

# Susan M Farrington

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

11,521  
citations

53939

47  
h-index

33145

104  
g-index

114  
all docs

114  
docs citations

114  
times ranked

17563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bidirectional Mendelian randomisation analysis of the relationship between circulating vitamin D concentration and colorectal cancer risk. <i>International Journal of Cancer</i> , 2022, 150, 303-307.	2.3	13
2	Development of Preclinical Ultrasound Imaging Techniques to Identify and Image Sentinel Lymph Nodes in a Cancerous Animal Model. <i>Cancers</i> , 2022, 14, 561.	1.7	9
3	Phenome-wide association study (PheWAS) of colorectal cancer risk SNP effects on health outcomes in UK Biobank. <i>British Journal of Cancer</i> , 2022, 126, 822-830.	2.9	4
4	Vitamin D treatment induces in vitro and ex vivo transcriptomic changes indicating anti-tumor effects. <i>FASEB Journal</i> , 2022, 36, e22082.	0.2	6
5	Modelling of magnetic microbubbles to evaluate contrast enhanced magnetomotive ultrasound in lymph nodes – a pre-clinical study. <i>British Journal of Radiology</i> , 2022, 95, 20211128.	1.0	2
6	Replication of 15 loci involved in human plasma protein N-glycosylation in 4802 samples from four cohorts. <i>Glycobiology</i> , 2021, 31, 82-88.	1.3	15
7	Aspirin Rescues Wnt-Driven Stem-like Phenotype in Human Intestinal Organoids and Increases the Wnt Antagonist Dickkopf-1. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 465-489.	2.3	15
8	Colorectal cancer risk variants rs10161980 and rs7495132 are associated with cancer survival outcome by a recessive mode of inheritance. <i>International Journal of Cancer</i> , 2021, 148, 2774-2778.	2.3	7
9	Lack of an association between gallstone disease and bilirubin levels with risk of colorectal cancer: a Mendelian randomisation analysis. <i>British Journal of Cancer</i> , 2021, 124, 1169-1174.	2.9	6
10	Genetically predicted physical activity levels are associated with lower colorectal cancer risk: a Mendelian randomisation study. <i>British Journal of Cancer</i> , 2021, 124, 1330-1338.	2.9	17
11	Differential genetic influences over colorectal cancer risk and gene expression in large bowel mucosa. <i>International Journal of Cancer</i> , 2021, 149, 1100-1108.	2.3	7
12	Gene Co-Expression Network Analysis Identifies Vitamin D-Associated Gene Modules in Adult Normal Rectal Epithelium Following Supplementation. <i>Frontiers in Genetics</i> , 2021, 12, 783970.	1.1	3
13	Modifiable pathways for colorectal cancer: a mendelian randomisation analysis. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 55-62.	3.7	79
14	The effect of vitamin D supplementation on survival in patients with colorectal cancer: systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Cancer</i> , 2020, 123, 1705-1712.	2.9	67
15	Prediction of colorectal cancer risk based on profiling with common genetic variants. <i>International Journal of Cancer</i> , 2020, 147, 3431-3437.	2.3	17
16	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020, 6, eaax0301.	4.7	90
17	Systematic meta-analyses, field synopsis and global assessment of the evidence of genetic association studies in colorectal cancer. <i>Gut</i> , 2020, 69, 1460-1471.	6.1	27
18	A Systematic Analysis of Interactions between Environmental Risk Factors and Genetic Variation in Susceptibility to Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1145-1153.	1.1	16

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19	Effects of common genetic variants associated with colorectal cancer risk on survival outcomes after diagnosis: A large population-based cohort study. <i>International Journal of Cancer</i> , 2019, 145, 2427-2432.	2.3	11
20	Phenome-wide Mendelian-randomization study of genetically determined vitamin D on multiple health outcomes using the UK Biobank study. <i>International Journal of Epidemiology</i> , 2019, 48, 1425-1434.	0.9	61
21	Performance of prediction models on survival outcomes of colorectal cancer with surgical resection: A systematic review and meta-analysis. <i>Surgical Oncology</i> , 2019, 29, 196-202.	0.8	20
22	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. <i>Nature Communications</i> , 2019, 10, 2154.	5.8	172
23	Defining the genetic control of human blood plasma N-glycome using genome-wide association study. <i>Human Molecular Genetics</i> , 2019, 28, 2062-2077.	1.4	40
24	Higher Post-Operative Serum Vitamin D Level is Associated with Better Survival Outcome in Colorectal Cancer Patients. <i>Nutrition and Cancer</i> , 2019, 71, 1078-1085.	0.9	18
25	Head-to-Head Comparison of Family History of Colorectal Cancer and a Genetic Risk Score for Colorectal Cancer Risk Stratification. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00106.	1.3	4
26	Contrast-enhanced magnetomotive ultrasound imaging (CE-MMUS) for colorectal cancer staging: Assessment of sensitivity and resolution to detect alterations in tissue stiffness. , 2019, , .		7
27	A Comprehensive Study of the Effect on Colorectal Cancer Survival of Common Germline Genetic Variation Previously Linked with Cancer Prognosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1944-1946.	1.1	4
28	Physical activity and colorectal cancer risk: a two-sample Mendelian randomisation study. <i>Lancet</i> , The, 2019, 394, S101.	6.3	3
29	Gene-environment interactions and colorectal cancer risk: An umbrella review of systematic reviews and meta-analyses of observational studies. <i>International Journal of Cancer</i> , 2019, 145, 2315-2329.	2.3	47
30	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018, 9, 260.	5.8	295
31	Genome-wide association study and meta-analysis in Northern European populations replicate multiple colorectal cancer risk loci. <i>International Journal of Cancer</i> , 2018, 142, 540-546.	2.3	26
32	Coding variants in NOD-like receptors: An association study on risk and survival of colorectal cancer. <i>PLoS ONE</i> , 2018, 13, e0199350.	1.1	6
33	Genome-wide scan of the effect of common nsSNPs on colorectal cancer survival outcome. <i>British Journal of Cancer</i> , 2018, 119, 988-993.	2.9	10
34	Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study. <i>BMC Medicine</i> , 2018, 16, 142.	2.3	62
35	Plasma N-glycans in colorectal cancer risk. <i>Scientific Reports</i> , 2018, 8, 8655.	1.6	57
36	Recurrent, low-frequency coding variants contributing to colorectal cancer in the Swedish population. <i>PLoS ONE</i> , 2018, 13, e0193547.	1.1	10

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37	Mendelian randomisation implicates hyperlipidaemia as a risk factor for colorectal cancer. <i>International Journal of Cancer</i> , 2017, 140, 2701-2708.	2.3	76
38	Pro-inflammatory fatty acid profile and colorectal cancer risk: A Mendelian randomisation analysis. <i>European Journal of Cancer</i> , 2017, 84, 228-238.	1.3	81
39	Mendelian randomisation analysis strongly implicates adiposity with risk of developing colorectal cancer. <i>British Journal of Cancer</i> , 2016, 115, 266-272.	2.9	57
40	Correspondence: SEMA4A variation and risk of colorectal cancer. <i>Nature Communications</i> , 2016, 7, 10611.	5.8	7
41	IgG Glycome in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 3078-3086.	3.2	111
42	Glycosylation of plasma IgG in colorectal cancer prognosis. <i>Scientific Reports</i> , 2016, 6, 28098.	1.6	84
43	Variation at 2q35 ( <i>PNKD</i> and <i>TMBIM1</i> ) influences colorectal cancer risk and identifies a pleiotropic effect with inflammatory bowel disease. <i>Human Molecular Genetics</i> , 2016, 25, 2349-2359.	1.4	37
44	Systematic meta-analyses and field synopsis of genetic association studies in colorectal adenomas. <i>International Journal of Epidemiology</i> , 2016, 45, 186-205.	0.9	21
45	Recurrent Coding Sequence Variation Explains Only A Small Fraction of the Genetic Architecture of Colorectal Cancer. <i>Scientific Reports</i> , 2015, 5, 16286.	1.6	24
46	Meta-analysis of genome-wide association studies identifies common susceptibility polymorphisms for colorectal and endometrial cancer near SH2B3 and TSHZ1. <i>Scientific Reports</i> , 2015, 5, 17369.	1.6	35
47	A new GWAS and meta-analysis with 1000Genomes imputation identifies novel risk variants for colorectal cancer. <i>Scientific Reports</i> , 2015, 5, 10442.	1.6	109
48	Reply to F.J.S. Conway et al. <i>Journal of Clinical Oncology</i> , 2015, 33, 224-225.	0.8	1
49	Exome Sequencing to Detect Rare Variants Associated With General Cognitive Ability: A Pilot Study. <i>Twin Research and Human Genetics</i> , 2015, 18, 117-125.	0.3	7
50	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. <i>PLoS ONE</i> , 2015, 10, e0119752.	1.1	64
51	Quantification of tumour budding, lymphatic vessel density and invasion through image analysis in colorectal cancer. <i>Journal of Translational Medicine</i> , 2014, 12, 156.	1.8	42
52	Associations between dietary and lifestyle risk factors and colorectal cancer in the Scottish population. <i>European Journal of Cancer Prevention</i> , 2014, 23, 8-17.	0.6	39
53	Application of a 5-tiered scheme for standardized classification of 2,360 unique mismatch repair gene variants in the InSiGHT locus-specific database. <i>Nature Genetics</i> , 2014, 46, 107-115.	9.4	410
54	Identification of susceptibility loci for colorectal cancer in a genome-wide meta-analysis. <i>Human Molecular Genetics</i> , 2014, 23, 4729-4737.	1.4	128

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55	Plasma Vitamin D Concentration Influences Survival Outcome After a Diagnosis of Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2014, 32, 2430-2439.	0.8	128
56	Cumulative impact of common genetic variants and other risk factors on colorectal cancer risk in 42â€¹103 individuals. <i>Gut</i> , 2013, 62, 871-881.	6.1	117
57	Deciphering the genetic architecture of low-penetrance susceptibility to colorectal cancer. <i>Human Molecular Genetics</i> , 2013, 22, 5075-5082.	1.4	19
58	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	9.4	675
59	Model Selection Approach Suggests Causal Association between 25-Hydroxyvitamin D and Colorectal Cancer. <i>PLoS ONE</i> , 2013, 8, e63475.	1.1	10
60	Meta-Analysis of Mismatch Repair Polymorphisms within the Cogent Consortium for Colorectal Cancer Susceptibility. <i>PLoS ONE</i> , 2013, 8, e72091.	1.1	19
61	Evidence of Inbreeding Depression on Human Height. <i>PLoS Genetics</i> , 2012, 8, e1002655.	1.5	79
62	In vitro stability of APC gene sequences and the influence of DNA repair status. <i>Mutagenesis</i> , 2012, 27, 233-238.	1.0	3
63	Systematic Meta-Analyses and Field Synopsis of Genetic Association Studies in Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2012, 104, 1433-1457.	3.0	91
64	Statin use and association with colorectal cancer survival and risk: case control study with prescription data linkage. <i>BMC Cancer</i> , 2012, 12, 487.	1.1	39
65	A genome-wide screen in human embryonic stem cells reveals novel sites of allele-specific histone modification associated with known disease loci. <i>Epigenetics and Chromatin</i> , 2012, 5, 6.	1.8	20
66	Instrumental Variable Estimation of the Causal Effect of Plasma 25-Hydroxy-Vitamin D on Colorectal Cancer Risk: A Mendelian Randomization Analysis. <i>PLoS ONE</i> , 2012, 7, e37662.	1.1	51
67	The Association of Dietary Intake of Purine-Rich Vegetables, Sugar-Sweetened Beverages and Dairy with Plasma Urate, in a Cross-Sectional Study. <i>PLoS ONE</i> , 2012, 7, e38123.	1.1	106
68	Diet, Environmental Factors, and Lifestyle Underlie the High Prevalence of Vitamin D Deficiency in Healthy Adults in Scotland, and Supplementation Reduces the Proportion That Are Severely Deficient. <i>Journal of Nutrition</i> , 2011, 141, 1535-1542.	1.3	75
69	Fine-mapping of colorectal cancer susceptibility loci at 8q23.3, 16q22.1 and 19q13.11: refinement of association signals and use of in silico analysis to suggest functional variation and unexpected candidate target genes. <i>Human Molecular Genetics</i> , 2011, 20, 2879-2888.	1.4	56
70	Multiple Common Susceptibility Variants near BMP Pathway Loci GREM1, BMP4, and BMP2 Explain Part of the Missing Heritability of Colorectal Cancer. <i>PLoS Genetics</i> , 2011, 7, e1002105.	1.5	188
71	Meta-analysis of three genome-wide association studies identifies susceptibility loci for colorectal cancer at 1q41, 3q26.2, 12q13.13 and 20q13.33. <i>Nature Genetics</i> , 2010, 42, 973-977.	9.4	335
72	Ten Common Genetic Variants Associated with Colorectal Cancer Risk Are Not Associated with Survival after Diagnosis. <i>Clinical Cancer Research</i> , 2010, 16, 3754-3759.	3.2	36

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73	Risks of Lynch Syndrome Cancers for MSH6 Mutation Carriers. <i>Journal of the National Cancer Institute</i> , 2010, 102, 193-201.	3.0	328
74	Association between common mtDNA variants and all-cause or colorectal cancer mortality. <i>Carcinogenesis</i> , 2010, 31, 296-301.	1.3	20
75	Colorectal Cancer Susceptibility Loci in a Population-Based Study. <i>American Journal of Pathology</i> , 2010, 177, 2688-2693.	1.9	16
76	Sequencing and analysis of an Irish human genome. <i>Genome Biology</i> , 2010, 11, R91.	13.9	36
77	Effect of aspirin and NSAIDs on risk and survival from colorectal cancer. <i>Gut</i> , 2010, 59, 1670-1679.	6.1	254
78	The Search for Gene-Gene Interactions in Colorectal Cancer: Using HPC to Overcome Computational Barriers. , 2009, , .		1
79	MUTYH-Associated Polyposis and Colorectal Cancer. <i>Surgical Oncology Clinics of North America</i> , 2009, 18, 599-610.	0.6	10
80	Classification of ambiguous mutations in DNA mismatch repair genes identified in a population-based study of colorectal cancer. <i>Human Mutation</i> , 2008, 29, 367-374.	1.1	68
81	Modification of the inverse association between dietary vitamin D intake and colorectal cancer risk by a <i>FokI</i> variant supports a chemoprotective action of Vitamin D intake mediated through VDR binding. <i>International Journal of Cancer</i> , 2008, 123, 2170-2179.	2.3	54
82	Runs of Homozygosity in European Populations. <i>American Journal of Human Genetics</i> , 2008, 83, 359-372.	2.6	958
83	Runs of Homozygosity in European Populations. <i>American Journal of Human Genetics</i> , 2008, 83, 658.	2.6	13
84	A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. <i>Nature Genetics</i> , 2008, 40, 623-630.	9.4	514
85	Genome-wide association scan identifies a colorectal cancer susceptibility locus on 11q23 and replicates risk loci at 8q24 and 18q21. <i>Nature Genetics</i> , 2008, 40, 631-637.	9.4	542
86	Common genetic variants at the CRAC1 (HMPS) locus on chromosome 15q13.3 influence colorectal cancer risk. <i>Nature Genetics</i> , 2008, 40, 26-28.	9.4	277
87	Meta-analysis of genome-wide association data identifies four new susceptibility loci for colorectal cancer. <i>Nature Genetics</i> , 2008, 40, 1426-1435.	9.4	498
88	Modification of the associations between lifestyle, dietary factors and colorectal cancer risk by APC variants. <i>Carcinogenesis</i> , 2008, 29, 1774-1780.	1.3	25
89	Dietary Vitamin B6 Intake and the Risk of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 171-182.	1.1	78
90	Analysis of Germline GLI1 Variation Implicates Hedgehog Signalling in the Regulation of Intestinal Inflammatory Pathways. <i>PLoS Medicine</i> , 2008, 5, e239.	3.9	63

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91	Dietary Fatty Acids and Colorectal Cancer: A Case-Control Study. American Journal of Epidemiology, 2007, 166, 181-195.	1.6	120
92	Dietary Flavonoids and the Risk of Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 684-693.	1.1	207
93	Genome-wide association scan identifies a colorectal cancer susceptibility locus on chromosome 8q24. Nature Genetics, 2007, 39, 989-994.	9.4	676
94	Reply to Webb et al.. American Journal of Human Genetics, 2006, 79, 771.	2.6	12
95	Identification and Survival of Carriers of Mutations in DNA Mismatch-Repair Genes in Colon Cancer. New England Journal of Medicine, 2006, 354, 2751-2763.	13.9	424
96	Screening for exonic copy number mutations at MSH2 and MLH1 by MAPH. Familial Cancer, 2005, 4, 145-149.	0.9	10
97	Thyroid Cancer Susceptibility and THRA1 and BAT-40 Repeats Polymorphisms. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 638-642.	1.1	13
98	Aurora- A/STK15 T + 91A is a general low penetrance cancer susceptibility gene: a meta-analysis of multiple cancer types. Carcinogenesis, 2005, 26, 1368-1373.	1.3	132
99	Re: Association Between Biallelic and Monoallelic Germline MYH Gene Mutations and Colorectal Cancer Risk. Journal of the National Cancer Institute, 2005, 97, 320-321.	3.0	16
100	Germline Susceptibility to Colorectal Cancer Due to Base-Excision Repair Gene Defects. American Journal of Human Genetics, 2005, 77, 112-119.	2.6	268
101	Evidence for an age-related influence of microsatellite instability on colorectal cancer survival. International Journal of Cancer, 2002, 98, 844-850.	2.3	45
102	Early-onset colorectal cancer with stable microsatellite DNA and near-diploid chromosomes. Oncogene, 2001, 20, 4871-4876.	2.6	65
103	Mutation frequency in coding and non-coding repeat sequences in mismatch repair deficient cells derived from normal human tissue. Oncogene, 2001, 20, 7464-7471.	2.6	11
104	Mosaicism and Sporadic Familial Adenomatous Polyposis. American Journal of Human Genetics, 1999, 64, 653-658.	2.6	21
105	Systematic Analysis of hMSH2 and hMLH1 in Young Colon Cancer Patients and Controls. American Journal of Human Genetics, 1998, 63, 749-759.	2.6	159
106	Cancer risk associated with germline DNA mismatch repair gene mutations. Human Molecular Genetics, 1997, 6, 105-110.	1.4	593
107	Genetic instability occurs in the majority of young patients with colorectal cancer. Nature Medicine, 1995, 1, 348-352.	15.2	355
108	Genetics of colorectal cancer. , 0, , 245-267.		0