

Stephen B Gruber

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

7,216
citations

100601

38
h-index

71088

80
g-index

94
all docs

94
docs citations

94
times ranked

12695
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsatellite instability in colorectal cancer—the stable evidence. <i>Nature Reviews Clinical Oncology</i> , 2010, 7, 153-162.	12.5	736
2	Statins and the Risk of Colorectal Cancer. <i>New England Journal of Medicine</i> , 2005, 352, 2184-2192.	13.9	706
3	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019, 51, 76-87.	9.4	377
4	Identification of Genetic Susceptibility Loci for Colorectal Tumors in a Genome-Wide Meta-analysis. <i>Gastroenterology</i> , 2013, 144, 799-807.e24.	0.6	292
5	The OncoArray Consortium: A Network for Understanding the Genetic Architecture of Common Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 126-135.	1.1	278
6	Cancer Risks Associated With Germline <i>PALB2</i> Pathogenic Variants: An International Study of 524 Families. <i>Journal of Clinical Oncology</i> , 2020, 38, 674-685.	0.8	270
7	Tumor-Infiltrating Lymphocyte Grade in Primary Melanomas Is Independently Associated With Melanoma-Specific Survival in the Population-Based Genes, Environment and Melanoma Study. <i>Journal of Clinical Oncology</i> , 2013, 31, 4252-4259.	0.8	232
8	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.	0.6	226
9	Large-scale genetic study in East Asians identifies six new loci associated with colorectal cancer risk. <i>Nature Genetics</i> , 2014, 46, 533-542.	9.4	212
10	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. <i>Nature Communications</i> , 2020, 11, 597.	5.8	193
11	Meta-analysis of new genome-wide association studies of colorectal cancer risk. <i>Human Genetics</i> , 2012, 131, 217-234.	1.8	183
12	The Prognostic Implications of Tumor Infiltrating Lymphocytes in Colorectal Cancer: A Systematic Review and Meta-Analysis. <i>Scientific Reports</i> , 2020, 10, 3360.	1.6	172
13	Association Between <i>NRAS</i> and <i>BRAF</i> Mutational Status and Melanoma-Specific Survival Among Patients With Higher-Risk Primary Melanoma. <i>JAMA Oncology</i> , 2015, 1, 359.	3.4	164
14	Tumor-Infiltrating Lymphocytes, Crohn's-Like Lymphoid Reaction, and Survival From Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	3.0	162
15	Comparison of Clinicopathologic Features and Survival of Histopathologically Amelanotic and Pigmented Melanomas. <i>JAMA Dermatology</i> , 2014, 150, 1306.	2.0	142
16	Genome-wide association study of colorectal cancer identifies six new susceptibility loci. <i>Nature Communications</i> , 2015, 6, 7138.	5.8	138
17	A Model to Determine Colorectal Cancer Risk Using Common Genetic Susceptibility Loci. <i>Gastroenterology</i> , 2015, 148, 1330-1339.e14.	0.6	129
18	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 146-157.	3.0	129

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19	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. <i>American Journal of Human Genetics</i> , 2020, 107, 432-444.	2.6	124
20	Large-Scale Genome-Wide Association Study of East Asians Identifies Loci Associated With Risk for Colorectal Cancer. <i>Gastroenterology</i> , 2019, 156, 1455-1466.	0.6	111
21	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.	0.6	110
22	Ovarian and Breast Cancer Risks Associated With Pathogenic Variants in <i>RAD51C</i> and <i>RAD51D</i> . <i>Journal of the National Cancer Institute</i> , 2020, 112, 1242-1250.	3.0	106
23	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. <i>Gastroenterology</i> , 2016, 150, 1633-1645.	0.6	97
24	Transcriptome Profiling Identifies HMGA2 as a Biomarker of Melanoma Progression and Prognosis. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2585-2592.	0.3	96
25	Polymorphisms in nucleotide excision repair genes and risk of multiple primary melanoma: the Genes Environment and Melanoma Study. <i>Carcinogenesis</i> , 2006, 27, 610-618.	1.3	92
26	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.	0.6	90
27	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019, 10, 431.	5.8	88
28	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. <i>BMC Medicine</i> , 2020, 18, 396.	2.3	76
29	Assessment of polygenic architecture and risk prediction based on common variants across fourteen cancers. <i>Nature Communications</i> , 2020, 11, 3353.	5.8	75
30	Trans-ethnic genome-wide association study of colorectal cancer identifies a new susceptibility locus in <i>VTG1A</i> . <i>Nature Communications</i> , 2014, 5, 4613.	5.8	72
31	Genetic variation in 8q24 associated with risk of colorectal cancer. <i>Cancer Biology and Therapy</i> , 2007, 6, 1143-1147.	1.5	70
32	Coffee Consumption and the Risk of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 634-639.	1.1	68
33	Increased yield of actionable mutations using multi-gene panels to assess hereditary cancer susceptibility in an ethnically diverse clinical cohort. <i>Cancer Genetics</i> , 2016, 209, 130-137.	0.2	68
34	A design for cancer case-control studies using only incident cases: experience with the GEM study of melanoma. <i>International Journal of Epidemiology</i> , 2006, 35, 756-764.	0.9	67
35	A Cross-Cancer Genetic Association Analysis of the DNA Repair and DNA Damage Signaling Pathways for Lung, Ovary, Prostate, Breast, and Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 193-200.	1.1	66
36	Vitamin D receptor polymorphisms in patients with cutaneous melanoma. <i>International Journal of Cancer</i> , 2012, 130, 405-418.	2.3	61

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37	CDKN2A Germline Mutations in Individuals with Cutaneous Malignant Melanoma. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1234-1243.	0.3	50
38	Quantifying the Genetic Correlation between Multiple Cancer Types. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1427-1435.	1.1	48
39	Clinicopathologic Features of Incident and Subsequent Tumors in Patients with Multiple Primary Cutaneous Melanomas. <i>Annals of Surgical Oncology</i> , 2012, 19, 1024-1033.	0.7	45
40	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , 2021, 70, 1325-1334.	6.1	44
41	Telomere structure and maintenance gene variants and risk of five cancer types. <i>International Journal of Cancer</i> , 2016, 139, 2655-2670.	2.3	43
42	Nongenetic Determinants of Risk for Early-Onset Colorectal Cancer. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab029.	1.4	39
43	Inherited Genetic Variants Associated with Occurrence of Multiple Primary Melanoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 992-997.	1.1	36
44	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.	0.6	36
45	Associations Between Glycemic Traits and Colorectal Cancer: A Mendelian Randomization Analysis. <i>Journal of the National Cancer Institute</i> , 2022, 114, 740-752.	3.0	35
46	A novel colorectal cancer risk locus at 4q32.2 identified from an international genome-wide association study. <i>Carcinogenesis</i> , 2014, 35, 2512-2519.	1.3	30
47	A homozygous PMS2 founder mutation with an attenuated constitutional mismatch repair deficiency phenotype. <i>Journal of Medical Genetics</i> , 2015, 52, 348-352.	1.5	30
48	Unexpected CDH1 Mutations Identified on Multigene Panels Pose Clinical Management Challenges. <i>JCO Precision Oncology</i> , 2017, 1, 1-12.	1.5	29
49	A genome-wide association study for colorectal cancer identifies a risk locus in 14q23.1. <i>Human Genetics</i> , 2015, 134, 1249-1262.	1.8	28
50	Association of Interferon Regulatory Factor-4 Polymorphism rs12203592 With Divergent Melanoma Pathways. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw004.	3.0	28
51	Inherited variation in circadian rhythm genes and risks of prostate cancer and three other cancer sites in combined cancer consortia. <i>International Journal of Cancer</i> , 2017, 141, 1794-1802.	2.3	28
52	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 2020, 18, 229.	2.3	28
53	Genetically predicted circulating concentrations of micronutrients and risk of colorectal cancer among individuals of European descent: a Mendelian randomization study. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1490-1502.	2.2	27
54	Sun Exposure and Melanoma Survival: A GEM Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2145-2152.	1.1	26

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55	Mendelian Randomization of Circulating Polyunsaturated Fatty Acids and Colorectal Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 860-870.	1.1	26
56	Familial aggregation of melanoma risks in a large population-based sample of melanoma cases. <i>Cancer Causes and Control</i> , 2004, 15, 957-965.	0.8	26
57	Lymphocytic infiltration in stage II microsatellite stable colorectal tumors: A retrospective prognosis biomarker analysis. <i>PLoS Medicine</i> , 2020, 17, e1003292.	3.9	25
58	Variants in autophagy-related genes and clinical characteristics in melanoma: a population-based study. <i>Cancer Medicine</i> , 2016, 5, 3336-3345.	1.3	23
59	Inherited Variation at MC1R and Histological Characteristics of Primary Melanoma. <i>PLoS ONE</i> , 2015, 10, e0119920.	1.1	22
60	R726L androgen receptor mutation is uncommon in prostate cancer families in the united states. <i>Prostate</i> , 2003, 54, 306-309.	1.2	19
61	Outcomes of Chemotherapy for Microsatellite Instable-High Metastatic Colorectal Cancers. <i>JCO Precision Oncology</i> , 2018, 2, 1-10.	1.5	15
62	Causal Effects of Lifetime Smoking on Breast and Colorectal Cancer Risk: Mendelian Randomization Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 953-964.	1.1	15
63	Risk Stratification for Early-Onset Colorectal Cancer Using a Combination of Genetic and Environmental Risk Scores: An International Multi-Center Study. <i>Journal of the National Cancer Institute</i> , 2022, , .	3.0	15
64	Association of Body Mass Index With Colorectal Cancer Risk by Genome-Wide Variants. <i>Journal of the National Cancer Institute</i> , 2021, 113, 38-47.	3.0	14
65	MicroRNA Polymorphisms and Risk of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 65-72.	1.1	11
66	Nevus count associations with pigmented phenotype, histopathological melanoma characteristics and survival from melanoma. <i>International Journal of Cancer</i> , 2016, 139, 1217-1222.	2.3	11
67	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.	1.1	10
68	Tumor immune infiltration estimated from gene expression profiles predicts colorectal cancer relapse. <i>Oncolmmunology</i> , 2021, 10, 1862529.	2.1	9
69	Functional informed genome-wide interaction analysis of body mass index, diabetes and colorectal cancer risk. <i>Cancer Medicine</i> , 2020, 9, 3563-3573.	1.3	7
70	A general framework for functionally informed set-based analysis: Application to a large-scale colorectal cancer study. <i>PLoS Genetics</i> , 2020, 16, e1008947.	1.5	6
71	Association of Known Melanoma Risk Factors with Primary Melanoma of the Scalp and Neck. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2203-2210.	1.1	6
72	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.	1.1	6

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73	Response to Li and Hopper. American Journal of Human Genetics, 2021, 108, 527-529.	2.6	5
74	Inhibition of poly(ADP-ribose) polymerase induces synthetic lethality in BRIP1 deficient ovarian epithelial cells. Gynecologic Oncology, 2020, 159, 869-876.	0.6	3
75	Rare Variants in the DNA Repair Pathway and the Risk of Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 895-903.	1.1	3
76	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. Nutrients, 2021, 13, 4164.	1.7	3
77	Large-scale Integrated Analysis of Genetics and Metabolomic Data Reveals Potential Links Between Lipids and Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1216-1226.	1.1	3
78	Statistical methods for Mendelian models with multiple genes and cancers. Genetic Epidemiology, 2022, 46, 395-414.	0.6	3
79	The City of Hope POSEIDON enterprise-wide platform for real-world data and evidence in cancer.. Journal of Clinical Oncology, 2021, 39, e18813-e18813.	0.8	2
80	A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. PLoS ONE, 2016, 11, e0146435.	1.1	2
81	Disease-Associated Risk Variants in <i>ANRIL</i> Are Associated with Tumor-Infiltrating Lymphocyte Presence in Primary Melanomas in the Population-Based GEM Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2309-2316.	1.1	2
82	Inherited Melanoma Risk Variants Associated with Histopathologically Amelanotic Melanoma. Journal of Investigative Dermatology, 2020, 140, 918-922.e7.	0.3	1
83	Exploratory Genome-Wide Interaction Analysis of Nonsteroidal Anti-inflammatory Drugs and Predicted Gene Expression on Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1800-1808.	1.1	1
84	Differences in Melanoma Between Canada and New South Wales, Australia: A Population-Based Genes, Environment, and Melanoma (GEM) Study. JID Innovations, 2021, 1, 100002.	1.2	1
85	Safety of multiplex gene testing for inherited cancer risk: Interim analysis of a clinical trial.. Journal of Clinical Oncology, 2016, 34, 1503-1503.	0.8	1
86	Cancer risk and overall survival in APC I1307K carriers.. Journal of Clinical Oncology, 2020, 38, 1592-1592.	0.8	1
87	Association of Melanoma-Risk Variants with Primary Melanoma Tumor Prognostic Characteristics and Melanoma-Specific Survival in the GEM Study. Current Oncology, 2021, 28, 4756-4771.	0.9	1
88	Prospective genomic testing of unselected cancer patients yields insights about cancer susceptibility and noncancer disease with therapeutic implications.. Journal of Clinical Oncology, 2021, 39, 10603-10603.	0.8	0
89	Identification and functional characterization of a novel MUTYH gene mutation.. Journal of Clinical Oncology, 2012, 30, e12026-e12026.	0.8	0
90	Yield of multiplex panel testing compared to expert opinion and validated prediction models.. Journal of Clinical Oncology, 2016, 34, 1509-1509.	0.8	0

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91	Advancing precision medicine in clinical oncology: Whole exome paired tumor-normal DNA and RNA sequencing at a single-institution cancer center.. Journal of Clinical Oncology, 2020, 38, e14006-e14006.	0.8	0
92	OUP accepted manuscript. Journal of the National Cancer Institute, 2022, , .	3.0	0
93	Comprehensive genomic profiling to identify gene alterations in DNA repair pathway across solid tumors.. Journal of Clinical Oncology, 2022, 40, 3124-3124.	0.8	0