

Robert E Schoen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127 papers	7,276 citations	40 h-index	84 g-index
147 ext. papers	9,446 ext. citations	8.1 avg, IF	5.55 L-index

#	Paper	IF	Citations
127	Detection and localization of surgically resectable cancers with a multi-analyte blood test. <i>Science</i> , 2018 , 359, 926-930	33.3	1204
126	Colorectal-cancer incidence and mortality with screening flexible sigmoidoscopy. <i>New England Journal of Medicine</i> , 2012 , 366, 2345-57	59.2	704
125	Colorectal cancer screening: a global overview of existing programmes. <i>Gut</i> , 2015 , 64, 1637-49	19.2	632
124	Identification of Genetic Susceptibility Loci for Colorectal Tumors in a Genome-Wide Meta-analysis. <i>Gastroenterology</i> , 2013 , 144, 799-807.e24	13.3	250
123	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
122	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019 , 51, 76-83	36.3	177
121	Meta-analysis of new genome-wide association studies of colorectal cancer risk. <i>Human Genetics</i> , 2012 , 131, 217-34	6.3	173
120	Utilization of surveillance colonoscopy in community practice. <i>Gastroenterology</i> , 2010 , 138, 73-81	13.3	162
119	PUMA-mediated intestinal epithelial apoptosis contributes to ulcerative colitis in humans and mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1722-32	15.9	138
118	Association of aspirin and NSAID use with risk of colorectal cancer according to genetic variants. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1133-42	27.4	135
117	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	13.3	131
116	Association of Vitamin D Level With Clinical Status in Inflammatory Bowel Disease: A 5-Year Longitudinal Study. <i>American Journal of Gastroenterology</i> , 2016 , 111, 712-9	0.7	126
115	Characterization of gene-environment interactions for colorectal cancer susceptibility loci. <i>Cancer Research</i> , 2012 , 72, 2036-44	10.1	119
114	Strategies for Colorectal Cancer Screening. <i>Gastroenterology</i> , 2020 , 158, 418-432	13.3	112
113	Insulin-like growth factor-I and insulin are associated with the presence and advancement of adenomatous polyps. <i>Gastroenterology</i> , 2005 , 129, 464-75	13.3	111
112	Genome-wide association study of colorectal cancer identifies six new susceptibility loci. <i>Nature Communications</i> , 2015 , 6, 7138	17.4	106
111	Association of Colonoscopy Adenoma Findings With Long-term Colorectal Cancer Incidence. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 2021-2031	27.4	105

110	A model to determine colorectal cancer risk using common genetic susceptibility loci. <i>Gastroenterology</i> , 2015 , 148, 1330-9.e14	13.3	89
109	Challenges in adapting existing clinical natural language processing systems to multiple, diverse health care settings. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 986-991	8.6	88
108	Estimating the heritability of colorectal cancer. <i>Human Molecular Genetics</i> , 2014 , 23, 3898-905	5.6	85
107	The yield of surveillance colonoscopy by adenoma history and time to examination. <i>Clinical Gastroenterology and Hepatology</i> , 2009 , 7, 86-92	6.9	83
106	Chemoprevention by nonsteroidal anti-inflammatory drugs eliminates oncogenic intestinal stem cells via SMAC-dependent apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20027-32	11.5	81
105	Risk factors for hospitalized gastrointestinal bleeding among older persons. Cardiovascular Health Study Investigators. <i>Journal of the American Geriatrics Society</i> , 2001 , 49, 126-33	5.6	76
104	Mesalamine did not prevent recurrent diverticulitis in phase 3 controlled trials. <i>Gastroenterology</i> , 2014 , 147, 793-802	13.3	73
103	Cost-Effectiveness and National Effects of Initiating Colorectal Cancer Screening for Average-Risk Persons at Age 45 Years Instead of 50 Years. <i>Gastroenterology</i> , 2019 , 157, 137-148	13.3	69
102	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 146-157	9.7	67
101	Winner's Curse Correction and Variable Thresholding Improve Performance of Polygenic Risk Modeling Based on Genome-Wide Association Study Summary-Level Data. <i>PLoS Genetics</i> , 2016 , 12, e1006493	6.4	67
100	Genome-wide diet-gene interaction analyses for risk of colorectal cancer. <i>PLoS Genetics</i> , 2014 , 10, e1004228	10.2	66
99	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. <i>Cancer Research</i> , 2016 , 76, 5103-14	10.1	66
98	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. <i>Gastroenterology</i> , 2016 , 150, 1633-1645	13.3	64
97	Effectiveness of flexible sigmoidoscopy screening in men and women and different age groups: pooled analysis of randomised trials. <i>BMJ, The</i> , 2017 , 356, i6673	5.9	62
96	Patterns of DNA methylation in the normal colon vary by anatomical location, gender, and age. <i>Epigenetics</i> , 2014 , 9, 492-502	5.7	50
95	Association between telephone activity and features of patients with inflammatory bowel disease. <i>Clinical Gastroenterology and Hepatology</i> , 2014 , 12, 986-94.e1	6.9	50
94	Incidence and mortality of colorectal cancer in individuals with a family history of colorectal cancer. <i>Gastroenterology</i> , 2015 , 149, 1438-1445.e1	13.3	49
93	A pooled analysis of smoking and colorectal cancer: timing of exposure and interactions with environmental factors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 1974-85	4	47

92	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	13.3	47
91	Circulating Myeloid Derived Suppressor Cells (MDSC) That Accumulate in Premalignancy Share Phenotypic and Functional Characteristics With MDSC in Cancer. <i>Frontiers in Immunology</i> , 2019 , 10, 1401	8.4	46
90	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	13.3	45
89	Colorectal cancer prevention: Immune modulation taking the stage. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018 , 1869, 138-148	11.2	43
88	Gene-environment interaction involving recently identified colorectal cancer susceptibility Loci. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 1824-33	4	40
87	Non-steroidal anti-inflammatory drug use and colorectal polyps in the Prostate, Lung, Colorectal, And Ovarian Cancer Screening Trial. <i>American Journal of Gastroenterology</i> , 2010 , 105, 2646-55	0.7	40
86	Persistent or Recurrent Anemia Is Associated With Severe and Disabling Inflammatory Bowel Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2015 , 13, 1760-6	6.9	39
85	Surveillance after positive and negative colonoscopy examinations: issues, yields, and use. <i>American Journal of Gastroenterology</i> , 2003 , 98, 1237-46	0.7	39
84	Meta-analysis of 16 studies of the association of alcohol with colorectal cancer. <i>International Journal of Cancer</i> , 2020 , 146, 861-873	7.5	39
83	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. <i>Nature Communications</i> , 2020 , 11, 597	17.4	36
82	Metformin does not reduce markers of cell proliferation in esophageal tissues of patients with Barrett's esophagus. <i>Clinical Gastroenterology and Hepatology</i> , 2015 , 13, 665-72.e1-4	6.9	35
81	Physician characteristics associated with higher adenoma detection rate. <i>Gastrointestinal Endoscopy</i> , 2018 , 87, 778-786.e5	5.2	35
80	Effect of flexible sigmoidoscopy screening on colorectal cancer incidence and mortality: long-term follow-up of the randomised US PLCO cancer screening trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 101-110	18.8	35
79	Endoscopist factors that influence serrated polyp detection: a multicenter study. <i>Endoscopy</i> , 2018 , 50, 984-992	3.4	32
78	Results of repeat sigmoidoscopy 3 years after a negative examination. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 41-8	27.4	32
77	Common genetic variation and survival after colorectal cancer diagnosis: a genome-wide analysis. <i>Carcinogenesis</i> , 2016 , 37, 87-95	4.6	31
76	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. <i>American Journal of Human Genetics</i> , 2020 , 107, 432-444	11	31
75	Public reporting of colonoscopy quality is associated with an increase in endoscopist adenoma detection rate. <i>Gastrointestinal Endoscopy</i> , 2015 , 82, 676-82	5.2	30

74	Targeting p53-dependent stem cell loss for intestinal chemoprotection. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	30
73	Genome-Wide Interaction Analyses between Genetic Variants and Alcohol Consumption and Smoking for Risk of Colorectal Cancer. <i>PLoS Genetics</i> , 2016 , 12, e1006296	6	30
72	A population-based, community estimate of total colon examination: the impact on compliance with screening for colorectal cancer. <i>American Journal of Gastroenterology</i> , 2002 , 97, 446-51	0.7	28
71	Assessing aneuploidy with repetitive element sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4858-4863	11.5	26
70	Yield of advanced adenoma and cancer based on polyp size detected at screening flexible sigmoidoscopy. <i>Gastroenterology</i> , 2006 , 131, 1683-9	13.3	26
69	A genome-wide association study for colorectal cancer identifies a risk locus in 14q23.1. <i>Human Genetics</i> , 2015 , 134, 1249-1262	6.3	25
68	BET Inhibitors Potentiate Chemotherapy and Killing of -Mutant Colon Cancer Cells via Induction of DR5. <i>Cancer Research</i> , 2019 , 79, 1191-1203	10.1	23
67	Pro: should screening colonoscopy be performed on an 88-yr-old healthy patient?. <i>American Journal of Gastroenterology</i> , 2006 , 101, 1713-5; discussion 1717-8	0.7	23
66	Variation in Pathologist Classification of Colorectal Adenomas and Serrated Polyps. <i>American Journal of Gastroenterology</i> , 2018 , 113, 431-439	0.7	22
65	Identification of a common variant with potential pleiotropic effect on risk of inflammatory bowel disease and colorectal cancer. <i>Carcinogenesis</i> , 2015 , 36, 999-1007	4.6	21
64	Colorectal cancers not detected by screening flexible sigmoidoscopy in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. <i>Gastrointestinal Endoscopy</i> , 2012 , 75, 612-20	5.2	21
63	Mcl-1 inhibition overcomes intrinsic and acquired regorafenib resistance in colorectal cancer. <i>Theranostics</i> , 2020 , 10, 8098-8110	12.1	21
62	Human Blood Autoantibodies in the Detection of Colorectal Cancer. <i>PLoS ONE</i> , 2016 , 11, e0156971	3.7	21
61	Relationship of prediagnostic body mass index with survival after colorectal cancer: Stage-specific associations. <i>International Journal of Cancer</i> , 2016 , 139, 1065-72	7.5	21
60	A Mixed-Effects Model for Powerful Association Tests in Integrative Functional Genomics. <i>American Journal of Human Genetics</i> , 2018 , 102, 904-919	11	20
59	Influence of Smoking, Body Mass Index, and Other Factors on the Preventive Effect of Nonsteroidal Anti-Inflammatory Drugs on Colorectal Cancer Risk. <i>Cancer Research</i> , 2018 , 78, 4790-4799	10.1	19
58	BID mediates selective killing of APC-deficient cells in intestinal tumor suppression by nonsteroidal antiinflammatory drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16520-5	11.5	18
57	Mendelian randomization analysis of C-reactive protein on colorectal cancer risk. <i>International Journal of Epidemiology</i> , 2019 , 48, 767-780	7.8	18

56	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. <i>BMC Medicine</i> , 2020 , 18, 396	11.4	17
55	Lack of association between adipose tissue distribution and IGF-1 and IGFBP-3 in men and women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2002 , 11, 581-6	4	17
54	CYP24A1 variant modifies the association between use of oestrogen plus progestogen therapy and colorectal cancer risk. <i>British Journal of Cancer</i> , 2016 , 114, 221-9	8.7	16
53	Identifying Novel Susceptibility Genes for Colorectal Cancer Risk From a Transcriptome-Wide Association Study of 125,478 Subjects. <i>Gastroenterology</i> , 2021 , 160, 1164-1178.e6	13.3	15
52	Incidence of interval colorectal cancer attributable to an endoscopist in clinical practice. <i>Gastrointestinal Endoscopy</i> , 2018 , 88, 705-711.e1	5.2	14
51	Differential expression of circulating microRNAs according to severity of colorectal neoplasia. <i>Translational Research</i> , 2015 , 166, 225-232	11	14
50	Recommendations for a step-wise comparative approach to the evaluation of new screening tests for colorectal cancer. <i>Cancer</i> , 2016 , 122, 826-39	6.4	13
49	DNA repair and cancer in colon and rectum: Novel players in genetic susceptibility. <i>International Journal of Cancer</i> , 2020 , 146, 363-372	7.5	13
48	Adenoma Detection Rate Falls at the End of the Day in a Large Multi-site Sample. <i>Digestive Diseases and Sciences</i> , 2018 , 63, 856-859	4	11
47	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 2020 , 18, 229	11.4	11
46	Combined effect of modifiable and non-modifiable risk factors for colorectal cancer risk in a pooled analysis of 11 population-based studies. <i>BMJ Open Gastroenterology</i> , 2019 , 6, e000339	3.9	10
45	Early detection versus primary prevention in the PLCO flexible sigmoidoscopy screening trial: Which has the greatest impact on mortality?. <i>Cancer</i> , 2017 , 123, 4815-4822	6.4	9
44	No evidence of gene-calcium interactions from genome-wide analysis of colorectal cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2971-6	4	9
43	Leptin gene variants and colorectal cancer risk: Sex-specific associations. <i>PLoS ONE</i> , 2018 , 13, e0206519	3.7	9
42	Colorectal cancer incidence by age among patients undergoing surveillance colonoscopy. <i>JAMA Internal Medicine</i> , 2015 , 175, 858-60	11.5	8
41	AGA White Paper: Roadmap for the Future of Colorectal Cancer Screening in the United States. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 2667-2678.e2	6.9	8
40	Contribution of Surveillance Colonoscopy to Colorectal Cancer Prevention. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 2937-2944.e1	6.9	8
39	Colonoscopy quality requisites for selecting surveillance intervals: A World Endoscopy Organization Delphi Recommendation. <i>Digestive Endoscopy</i> , 2018 , 30, 750-759	3.7	8

38	Enrichment of colorectal cancer associations in functional regions: Insight for using epigenomics data in the analysis of whole genome sequence-imputed GWAS data. <i>PLoS ONE</i> , 2017 , 12, e0186518	3.7	7
37	Design and utilization of the colorectal and pancreatic neoplasm virtual biorepository: An early detection research network initiative. <i>Journal of Pathology Informatics</i> , 2010 , 1, 22	4.4	7
36	EIF4E S209 phosphorylation licenses myc- and stress-driven oncogenesis. <i>ELife</i> , 2020 , 9,	8.9	7
35	Prevalence of colorectal cancer and advanced adenoma in patients with acute diverticulitis: implications for follow-up colonoscopy. <i>Gastrointestinal Endoscopy</i> , 2020 , 91, 634-640	5.2	7
34	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , 2021 , 70, 1325-1334	9.2	7
33	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	8.7	7
32	Aspirin Modulation of the Colorectal Cancer-Associated Microbe <i>Fusobacterium nucleatum</i> . <i>MBio</i> , 2021 , 12,	7.8	6
31	Association Between Endoscopist Personality and Rate of Adenoma Detection. <i>Clinical Gastroenterology and Hepatology</i> , 2019 , 17, 1571-1579.e7	6.9	6
30	Non-steroidal anti-inflammatory drugs induce immunogenic cell death in suppressing colorectal tumorigenesis. <i>Oncogene</i> , 2021 , 40, 2035-2050	9.2	6
29	Fine-Mapping of Common Genetic Variants Associated with Colorectal Tumor Risk Identified Potential Functional Variants. <i>PLoS ONE</i> , 2016 , 11, e0157521	3.7	5
28	Number of Adenomas Removed and Colorectal Cancers Prevented in Randomized Trials of Flexible Sigmoidoscopy Screening. <i>Gastroenterology</i> , 2018 , 155, 1059-1068.e2	13.3	5
27	Con: CT colonography-not yet ready for community-wide implementation. <i>American Journal of Gastroenterology</i> , 2010 , 105, 2132-7	0.7	4
26	Preneoplastic Colorectal Polyps: "I Found Them and Removed Them-Now What?". <i>Annals of Internal Medicine</i> , 2019 , 171, 667-668	8	4
25	Occurrence of Distal Colorectal Neoplasia Among Whites and Blacks Following Negative Flexible Sigmoidoscopy: An Analysis of PLCO Trial. <i>Journal of General Internal Medicine</i> , 2015 , 30, 1447-53	4	3
24	Tumor DNA as a Cancer Biomarker through the Lens of Colorectal Neoplasia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2441-2453	4	3
23	Factors associated with inadequate colorectal cancer screening with flexible sigmoidoscopy. <i>Cancer Epidemiology</i> , 2012 , 36, 395-9	2.8	3
22	Telomere Maintenance Variants and Survival after Colorectal Cancer: Smoking- and Sex-Specific Associations. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1817-1824	4	2
21	Screening intervals for colonic neoplasia. <i>Current Opinion in Gastroenterology</i> , 2003 , 19, 51-6	3	2

20	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	4	2
19	Association Between Smoking and Molecular Subtypes of Colorectal Cancer. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkab056	4.6	2
18	Accuracy of Self-reported Colonic Polyps: Results from the Prostate, Lung, Colorectal, and Ovarian Screening Trial Study of Colonoscopy Utilization. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 982-989	4	1
17	Peripancreatic enhancing lesion in a cirrhotic patient. <i>Gastroenterology</i> , 2014 , 146, 35, 324-5	13.3	1
16	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. <i>Nutrients</i> , 2021 , 13,	6.7	1
15	Response to Li and Hopper. <i>American Journal of Human Genetics</i> , 2021 , 108, 527-529	11	1
14	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	4	1
13	Prevalence of intratumoral regulatory T cells expressing neuropilin-1 is associated with poorer outcomes in patients with cancer. <i>Science Translational Medicine</i> , 2021 , 13, eabf8495	17.5	1
12	Sex differences in the impact of Affordable Care Act Medicaid expansion on colorectal cancer screening. <i>Preventive Medicine</i> , 2020 , 138, 106171	4.3	0
11	Screening For Colorectal Cancer in the Age of Simulation Models: A Historical Lens. <i>Gastroenterology</i> , 2020 , 159, 1201-1204	13.3	0
10	Meeting Report: Translational Advances in Cancer Prevention Agent Development Meeting. <i>Journal of Cancer Prevention</i> , 2021 , 26, 71-82	3	0
9	Smoking Behavior and Prognosis After Colorectal Cancer Diagnosis: A Pooled Analysis of 11 Studies. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkab077	4.6	0
8	Targeting Myc-driven stress vulnerability in mutant KRAS colorectal cancer.. <i>Molecular Biomedicine</i> , 2022 , 3, 10	3.1	0
7	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 , OF1-OF13	4	0
6	Response. <i>Gastrointestinal Endoscopy</i> , 2019 , 89, 896-897	5.2	
5	Reply to GASTRO-D-19-00808. <i>Gastroenterology</i> , 2019 ,	13.3	
4	Genetic Variants in the Regulatory T cell-Related Pathway and Colorectal Cancer Prognosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2719-2728	4	
3	DCC and RET pathway analysis to identify factors associated with advanced colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 457-457	2.2	

- 2 Fighting Prejudice and Absorbing Refugees From Nazism: The National Committee for the Resettlement of Foreign Physicians, 1939-1945. *Annals of Internal Medicine*, **2021**, 174, 680-686 8
- 1 Genetic Predictors of Circulating 25-Hydroxyvitamin D and Prognosis after Colorectal Cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 1128-1134 4