.. *Cancer Epidemiology Biomarkers and Prevention*, **2022**, OF1-OF13	4	0
234	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 217-228	4	7
233	A Combined Proteomics and Mendelian Randomization Approach to Investigate the Effects of Aspirin-Targeted Proteins on Colorectal Cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 564-575	4	2
232	Molecular and Pathology Features of Colorectal Tumors and Patient Outcomes Are Associated with and Its Subspecies. *Cancer Epidemiology Biomarkers and Prevention*, **2021**,	4	1
231	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. *Nutrients*, **2021**, 13,	6.7	1
230	Rare germline variants in the AXIN2 gene in families with colonic polyposis and colorectal cancer. *Familial Cancer*, **2021**, 1	3	0
229	A genome-wide search for determinants of survival in 1926 patients with advanced colorectal cancer with follow-up in over 22,000 patients. *European Journal of Cancer*, **2021**, 159, 247-258	7.5	1
228	"Left in limbo": Exploring how patients with colorectal cancer interpret and respond to a suspected Lynch syndrome diagnosis. *Hereditary Cancer in Clinical Practice*, **2021**, 19, 43	2.3	0
227	Biological Aging Measures Based on Blood DNA Methylation and Risk of Cancer: A Prospective Study. *JNCI Cancer Spectrum*, **2021**, 5, pkaa109	4.6	11
226	Germline and Tumor Sequencing as a Diagnostic Tool To Resolve Suspected Lynch Syndrome. *Journal of Molecular Diagnostics*, **2021**, 23, 358-371	5.1	1
225	Response to Li and Hopper. *American Journal of Human Genetics*, **2021**, 108, 527-529	11	1
224	Assessment of a Polygenic Risk Score for Colorectal Cancer to Predict Risk of Lynch Syndrome Colorectal Cancer. *JNCI Cancer Spectrum*, **2021**, 5, pkab022	4.6	2
223	Epigenetic Drift Association with Cancer Risk and Survival, and Modification by Sex. *Cancers*, **2021**, 13,	6.6	4
222	Associations between Genetically Predicted Circulating Protein Concentrations and Endometrial Cancer Risk. *Cancers*, **2021**, 13,	6.6	3
221	DNA Methylation Signatures and the Contribution of Age-Associated Methylomic Drift to Carcinogenesis in Early-Onset Colorectal Cancer. *Cancers*, **2021**, 13,	6.6	3

220	Genetically Predicted Circulating C-Reactive Protein Concentration and Colorectal Cancer Survival: A Mendelian Randomization Consortium Study. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 1349-1358	4	1
219	Association Between Smoking and Molecular Subtypes of Colorectal Cancer. *JNCI Cancer Spectrum*, **2021**, 5, pkab056	4.6	2
218	No Difference in Penetrance between Truncating and Missense/Aberrant Splicing Pathogenic Variants in and : A Prospective Lynch Syndrome Database Study. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
217	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. *International Journal of Cancer*, **2021**, 148, 307-319	7.5	13
216	An integrated mass spectrometry imaging and digital pathology workflow for objective detection of colorectal tumours by unique atomic signatures. *Chemical Science*, **2021**, 12, 10321-10333	9.4	5
215	Evaluating the utility of tumour mutational signatures for identifying hereditary colorectal cancer and polyposis syndrome carriers. *Gut*, **2021**, 70, 2138-2149	19.2	6
214	Genetic architectures of proximal and distal colorectal cancer are partly distinct. *Gut*, **2021**, 70, 1325-1334	19.2	7
213	Rare Variants in the DNA Repair Pathway and the Risk of Colorectal Cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 895-903	4	1
212	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	6.3	5
211	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. *Lancet Oncology, The*, **2021**, 22, 1014-1022	21.7	5
210	Informed choice and attitudes regarding a genomic test to predict risk of colorectal cancer in general practice. *Patient Education and Counseling*, **2021**,	3.1	1
209	Characteristics of Early-Onset vs Late-Onset Colorectal Cancer: A Review. *JAMA Surgery*, **2021**, 156, 865-874	9.4	15
208	DNA methylation-based signature of CD8+ tumor-infiltrating lymphocytes enables evaluation of immune response and prognosis in colorectal cancer **2021**, 9,		7
207	Functional informed genome-wide interaction analysis of body mass index, diabetes and colorectal cancer risk. *Cancer Medicine*, **2020**, 9, 3563-3573	4.8	4
206	Medically actionable pathogenic variants in a population of 13,131 healthy elderly individuals. *Genetics in Medicine*, **2020**, 22, 1883-1886	8.1	10
205	The MLH1 polymorphism rs1800734 and risk of endometrial cancer with microsatellite instability. *Clinical Epigenetics*, **2020**, 12, 102	7.7	2
204	Association Between Molecular Subtypes of Colorectal Tumors and Patient Survival, Based on Pooled Analysis of 7 International Studies. *Gastroenterology*, **2020**, 158, 2158-2168.e4	13.3	17
203	Systematic meta-analyses, field synopsis and global assessment of the evidence of genetic association studies in colorectal cancer. *Gut*, **2020**, 69, 1460-1471	19.2	11

202	Genetic Variants in the Regulatory T cell-Related Pathway and Colorectal Cancer Prognosis. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 2719-2728	4	
201	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. *Nature Communications*, **2020**, 11, 597	17.4	36
200	Overall lack of replication of associations between dietary intake of folate and vitamin B-12 and DNA methylation in peripheral blood. *American Journal of Clinical Nutrition*, **2020**, 111, 228-230	7	2
199	Dysfunctional epigenetic aging of the normal colon and colorectal cancer risk. *Clinical Epigenetics*, **2020**, 12, 5	7.7	27
198	Cumulative Burden of Colorectal Cancer-Associated Genetic Variants Is More Strongly Associated With Early-Onset vs Late-Onset Cancer. *Gastroenterology*, **2020**, 158, 1274-1286.e12	13.3	47
197	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	13.3	45
196	Postmenopausal Hormone Therapy and Colorectal Cancer Risk by Molecularly Defined Subtypes and Tumor Location. *JNCI Cancer Spectrum*, **2020**, 4, pkaa042	4.6	2
195	Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival. *Nature Communications*, **2020**, 11, 3644	17.4	16
194	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. *American Journal of Human Genetics*, **2020**, 107, 432-444	11	31
193	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	4	6
192	A Genomic Test for Colorectal Cancer Risk: Is This Acceptable and Feasible in Primary Care?. *Public Health Genomics*, **2020**, 23, 110-121	1.9	3
191	Monoallelic NTHL1 Loss-of-Function Variants and Risk of Polyposis and Colorectal Cancer. *Gastroenterology*, **2020**, 159, 2241-2243.e6	13.3	10
190	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	10.1	8
189	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. *BMC Medicine*, **2020**, 18, 396	11.4	17
188	Potential impact of family history-based screening guidelines on the detection of early-onset colorectal cancer. *Cancer*, **2020**, 126, 3013-3020	6.4	23
187	Hi-Plex2: a simple and robust approach to targeted sequencing-based genetic screening. *BioTechniques*, **2019**, 67, 118-122	2.5	6
186	Type 2 diabetes mellitus, blood cholesterol, triglyceride and colorectal cancer risk in Lynch syndrome. *British Journal of Cancer*, **2019**, 121, 869-876	8.7	4
185	Shared heritability and functional enrichment across six solid cancers. *Nature Communications*, **2019**, 10, 431	17.4	45

184	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	3	11
183	Ability of known susceptibility SNPs to predict colorectal cancer risk for persons with and without a family history. *Familial Cancer*, **2019**, 18, 389-397	3	17
182	Tumor mutational signatures in sebaceous skin lesions from individuals with Lynch syndrome. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e00781	2.3	6
181	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. *Nature Communications*, **2019**, 10, 2154	17.4	81
180	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	4	14
179	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-tumor Phenotype. *Cancer Cell*, **2019**, 35, 256-266.e5	24.3	72
178	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. *Journal of the National Cancer Institute*, **2019**, 111, 146-157	9.7	67
177	Genetic variant predictors of gene expression provide new insight into risk of colorectal cancer. *Human Genetics*, **2019**, 138, 307-326	6.3	17
176	Mendelian randomization analysis of C-reactive protein on colorectal cancer risk. *International Journal of Epidemiology*, **2019**, 48, 767-780	7.8	18
175	Risks of Colorectal Cancer and Cancer-Related Mortality in Familial Colorectal Cancer Type X and Lynch Syndrome Families. *Journal of the National Cancer Institute*, **2019**, 111, 675-683	9.7	5
174	Clinico-pathological predictors of mismatch repair deficiency in sebaceous neoplasia: A large case series from a single Australian private pathology service. *Australasian Journal of Dermatology*, **2019**, 60, 126-133	1.3	6
173	Discovery of common and rare genetic risk variants for colorectal cancer. *Nature Genetics*, **2019**, 51, 76-87	36.3	177
172	Assessing the ProMCol classifier as a prognostic marker for non-metastatic colorectal cancer within the Melbourne Collaborative Cohort Study. *Gut*, **2019**, 68, 761-762	19.2	
171	Cohort Profile: The Colon Cancer Family Registry Cohort (CCFRC). *International Journal of Epidemiology*, **2018**, 47, 387-388i	7.8	23
170	Determining Risk of Colorectal Cancer and Starting Age of Screening Based on Lifestyle, Environmental, and Genetic Factors. *Gastroenterology*, **2018**, 154, 2152-2164.e19	13.3	131
169	Costs and outcomes of Lynch syndrome screening in the Australian colorectal cancer population. *Journal of Gastroenterology and Hepatology (Australia)*, **2018**, 33, 1737-1744	4	8
168	Update on Hereditary Colorectal Cancer: Improving the Clinical Utility of Multigene Panel Testing. *Clinical Colorectal Cancer*, **2018**, 17, e293-e305	3.8	42
167	DUSP5 is methylated in CIMP-high colorectal cancer but is not a major regulator of intestinal cell proliferation and tumorigenesis. *Scientific Reports*, **2018**, 8, 1767	4.9	7

166	Novel associations between blood DNA methylation and body mass index in middle-aged and older adults. *International Journal of Obesity*, **2018**, 42, 887-896	5.5	25
165	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	3	11
164	Genome-wide association study and meta-analysis in Northern European populations replicate multiple colorectal cancer risk loci. *International Journal of Cancer*, **2018**, 142, 540-546	7.5	21
163	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	3.8	61
162	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	7.5	53
161	Endometrial cancer risk and survival by tumor MMR status. *Journal of Gynecologic Oncology*, **2018**, 29, e39	4	19
160	Utility of immunohistochemistry for mismatch repair proteins on colorectal polyps in the familial cancer clinic. *Internal Medicine Journal*, **2018**, 48, 1325-1330	1.6	2
159	Family history-based colorectal cancer screening in Australia: A modelling study of the costs, benefits, and harms of different participation scenarios. *PLoS Medicine*, **2018**, 15, e1002630	11.6	2
158	Identification of nine new susceptibility loci for endometrial cancer. *Nature Communications*, **2018**, 9, 3166	17.4	70
157	Dietary intake of one-carbon metabolism nutrients and DNA methylation in peripheral blood. *American Journal of Clinical Nutrition*, **2018**, 108, 611-621	7	24
156	Physical activity and the risk of colorectal cancer in Lynch syndrome. *International Journal of Cancer*, **2018**, 143, 2250-2260	7.5	9
155	DNA mismatch repair protein deficient non-neoplastic colonic crypts: a novel indicator of Lynch syndrome. *Modern Pathology*, **2018**, 31, 1608-1618	9.8	14
154	RNF43 is mutated less frequently in Lynch Syndrome compared with sporadic microsatellite unstable colorectal cancers. *Familial Cancer*, **2018**, 17, 63-69	3	9
153	DNA methylation-based biological aging and cancer risk and survival: Pooled analysis of seven prospective studies. *International Journal of Cancer*, **2018**, 142, 1611-1619	7.5	83
152	Risk of colorectal cancer for carriers of a germ-line mutation in POLE or POLD1. *Genetics in Medicine* , **2018**, 20, 890-895	8.1	34
151	Cancer Risks for PMS2-Associated Lynch Syndrome. *Journal of Clinical Oncology*, **2018**, 36, 2961-2968	2.2	102
150	Risk and prognostic factors for endometrial carcinoma after diagnosis of breast or Lynch-associated cancers-A population-based analysis. *Cancer Medicine*, **2018**, 7, 6411-6422	4.8	8
149	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	10.3	77

148	Current mismatch repair deficiency tumor testing practices and capabilities: A survey of Australian pathology providers. *Asia-Pacific Journal of Clinical Oncology*, **2018**, 14, 417-425	1.9	6
147	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	8.7	7
146	Tumor testing to identify lynch syndrome in two Australian colorectal cancer cohorts. *Journal of Gastroenterology and Hepatology (Australia)*, **2017**, 32, 427-438	4	27
145	Modeling of successive cancer risks in Lynch syndrome families in the presence of competing risks using copulas. *Biometrics*, **2017**, 73, 271-282	1.8	4
144	Mendelian randomisation implicates hyperlipidaemia as a risk factor for colorectal cancer. *International Journal of Cancer*, **2017**, 140, 2701-2708	7.5	50
143	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	10.3	116
142	Lack of evidence for germline mutations in patients with serrated polyposis syndrome from a large multinational study. *Gut*, **2017**, 66, 1170-1172	19.2	35
141	Lifetime alcohol intake is associated with an increased risk of KRAS+ and BRAF-/KRAS- but not BRAF+ colorectal cancer. *International Journal of Cancer*, **2017**, 140, 1485-1493	7.5	20
140	Risk factors for metachronous colorectal cancer or polyp: A systematic review and meta-analysis. *Journal of Gastroenterology and Hepatology (Australia)*, **2017**, 32, 301-326	4	8
139	Targeted sequencing of established and candidate colorectal cancer genes in the Colon Cancer Family Registry Cohort. *Oncotarget*, **2017**, 8, 93450-93463	3.3	18
138	Family history of cancer predicts endometrial cancer risk independently of Lynch Syndrome: Implications for genetic counselling. *Gynecologic Oncology*, **2017**, 147, 381-387	4.9	21
137	Pro-inflammatory fatty acid profile and colorectal cancer risk: A Mendelian randomisation analysis. *European Journal of Cancer*, **2017**, 84, 228-238	7.5	56
136	Targeted sequencing of 36 known or putative colorectal cancer susceptibility genes. *Molecular Genetics & Genomic Medicine*, **2017**, 5, 553-569	2.3	20
135	Alcohol Consumption and the Risk of Colorectal Cancer for Mismatch Repair Gene Mutation Carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 366-375	4	28
134	Prevalence and Penetrance of Major Genes and Polygenes for Colorectal Cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 404-412	4	185
133	Germline miRNA DNA variants and the risk of colorectal cancer by subtype. *Genes Chromosomes and Cancer*, **2017**, 56, 177-184	5	6
132	Reducing the polyp burden in serrated polyposis by serial colonoscopy: the impact of nationally coordinated community surveillance. *New Zealand Medical Journal*, **2017**, 130, 57-67	0.8	4
131	Promoter methylation of ITF2, but not APC, is associated with microsatellite instability in two populations of colorectal cancer patients. *BMC Cancer*, **2016**, 16, 113	4.8	6

130	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	12.9	18
129	Risk of extracolonic cancers for people with biallelic and monoallelic mutations in MUTYH. *International Journal of Cancer*, **2016**, 139, 1557-63	7.5	67
128	Determining the familial risk distribution of colorectal cancer: a data mining approach. *Familial Cancer*, **2016**, 15, 241-51	3	5
127	Variation at 2q35 (PNKD and TMBIM1) influences colorectal cancer risk and identifies a pleiotropic effect with inflammatory bowel disease. *Human Molecular Genetics*, **2016**, 25, 2349-2359	5.6	27
126	Quantifying the utility of single nucleotide polymorphisms to guide colorectal cancer screening. *Future Oncology*, **2016**, 12, 503-13	3.6	30
125	Germline mutations in PMS2 and MLH1 in individuals with solitary loss of PMS2 expression in colorectal carcinomas from the Colon Cancer Family Registry Cohort. *BMJ Open*, **2016**, 6, e010293	3	24
124	GWASeq: targeted re-sequencing follow up to GWAS. *BMC Genomics*, **2016**, 17, 176	4.5	7
123	Comparison of Prediction Models for Lynch Syndrome Among Individuals With Colorectal Cancer. *Journal of the National Cancer Institute*, **2016**, 108,	9.7	24
122	Clinicopathologic Risk Factor Distributions for MLH1 Promoter Region Methylation in CIMP-Positive Tumors. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 68-75	4	16
121	Methylation of Breast Cancer Predisposition Genes in Early-Onset Breast Cancer: Australian Breast Cancer Family Registry. *PLoS ONE*, **2016**, 11, e0165436	3.7	11
120	Risk factors for metachronous colorectal cancer following a primary colorectal cancer: A prospective cohort study. *International Journal of Cancer*, **2016**, 139, 1081-90	7.5	19
119	Mendelian randomisation analysis strongly implicates adiposity with risk of developing colorectal cancer. *British Journal of Cancer*, **2016**, 115, 266-72	8.7	39
118	Cholecystectomy and the risk of colorectal cancer by tumor mismatch repair deficiency status. *International Journal of Colorectal Disease*, **2016**, 31, 1451-7	3	5
117	Multivitamin, calcium and folic acid supplements and the risk of colorectal cancer in Lynch syndrome. *International Journal of Epidemiology*, **2016**, 45, 940-53	7.8	21
116	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. *Cancer Research*, **2016**, 76, 5103-14	10.1	66
115	Risk of colorectal cancer for people with a mutation in both a MUTYH and a DNA mismatch repair gene. *Familial Cancer*, **2015**, 14, 575-83	3	8
114	Aspirin, Ibuprofen, and the Risk of Colorectal Cancer in Lynch Syndrome. *Journal of the National Cancer Institute*, **2015**, 107,	9.7	66
113	Germline TP53 Mutations in Patients With Early-Onset Colorectal Cancer in the Colon Cancer Family Registry. *JAMA Oncology*, **2015**, 1, 214-21	13.4	68

112	A new GWAS and meta-analysis with 1000Genomes imputation identifies novel risk variants for colorectal cancer. *Scientific Reports*, **2015**, 5, 10442	4.9	94
111	Female Hormonal Factors and the Risk of Endometrial Cancer in Lynch Syndrome. *JAMA - Journal of the American Medical Association*, **2015**, 314, 61-71	27.4	53
110	Childhood cancers in families with and without Lynch syndrome. *Familial Cancer*, **2015**, 14, 545-51	3	4
109	Association between molecular subtypes of colorectal cancer and patient survival. *Gastroenterology* , **2015**, 148, 77-87.e2	13.3	273
108	Role of tumour molecular and pathology features to estimate colorectal cancer risk for first-degree relatives. *Gut*, **2015**, 64, 101-10	19.2	31
107	Consequences of germline variation disrupting the constitutional translational initiation codon start sites of MLH1 and BRCA2: Use of potential alternative start sites and implications for predicting variant pathogenicity. *Molecular Carcinogenesis*, **2015**, 54, 513-22	5	13
106	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	4.9	27
105	Lynch syndrome and cervical cancer. *International Journal of Cancer*, **2015**, 137, 2757-61	7.5	11
104	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, 333-42	7.3	18
103	Prediagnostic Physical Activity and Colorectal Cancer Survival: Overall and Stratified by Tumor Characteristics. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1130-7	4	25
102	Association between body mass index and mortality for colorectal cancer survivors: overall and by tumor molecular phenotype. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1229-38	4	38
101	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	4	59
100	Genetic variants within the hTERT gene and the risk of colorectal cancer in Lynch syndrome. *Genes and Cancer*, **2015**, 6, 445-51	2.9	5
99	Risk of colorectal cancer for carriers of mutations in MUTYH, with and without a family history of cancer. *Gastroenterology*, **2014**, 146, 1208-11.e1-5	13.3	128
98	Pooled analysis of iron-related genes in Parkinson© disease: association with transferrin. *Neurobiology of Disease*, **2014**, 62, 172-8	7.5	57
97	Tumour MLH1 promoter region methylation testing is an effective prescreen for Lynch Syndrome (HNPCC). *Journal of Medical Genetics*, **2014**, 51, 789-96	5.8	50
96	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	2.2	149
95	Should the grading of colorectal adenocarcinoma include microsatellite instability status?. *Human Pathology*, **2014**, 45, 2077-84	3.7	39

94	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and pancreatic cancer. *Cancer Epidemiology*, **2014**, 38, 576-82	2.8	14
93	Characterisation of familial colorectal cancer Type X, Lynch syndrome, and non-familial colorectal cancer. *British Journal of Cancer*, **2014**, 111, 598-602	8.7	33
92	Identification of susceptibility loci for colorectal cancer in a genome-wide meta-analysis. *Human Molecular Genetics*, **2014**, 23, 4729-37	5.6	107
91	Colorectal cancer cell lines are representative models of the main molecular subtypes of primary cancer. *Cancer Research*, **2014**, 74, 3238-47	10.1	240
90	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, 183-93	3.1	53
89	A novel colorectal cancer risk locus at 4q32.2 identified from an international genome-wide association study. *Carcinogenesis*, **2014**, 35, 2512-9	4.6	25
88	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, 573-82	3	40
87	Reply to J. Moline et al. *Journal of Clinical Oncology*, **2014**, 32, 2278-9	2.2	3
86	Re: Microsatellite instability and BRAF mutation testing in colorectal cancer prognostication. *Journal of the National Cancer Institute*, **2014**, 106,	9.7	6
85	The association of telomere length with colorectal cancer differs by the age of cancer onset. *Clinical and Translational Gastroenterology*, **2014**, 5, e52	4.2	21
84	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, 25306-16	5.4	38
83	Molecular subtypes of colorectal cancer in relation to disease survival.. *Journal of Clinical Oncology*, **2014**, 32, 451-451	2.2	
82	Lynch syndrome-associated breast cancers do not overexpress chromosome 11-encoded mucins. *Modern Pathology*, **2013**, 26, 944-54	9.8	1
81	Improving identification of lynch syndrome patients: a comparison of research data with clinical records. *International Journal of Cancer*, **2013**, 132, 2876-83	7.5	25
80	Are the common genetic variants associated with colorectal cancer risk for DNA mismatch repair gene mutation carriers?. *European Journal of Cancer*, **2013**, 49, 1578-87	7.5	26
79	Identification of novel variants in colorectal cancer families by high-throughput exome sequencing. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 1239-51	4	36
78	Expression of MUC2, MUC5AC, MUC5B, and MUC6 mucins in colorectal cancers and their association with the CpG island methylator phenotype. *Modern Pathology*, **2013**, 26, 1642-56	9.8	99
77	Risks of colorectal and other cancers after endometrial cancer for women with Lynch syndrome. *Journal of the National Cancer Institute*, **2013**, 105, 274-9	9.7	78

76	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, 200-9	4.7	70
75	Cancer risks for MLH1 and MSH2 mutation carriers. *Human Mutation*, **2013**, 34, 490-7	4.7	171
74	KRAS-mutation status in relation to colorectal cancer survival: the joint impact of correlated tumour markers. *British Journal of Cancer*, **2013**, 108, 1757-64	8.7	163
73	Risk of metachronous colon cancer following surgery for rectal cancer in mismatch repair gene mutation carriers. *Annals of Surgical Oncology*, **2013**, 20, 1829-36	3.1	87
72	Colorectal carcinomas with KRAS mutation are associated with distinctive morphological and molecular features. *Modern Pathology*, **2013**, 26, 825-34	9.8	106
71	Association between hypermethylation of DNA repetitive elements in white blood cell DNA and early-onset colorectal cancer. *Epigenetics*, **2013**, 8, 748-55	5.7	36
70	Germline HOXB13 p.Gly84Glu mutation and risk of colorectal cancer. *Cancer Epidemiology*, **2013**, 37, 424-28	2.8	21
69	Telomere length varies by DNA extraction method: implications for epidemiologic research. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 2047-54	4	81
68	Detection of large scale 3Q deletions in the PMS2 gene amongst Colon-CFR participants: have we been missing anything?. *Familial Cancer*, **2013**, 12, 563-6	3	13
67	Family history of colorectal cancer in BRAF p.V600E-mutated colorectal cancer cases. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 917-26	4	22
66	Immunophenotypic analysis of ovarian endometrioid adenocarcinoma: correlation with KRAS mutation and the presence of endometriosis. *Pathology*, **2013**, 45, 559-66	1.6	15
65	BRAFV600E immunohistochemistry facilitates universal screening of colorectal cancers for Lynch syndrome. *American Journal of Surgical Pathology*, **2013**, 37, 1592-602	6.7	112
64	Absence of PMS2 mutations in colon-CFR participants whose colorectal cancers demonstrate unexplained loss of MLH1 expression. *Clinical Genetics*, **2013**, 83, 591-3	4	8
63	Multiplicity and molecular heterogeneity of colorectal carcinomas in individuals with serrated polyposis. *American Journal of Surgical Pathology*, **2013**, 37, 434-42	6.7	35
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6	Mutational Signature Analysis Reveals NTHL1 Deficiency to Cause a Multi-Tumor Phenotype Including a Predisposition to Colon and Breast Cancer. *SSRN Electronic Journal*,	1	1
5	Evaluating the utility of tumour mutational signatures for identifying hereditary colorectal cancer and polyposis syndrome carriers		1

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4	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study	2
3	Biological aging measures based on blood DNA methylation and risk of cancer: a prospective study	1
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1	Germline loss-of-function variants in the base-excision repair gene MBD4 cause a Mendelian recessive syndrome of adenomatous colorectal polyposis and acute myeloid leukaemia	3