Michael Hoffmeister

List of Publications by Year
in descending order

400	19,984	13099 68	17592 121
papers	citations	h-index	g-index

436	436	436	20481
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep learning can predict microsatellite instability directly from histology in gastrointestinal cancer. Nature Medicine, 2019, 25, 1054-1056.	30.7	773
2	Protection From Colorectal Cancer After Colonoscopy. Annals of Internal Medicine, 2011, 154, 22.	3.9	677
3	Effect of screening sigmoidoscopy and screening colonoscopy on colorectal cancer incidence and mortality: systematic review and meta-analysis of randomised controlled trials and observational studies. BMJ, The, 2014, 348, g2467-g2467.	6.0	637
4	Predicting survival from colorectal cancer histology slides using deep learning: A retrospective multicenter study. PLoS Medicine, 2019, 16, e1002730.	8.4	563
5	Protection From Right- and Left-Sided Colorectal Neoplasms After Colonoscopy: Population-Based Study. Journal of the National Cancer Institute, 2010, 102, 89-95.	6.3	546
6	Genome-wide association scan identifies a colorectal cancer susceptibility locus on 11q23 and replicates risk loci at 8q24 and 18q21. Nature Genetics, 2008, 40, 631-637.	21.4	542
7	Meta-analysis of genome-wide association data identifies four new susceptibility loci for colorectal cancer. Nature Genetics, 2008, 40, 1426-1435.	21.4	498
8	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	21.4	377
9	Pan-cancer image-based detection of clinically actionable genetic alterations. Nature Cancer, 2020, 1, 789-799.	13.2	343
10	Risk of progression of advanced adenomas to colorectal cancer by age and sex: estimates based on 840 149 screening colonoscopies. Gut, 2007, 56, 1585-1589.	12.1	338
11	Identification of Genetic Susceptibility Loci for Colorectal Tumors in a Genome-Wide Meta-analysis. Gastroenterology, 2013, 144, 799-807.e24.	1.3	292
12	Reduced Risk of Colorectal Cancer Up to 10 Years After Screening, Surveillance, or Diagnostic Colonoscopy. Gastroenterology, 2014, 146, 709-717.	1.3	291
13	Endothelial Notch1 Activity Facilitates Metastasis. Cancer Cell, 2017, 31, 355-367.	16.8	237
14	The IARC Perspective on Colorectal Cancer Screening. New England Journal of Medicine, 2018, 378, 1734-1740.	27.0	234
15	Determining Risk of Colorectal Cancer and Starting Age of Screening Based on Lifestyle, Environmental, and Genetic Factors. Gastroenterology, 2018, 154, 2152-2164.e19.	1.3	226
16	Large-scale genetic study in East Asians identifies six new loci associated with colorectal cancer risk. Nature Genetics, 2014, 46, 533-542.	21.4	212
17	Clinical-Grade Detection of Microsatellite Instability in Colorectal Tumors by Deep Learning. Gastroenterology, 2020, 159, 1406-1416.e11.	1.3	209
18	Topography of cancer-associated immune cells in human solid tumors. ELife, 2018, 7, .	6.0	206

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19	Colorectal cancer incidence, mortality, and stage distribution in European countries in the colorectal cancer screening era: an international population-based study. Lancet Oncology, The, 2021, 22, 1002-1013.	10.7	203
20	Gender differences in colorectal cancer: implications for age at initiation of screening. British Journal of Cancer, 2007, 96, 828-831.	6.4	195
21	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. Nature Communications, 2020, 11, 597.	12.8	193
22	Meta-analysis of new genome-wide association studies of colorectal cancer risk. Human Genetics, 2012, 131, 217-234.	3.8	183
23	Genome-wide association analyses in east Asians identify new susceptibility loci for colorectal cancer. Nature Genetics, 2013, 45, 191-196.	21.4	173
24	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. Nature Communications, 2019, 10, 2154.	12.8	172
25	Association of Aspirin and NSAID Use With Risk of Colorectal Cancer According to Genetic Variants. JAMA - Journal of the American Medical Association, 2015, 313, 1133.	7.4	171
26	Interval cancers after negative colonoscopy: population-based case-control study. Gut, 2012, 61, 1576-1582.	12.1	164
27	Does a negative screening colonoscopy ever need to be repeated?. Gut, 2005, 55, 1145-1150.	12.1	155
28	Characterization of Geneâ€“Environment Interactions for Colorectal Cancer Susceptibility Loci. Cancer Research, 2012, 72, 2036-2044.	0.9	140
29	Effect of NAT1 and NAT2 Genetic Polymorphisms on Colorectal Cancer Risk Associated with Exposure to Tobacco Smoke and Meat Consumption. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 99-107.	2.5	139
30	Genome-wide association study of colorectal cancer identifies six new susceptibility loci. Nature Communications, 2015, 6, 7138.	12.8	138
31	Low Risk of Colorectal Cancer and Advanced Adenomas More Than 10 Years After Negative Colonoscopy. Gastroenterology, 2010, 138, 870-876.	1.3	132
32	Impact of comorbidity and frailty on prognosis in colorectal cancer patients: A systematic review and meta-analysis. Cancer Treatment Reviews, 2018, 64, 30-39.	7.7	132
33	Long-Term Risk of Colorectal Cancer After Negative Colonoscopy. Journal of Clinical Oncology, 2011, 29, 3761-3767.	1.6	129
34	A Model to Determine Colorectal Cancer Risk Using Common Genetic Susceptibility Loci. Gastroenterology, 2015, 148, 1330-1339.e14.	1.3	129
35	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. Journal of the National Cancer Institute, 2019, 111, 146-157.	6.3	129
36	Circulating vitamin D concentration and risk of seven cancers: Mendelian randomisation study. BMJ: British Medical Journal, 2017, 359, j4761.	2.3	126

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37	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. American Journal of Human Genetics, 2020, 107, 432-444.	6.2	124
38	Trends in Adenoma Detection Rates During the First 10 Years of the German Screening Colonoscopy Program. Gastroenterology, 2015, 149, 356-366.e1.	1.3	123
39	Benefit finding and post-traumatic growth in long-term colorectal cancer survivors: prevalence, determinants, and associations with quality of life. British Journal of Cancer, 2011, 105, 1158-1165.	6.4	122
40	Risk of Colorectal Cancer After Detection and Removal of Adenomas at Colonoscopy: Population-Based Case-Control Study. Journal of Clinical Oncology, 2012, 30, 2969-2976.	1.6	119
41	Meat subtypes and their association with colorectal cancer: Systematic review and metaâ€analysis. International Journal of Cancer, 2016, 138, 293-302.	5.1	119
42	Cumulative impact of common genetic variants and other risk factors on colorectal cancer risk in 42â€ˆ103 individuals. Gut, 2013, 62, 871-881.	12.1	117
43	Estimating the heritability of colorectal cancer. Human Molecular Genetics, 2014, 23, 3898-3905.	2.9	114
44	Prevention, Early Detection, and Overdiagnosis of Colorectal Cancer Within 10 Years of Screening Colonoscopy in Germany. Clinical Gastroenterology and Hepatology, 2015, 13, 717-723.	4.4	114
45	Large-Scale Genome-Wide Association Study of East Asians Identifies Loci Associated With Risk for Colorectal Cancer. Gastroenterology, 2019, 156, 1455-1466.	1.3	111
46	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.	1.3	110
47	Characteristics of Early-Onset vs Late-Onset Colorectal Cancer. JAMA Surgery, 2021, 156, 865.	4.3	110
48	Plasma miRâ€122 and miRâ€200 family are prognostic markers in colorectal cancer. International Journal of Cancer, 2017, 140, 176-187.	5.1	104
49	Helicobacter pylori Infection and Colorectal Cancer Risk: Evidence From a Large Population-based Case-Control Study in Germany. American Journal of Epidemiology, 2012, 175, 441-450.	3.4	101
50	Development and Validation of a Scoring System to Identify Individuals at High Risk for Advanced Colorectal Neoplasms Who Should Undergo Colonoscopy Screening. Clinical Gastroenterology and Hepatology, 2014, 12, 478-485.	4.4	100
51	Expression of oestrogen receptor Î² and prognosis of colorectal cancer. British Journal of Cancer, 2012, 107, 831-839.	6.4	99
52	Smoking and survival of colorectal cancer patients: systematic review and meta-analysis. Annals of Oncology, 2014, 25, 1517-1525.	1.2	97
53	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. Gastroenterology, 2016, 150, 1633-1645.	1.3	97
54	Sojourn Time of Preclinical Colorectal Cancer by Sex and Age: Estimates From the German National Screening Colonoscopy Database. American Journal of Epidemiology, 2011, 174, 1140-1146.	3.4	96

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55	Lack of Absent in Melanoma 2 (AIM2) expression in tumor cells is closely associated with poor survival in colorectal cancer patients. International Journal of Cancer, 2014, 135, 2387-2396.	5.1	96
56	Healthy Lifestyle Factors Associated With Lower Risk of Colorectal Cancer Irrespective of Genetic Risk. Gastroenterology, 2018, 155, 1805-1815.e5.	1.3	95
57	Natural History of Colorectal Adenomas: Birth Cohort Analysis Among 3.6 Million Participants of Screening Colonoscopy. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1043-1051.	2.5	93
58	Statin Use and Survival After Colorectal Cancer: The Importance of Comprehensive Confounder Adjustment. Journal of the National Cancer Institute, 2015, 107, djv045.	6.3	91
59	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.	1.3	90
60	Metaâ€analysis of 16 studies of the association of alcohol with colorectal cancer. International Journal of Cancer, 2020, 146, 861-873.	5.1	89
61	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	12.8	88
62	Different definitions of CpG island methylator phenotype and outcomes of colorectal cancer: a systematic review. Clinical Epigenetics, 2016, 8, 25.	4.1	83
63	Genome-Wide Diet-Gene Interaction Analyses for Risk of Colorectal Cancer. PLoS Genetics, 2014, 10, e1004228.	3.5	81
64	Male Sex and Smoking Have a Larger Impact on the Prevalence of Colorectal Neoplasia Than Family History of Colorectal Cancer. Clinical Gastroenterology and Hepatology, 2010, 8, 870-876.	4.4	79
65	Adverse events requiring hospitalization within 30 days after outpatient screening and nonscreening colonoscopies. Gastrointestinal Endoscopy, 2013, 77, 419-429.	1.0	79
66	Modifiable pathways for colorectal cancer: a mendelian randomisation analysis. The Lancet Gastroenterology and Hepatology, 2020, 5, 55-62.	8.1	79
67	Declining Bowel Cancer Incidence and Mortality in Germany: An Analysis of Time Trends in the First Ten Years After the Introduction of Screening Colonoscopy. Deutsches Ärzteblatt International, 2016, 113, 101-6.	0.9	78
68	Swarm learning for decentralized artificial intelligence in cancer histopathology. Nature Medicine, 2022, 28, 1232-1239.	30.7	77
69	Stageâ€specific associations between beta blocker use and prognosis after colorectal cancer. Cancer, 2014, 120, 1178-1186.	4.1	76
70	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. BMC Medicine, 2020, 18, 396.	5.5	76
71	Assessment of polygenic architecture and risk prediction based on common variants across fourteen cancers. Nature Communications, 2020, 11, 3353.	12.8	75
72	Individual and joint use of statins and low-dose aspirin and risk of colorectal cancer: A population-based caseâ€“control study. International Journal of Cancer, 2007, 121, 1325-1330.	5.1	72

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73	Beta blockers and cancer prognosis â€“ The role of immortal time bias: A systematic review and meta-analysis. Cancer Treatment Reviews, 2016, 47, 1-11.	7.7	72
74	Strongly enhanced colorectal cancer risk stratification by combining family history and genetic risk score. Clinical Epidemiology, 2018, Volume 10, 143-152.	3.0	72
75	Lifestyle factors and risk of sporadic colorectal cancer by microsatellite instability status: a systematic review and meta-analyses. Annals of Oncology, 2018, 29, 825-834.	1.2	71
76	Gastrointestinal cancer classification and prognostication from histology using deep learning: Systematic review. European Journal of Cancer, 2021, 155, 200-215.	2.8	70
77	Role of Colonoscopy and Polyp Characteristics in Colorectal Cancer After Colonoscopic Polyp Detection. Annals of Internal Medicine, 2012, 157, 225.	3.9	68
78	Mendelian Randomization Study of Body Mass Index and Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1024-1031.	2.5	67
79	Association between Blood 25-Hydroxyvitamin D Levels and Survival in Colorectal Cancer Patients: An Updated Systematic Review and Meta-Analysis. Nutrients, 2018, 10, 896.	4.1	67
80	Estimation of Absolute Risk of Colorectal Cancer Based on Healthy Lifestyle, Genetic Risk, and Colonoscopy Status in a Population-Based Study. Gastroenterology, 2020, 159, 129-138.e9.	1.3	67
81	Survival of patients with symptom- and screening-detected colorectal cancer. Oncotarget, 2016, 7, 44695-44704.	1.8	65
82	Benchmarking weakly-supervised deep learning pipelines for whole slide classification in computational pathology. Medical Image Analysis, 2022, 79, 102474.	11.6	64
83	Clotting Factor Gene Polymorphisms and Colorectal Cancer Risk. Journal of Clinical Oncology, 2011, 29, 1722-1727.	1.6	62
84	Common genetic variation and survival after colorectal cancer diagnosis: a genome-wide analysis. Carcinogenesis, 2016, 37, 87-95.	2.8	62
85	The Association Between Mutations in BRAF and Colorectal Cancerâ€“Specific Survival Depends on Microsatellite Status and Tumor Stage. Clinical Gastroenterology and Hepatology, 2019, 17, 455-462.e6.	4.4	62
86	Expected reduction of colorectal cancer incidence within 8 years after introduction of the German screening colonoscopy programme: Estimates based on 1,875,708 screening colonoscopies. European Journal of Cancer, 2009, 45, 2027-2033.	2.8	60
87	Association of genetic polymorphisms in ESR2, HSD17B1, ABCB1, and SHBG genes with colorectal cancer risk. Endocrine-Related Cancer, 2011, 18, 265-276.	3.1	59
88	Genome-wide association study for colorectal cancer identifies risk polymorphisms in German familial cases and implicates MAPK signalling pathways in disease susceptibility. Carcinogenesis, 2010, 31, 1612-1619.	2.8	57
89	Effect of Type 2 Diabetes Predisposing Genetic Variants on Colorectal Cancer Risk. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E845-E851.	3.6	56
90	Mutations in POLE and survival of colorectal cancer patients â€“ link to disease stage and treatment. Cancer Medicine, 2014, 3, 1527-1538.	2.8	56

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91	Utilisation of Colorectal Cancer Screening Tests in European Countries by Type of Screening Offer: Results from the European Health Interview Survey. Cancers, 2020, 12, 1409.	3.7	56
92	Mendelian randomization study of height and risk of colorectal cancer. International Journal of Epidemiology, 2015, 44, 662-672.	1.9	55
93	Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival. Nature Communications, 2020, 11, 3644.	12.8	55
94	The â€œunnaturalâ€•history of colorectal cancer in Lynch syndrome: Lessons from colonoscopy surveillance. International Journal of Cancer, 2021, 148, 800-811.	5.1	55
95	Association of Body Mass Index With Risk of Early-Onset Colorectal Cancer: Systematic Review and Meta-Analysis. American Journal of Gastroenterology, 2021, 116, 2173-2183.	0.4	53
96	Smoking, alcohol consumption and colorectal cancer risk by molecular pathological subtypes and pathways. British Journal of Cancer, 2020, 122, 1604-1610.	6.4	52
97	Validity of Self-Reported Endoscopies of the Large Bowel and Implications for Estimates of Colorectal Cancer Risk. American Journal of Epidemiology, 2007, 166, 130-136.	3.4	51
98	Associations Between Dietary Patterns and Longitudinal Quality of Life Changes in Colorectal Cancer Patients: The ColoCare Study. Nutrition and Cancer, 2018, 70, 51-60.	2.0	51
99	Associations of Body Mass Index at Different Ages With Early-Onset Colorectal Cancer. Gastroenterology, 2022, 162, 1088-1097.e3.	1.3	50
100	Body Mass Index and Microsatellite Instability in Colorectal Cancer: A Population-based Study. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 2303-2311.	2.5	49
101	Smoking and survival of colorectal cancer patients: Population-based study from Germany. International Journal of Cancer, 2015, 137, 1433-1445.	5.1	49
102	No Evidence for Variation in Colorectal Cancer Risk Associated With Different Types of Postmenopausal Hormone Therapy. Clinical Pharmacology and Therapeutics, 2009, 86, 416-424.	4.7	48
103	Geneâ€“Environment Interaction Involving Recently Identified Colorectal Cancer Susceptibility Loci. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 1824-1833.	2.5	48
104	Weakly supervised annotationâ€free cancer detection and prediction of genotype in routine histopathology. Journal of Pathology, 2022, 256, 50-60.	4.5	48
105	Expression Analysis of Aldehyde Dehydrogenase 1A1 (ALDH1A1) in Colon and Rectal Cancer in Association with Prognosis and Response to Chemotherapy. Annals of Surgical Oncology, 2012, 19, 4193-4201.	1.5	47
106	Relationship of very low serum 25-hydroxyvitamin D3 levels with long-term survival in a large cohort of colorectal cancer patients from Germany. European Journal of Epidemiology, 2017, 32, 961-971.	5.7	47
107	Alcohol consumption and survival of colorectal cancer patients: a population-based study from Germany. American Journal of Clinical Nutrition, 2016, 103, 1497-1506.	4.7	46
108	Sex, Age, and Birth Cohort Effects in Colorectal Neoplasms. Annals of Internal Medicine, 2010, 152, 697.	3.9	45

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109	Colorectal Cancer Risk Associated with Hormone Use Varies by Expression of Estrogen Receptor-Î². Cancer Research, 2013, 73, 3306-3315.	0.9	45
110	Beta blocker use and colorectal cancer risk. Cancer, 2012, 118, 3911-3919.	4.1	44
111	Genetic variant predictors of gene expression provide new insight into risk of colorectal cancer. Human Genetics, 2019, 138, 307-326.	3.8	44
112	Associations Between Molecular Classifications of Colorectal Cancer and Patient Survival: A Systematic Review. Clinical Gastroenterology and Hepatology, 2019, 17, 402-410.e2.	4.4	44
113	Genetic architectures of proximal and distal colorectal cancer are partly distinct. Gut, 2021, 70, 1325-1334.	12.1	44
114	Polymorphisms in the insulin like growth factor 1 and IGF binding protein 3 genes and risk of colorectal cancer. Cancer Detection and Prevention, 2007, 31, 408-416.	2.1	43
115	Incidence of Colorectal Adenomas: Birth Cohort Analysis among 4.3 Million Participants of Screening Colonoscopy. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 1920-1927.	2.5	43
116	No association of CpG island methylator phenotype and colorectal cancer survival: population-based study. British Journal of Cancer, 2016, 115, 1359-1366.	6.4	43
117	Physical activity and survival of colorectal cancer patients: Populationâ€based study from Germany. International Journal of Cancer, 2017, 140, 1985-1997.	5.1	43
118	Appropriateness of Oral Anticoagulants for the Long-Term Treatment of Atrial Fibrillation in Older People: Results of an Evidence-Based Review and International Consensus Validation Process (OAC-FORTA 2016). Drugs and Aging, 2017, 34, 499-507.	2.7	43
119	Case-Control Study Supports Extension of Surveillance Interval After Colonoscopic Polypectomy to at Least 5 Yr. American Journal of Gastroenterology, 2007, 102, 1739-1744.	0.4	42
120	Potential for Colorectal Cancer Prevention of Sigmoidoscopy Versus Colonoscopy: Population-Based Case Control Study. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 494-499.	2.5	42
121	Plasma metabolites associated with colorectal cancer: A discoveryâ€replication strategy. International Journal of Cancer, 2019, 145, 1221-1231.	5.1	42
122	The HMGB1 protein induces a metabolic type of tumour cell death by blocking aerobic respiration. Nature Communications, 2016, 7, 10764.	12.8	41
123	Prognostic relevance of prediagnostic weight loss and overweight at diagnosis in patients with colorectal cancer. American Journal of Clinical Nutrition, 2016, 104, 1110-1120.	4.7	40
124	DNA repair and cancer in colon and rectum: Novel players in genetic susceptibility. International Journal of Cancer, 2020, 146, 363-372.	5.1	40
125	Nongenetic Determinants of Risk forÂEarly-Onset Colorectal Cancer. JNCI Cancer Spectrum, 2021, 5, pkab029.	2.9	39
126	Eight Years of Colonoscopic Bowel Cancer Screening in Germany. Deutsches Ärzteblatt International, 2010, 107, 753-9.	0.9	39

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127	The association of cyclin D1 G870A and Eâ€cadherin Câ€160A polymorphisms with the risk of colorectal cancer in a case control study and metaâ€analysis. International Journal of Cancer, 2008, 122, 2573-2580.	5.1	38
128	Colorectal cancer screening: the time to act is now. BMC Medicine, 2015, 13, 262.	5.5	38
129	Red Meat Intake, NAT2, and Risk of Colorectal Cancer: A Pooled Analysis of 11 Studies. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 198-205.	2.5	38
130	Functional characterization of the tumor-suppressor MARCKS in colorectal cancer and its association with survival. Oncogene, 2015, 34, 1150-1159.	5.9	38
131	Genome-Wide Interaction Analyses between Genetic Variants and Alcohol Consumption and Smoking for Risk of Colorectal Cancer. PLoS Genetics, 2016, 12, e1006296.	3.5	38
132	Genetic polymorphisms in GST genes and survival of colorectal cancer patients treated with chemotherapy. Pharmacogenomics, 2010, 11, 33-41.	1.3	37
133	Single nucleotide polymorphisms in Wnt signaling and cell death pathway genes and susceptibility to colorectal cancer. Carcinogenesis, 2010, 31, 1381-1386.	2.8	37
134	Expected long-term impact of the German screening colonoscopy programme on colorectal cancer prevention: Analyses based on 4,407,971 screening colonoscopies. European Journal of Cancer, 2015, 51, 1346-1353.	2.8	37
135	Diagnostic performance of flexible sigmoidoscopy combined with fecal immunochemical test in colorectal cancer screening: meta-analysis and modeling. European Journal of Epidemiology, 2017, 32, 481-493.	5.7	37
136	Cigarette smoking and colorectal cancer risk in Germany: A population-based caseâ€“control study. International Journal of Cancer, 2006, 119, 630-635.	5.1	36
137	Identifying Novel Susceptibility Genes for Colorectal Cancer Risk From a Transcriptome-Wide Association Study of 125,478 Subjects. Gastroenterology, 2021, 160, 1164-1178.e6.	1.3	36
138	Strong Reduction of Colorectal Cancer Incidence and Mortality After Screening Colonoscopy: Prospective Cohort Study From Germany. American Journal of Gastroenterology, 2021, 116, 967-975.	0.4	36
139	Genetic polymorphisms in TP53, nonsteroidal anti-inflammatory drugs and the risk of colorectal cancer: evidence for geneâ€“environment interaction?. Pharmacogenetics and Genomics, 2007, 17, 639-645.	1.5	35
140	Family History and Age at Initiation of Colorectal Cancer Screening. American Journal of Gastroenterology, 2008, 103, 2326-2331.	0.4	35
141	Pleiotropic effects of genetic risk variants for other cancers on colorectal cancer risk: PAGE, GECCO and CCFR consortia. Gut, 2014, 63, 800-807.	12.1	35
142	Mendelian randomization analysis of C-reactive protein on colorectal cancer risk. International Journal of Epidemiology, 2019, 48, 767-780.	1.9	35
143	Genome-Wide Search for Gene-Gene Interactions in Colorectal Cancer. PLoS ONE, 2012, 7, e52535.	2.5	35
144	Death Receptor 4 Variants and Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 2002-2005.	2.5	34

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145	Ageâ€Specific Administration of Chemotherapy and Longâ€Term Quality of Life in Stage II and III Colorectal Cancer Patients: A Populationâ€Based Prospective Cohort. Oncologist, 2011, 16, 1741-1751.	3.7	34
146	SNPs in transporter and metabolizing genes as predictive markers for oxaliplatin treatment in colorectal cancer patients. International Journal of Cancer, 2016, 138, 2993-3001.	5.1	34
147	Associations of red and processed meat intake with major molecular pathological features of colorectal cancer. European Journal of Epidemiology, 2017, 32, 409-418.	5.7	34
148	Association of Aspirin and Nonsteroidal Anti-Inflammatory Drugs With Colorectal Cancer Risk by Molecular Subtypes. Journal of the National Cancer Institute, 2019, 111, 475-483.	6.3	34
149	Genome-wide DNA methylation analysis reveals a prognostic classifier for non-metastatic colorectal cancer (ProMCol classifier). Gut, 2019, 68, 101-110.	12.1	34
150	Association Between Molecular Subtypes of Colorectal Tumors and Patient Survival, Based on Pooled Analysis of 7 International Studies. Gastroenterology, 2020, 158, 2158-2168.e4.	1.3	34
151	Public health impact of colonoscopy use on colorectal cancer mortality in Germany and the United States. Gastrointestinal Endoscopy, 2018, 87, 213-221.e2.	1.0	33
152	Deep learning can predict lymph node status directly from histology in colorectal cancer. European Journal of Cancer, 2021, 157, 464-473.	2.8	32
153	Helicobacter pylori infection, interleukin-1 gene polymorphisms and the risk of colorectal cancer: Evidence from a case-control study in Germany. European Journal of Cancer, 2007, 43, 1283-1289.	2.8	31
154	Overexpression of <scp>SIX1</scp> is an independent prognostic marker in stage <scp>I</scp>â€“<scp>III</scp> colorectal cancer. International Journal of Cancer, 2015, 137, 2104-2113.	5.1	31
155	Associations of red and processed meat with survival after colorectal cancer and differences according to timing of dietary assessment. American Journal of Clinical Nutrition, 2016, 103, 192-200.	4.7	31
156	Colorectal cancer and polymorphisms in DNA repair genes WRN , RMI1 and BLM. Carcinogenesis, 2010, 31, 442-445.	2.8	30
157	Genetic Predictors of Circulating 25-Hydroxyvitamin D and Risk of Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 2037-2046.	2.5	30
158	Pre- and post-diagnostic Î²-blocker use and lung cancer survival: A population-based cohort study. Scientific Reports, 2017, 7, 2911.	3.3	30
159	A Mixed-Effects Model for Powerful Association Tests in Integrative Functional Genomics. American Journal of Human Genetics, 2018, 102, 904-919.	6.2	30
160	Blood markers of oxidative stress are strongly associated with poorer prognosis in colorectal cancer patients. International Journal of Cancer, 2020, 147, 2373-2386.	5.1	30
161	A Comprehensive Investigation on Common Polymorphisms in the MDR1/ABCB1 Transporter Gene and Susceptibility to Colorectal Cancer. PLoS ONE, 2012, 7, e32784.	2.5	30
162	Screening for Bowel Cancer: Increasing Participation via Personal Invitation. Deutsches Ärzteblatt International, 2017, 114, 87-93.	0.9	30

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163	Genetic variants in the glutathione S-transferase genes and survival in colorectal cancer patients after chemotherapy and differences according to treatment with oxaliplatin. Pharmacogenetics and Genomics, 2014, 24, 340-347.	1.5	29
164	Colonoscopy and sigmoidoscopy use among older adults in different countries: A systematic review. Preventive Medicine, 2017, 103, 33-42.	3.4	29
165	Diagnostic Performance of Guaiac-Based Fecal Occult Blood Test in Routine Screening: State-Wide Analysis from Bavaria, Germany. American Journal of Gastroenterology, 2014, 109, 427-435.	0.4	28
166	A genome-wide association study for colorectal cancer identifies a risk locus in 14q23.1. Human Genetics, 2015, 134, 1249-1262.	3.8	28
167	Identification of a common variant with potential pleiotropic effect on risk of inflammatory bowel disease and colorectal cancer. Carcinogenesis, 2015, 36, 999-1007.	2.8	28
168	Inherited variation in circadian rhythm genes and risks of prostate cancer and three other cancer sites in combined cancer consortia. International Journal of Cancer, 2017, 141, 1794-1802.	5.1	28
169	Combined effect of modifiable and non-modifiable risk factors for colorectal cancer risk in a pooled analysis of 11 population-based studies. BMJ Open Gastroenterology, 2019, 6, e000339.	2.7	28
170	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. BMC Medicine, 2020, 18, 229.	5.5	28
171	Decreasing Use of Chemotherapy in Older Patients With Stage III Colon Cancer Irrespective of Comorbidities. Journal of the National Comprehensive Cancer Network: JNCCN, 2019, 17, 1089-1099.	4.9	28
172	Head-to-Head Comparison of the Performance of 17 Risk Models for Predicting Presence of Advanced Neoplasms in Colorectal Cancer Screening. American Journal of Gastroenterology, 2019, 114, 1520-1530.	0.4	27
173	Genetically predicted circulating concentrations of micronutrients and risk of colorectal cancer among individuals of European descent: a Mendelian randomization study. American Journal of Clinical Nutrition, 2021, 113, 1490-1502.	4.7	27
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