Bethany Van Guelpen

List of Publications by Year
in descending order

111 papers	5,822 citations	81743 39 h-index	88477 70 g-index
116 all docs	116 docs citations	116 times ranked	8718 citing authors

#	Article	IF	Citations
1	Body Size and Risk of Colon and Rectal Cancer in the European Prospective Investigation Into Cancer and Nutrition (EPIC). Journal of the National Cancer Institute, 2006, 98, 920-931.	3.0	485
2	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	9.4	377
3	Lifetime and baseline alcohol intake and risk of colon and rectal cancers in the European prospective investigation into cancer and nutrition (EPIC). International Journal of Cancer, 2007, 121, 2065-2072.	2.3	229
4	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. Nature Communications, 2020, 11, 597.	5.8	193
5	Colorectal cancer prognosis depends on T-cell infiltration and molecular characteristics of the tumor. Modern Pathology, 2011, 24, 671-682.	2.9	191
6	Low folate levels may protect against colorectal cancer. Gut, 2006, 55, 1461-1466.	6.1	174
7	Association Between Soft Drink Consumption and Mortality in 10 European Countries. JAMA Internal Medicine, 2019, 179, 1479.	2.6	169
8	Development and validation of a lifestyle-based model for colorectal cancer risk prediction: the LiFeCRC score. BMC Medicine, 2021, 19, 1.	2.3	164
9	The Role of the CpG Island Methylator Phenotype in Colorectal Cancer Prognosis Depends on Microsatellite Instability Screening Status. Clinical Cancer Research, 2010, 16, 1845-1855.	3.2	155
10	High intratumoral expression of fibroblast activation protein (FAP) in colon cancer is associated with poorer patient prognosis. Tumor Biology, 2013, 34, 1013-1020.	0.8	135
11	Colorectal Cancer Cells Activate Adjacent Fibroblasts Resulting in FGF1/FGFR3 Signaling and Increased Invasion. American Journal of Pathology, 2011, 178, 1387-1394.	1.9	124
12	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. American Journal of Human Genetics, 2020, 107, 432-444.	2.6	124
13	Plasma folate, vitamin B12, and homocysteine and prostate cancer risk: A prospective study. International Journal of Cancer, 2005, 113, 819-824.	2.3	116
14	Consumption of filtered and boiled coffee and the risk of incident cancer: a prospective cohort study. Cancer Causes and Control, 2010, 21, 1533-1544.	0.8	112
15	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.	0.6	110
16	Modified Mediterranean diet and survival after myocardial infarction: the EPIC-Elderly study. European Journal of Epidemiology, 2007, 22, 871-881.	2.5	93
17	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.	0.6	90
18	Eating out of home: energy, macro- and micronutrient intakes in 10 European countries. The European Prospective Investigation into Cancer and Nutrition. European Journal of Clinical Nutrition, 2009, 63, S239-S262.	1.3	84

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19	Dietary inflammatory index and risk of first myocardial infarction; a prospective population-based study. Nutrition Journal, 2017, 16, 21.	1.5	82
20	Polymorphisms in fatty acid metabolism-related genes are associated with colorectal cancer risk. Carcinogenesis, 2010, 31, 466-472.	1.3	77
21	Consumption and portion sizes of tree nuts, peanuts and seeds in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohorts from 10 European countries. British Journal of Nutrition, 2006, 96, S12-S23.	1.2	76
22	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. BMC Medicine, 2020, 18, 396.	2.3	76
23	Consumption of Fish and Long-chain n-3 Polyunsaturated Fatty Acids Is Associated With Reduced Risk of Colorectal Cancer in a Large European Cohort. Clinical Gastroenterology and Hepatology, 2020, 18, 654-666.e6.	2.4	74
24	Folate, Vitamin B 12 , and Risk of Ischemic and Hemorrhagic Stroke. Stroke, 2005, 36, 1426-1431.	1.0	72
25	Plasma Folate, Related Genetic Variants, and Colorectal Cancer Risk in EPIC. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 1328-1340.	1.1	72
26	The association of education with body mass index and waist circumference in the EPIC-PANACEA study. BMC Public Health, 2011, 11, 169.	1.2	72
27	One-Carbon Metabolism and Prostate Cancer Risk: Prospective Investigation of Seven Circulating B Vitamins and Metabolites. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1538-1543.	1.1	70
28	Association of CRP genetic variants with blood concentrations of Câ€reactive protein and colorectal cancer risk. International Journal of Cancer, 2015, 136, 1181-1192.	2.3	69
29	Validity of food frequency questionnaire estimated intakes of folate and other B vitamins in a region without folic acid fortification. European Journal of Clinical Nutrition, 2010, 64, 905-913.	1.3	68
30	Cigarette Smoking and Colorectal Cancer Risk in the European Prospective Investigation Into Cancer and Nutrition Study. Clinical Gastroenterology and Hepatology, 2011, 9, 137-144.	2.4	61
31	Low-carbohydrate, high-protein score and mortality in a northern Swedish population-based cohort. European Journal of Clinical Nutrition, 2012, 66, 694-700.	1.3	61
32	Preanalytical venous blood sampling practices demand improvement â€" A survey of test-request management, test-tube labelling and information search procedures. Clinica Chimica Acta, 2008, 391, 91-97.	0.5	59
33	Dietary intake of different types and characteristics of processed meat which might be associated with cancer risk â€" results from the 24-hour diet recalls in the European Prospective Investigation into Cancer and Nutrition (EPIC). Public Health Nutrition, 2006, 9, 449-464.	1.1	56
34	Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival. Nature Communications, 2020, 11, 3644.	5.8	55
35	Plasma folate and total homocysteine levels are associated with the risk of myocardial infarction, independently of each other and of renal function. Journal of Internal Medicine, 2009, 266, 182-195.	2.7	46
36	Oral contraceptives, reproductive history and risk of colorectal cancer in the European Prospective Investigation into Cancer and Nutrition. British Journal of Cancer, 2010, 103, 1755-1759.	2.9	46

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37	Subtypes of fruit and vegetables, variety in consumption and risk of colon and rectal cancer in the <scp>E</scp>uropean <scp>P</scp>rospective <scp>I</scp>nvestigation into <scp>C</scp>ancer and <scp>N</scp>utrition. International Journal of Cancer, 2015, 137, 2705-2714.	2.3	45
38	The inflammatory potential of diet in determining cancer risk; A prospective investigation of two dietary pattern scores. PLoS ONE, 2019, 14, e0214551.	1.1	45
39	Genetic variant predictors of gene expression provide new insight into risk of colorectal cancer. Human Genetics, 2019, 138, 307-326.	1.8	44
40	Genetic architectures of proximal and distal colorectal cancer are partly distinct. Gut, 2021, 70, 1325-1334.	6.1	44
41	Polymorphisms of methylenetetrahydrofolate reductase and the risk of prostate cancer: a nested caseâ€“control study. European Journal of Cancer Prevention, 2006, 15, 46-50.	0.6	43
42	One-carbon metabolism and CpG island methylator phenotype status in incident colorectal cancer: a nested caseâ€“referent study. Cancer Causes and Control, 2010, 21, 557-566.	0.8	39
43	Vitamin B-6 and colorectal cancer risk: a prospective population-based study using 3 distinct plasma markers of vitamin B-6 status. American Journal of Clinical Nutrition, 2017, 105, 897-904.	2.2	38
44	Dietary intake of the water-soluble vitamins B1, B2, B6, B12 and C in 10 countries in the European Prospective Investigation into Cancer and Nutrition. European Journal of Clinical Nutrition, 2009, 63, S122-S149.	1.3	37
45	Identifying Novel Susceptibility Genes for Colorectal Cancer Risk From a Transcriptome-Wide Association Study of 125,478 Subjects. Gastroenterology, 2021, 160, 1164-1178.e6.	0.6	36
46	High SMAD4 levels appear in microsatellite instability and hypermethylated colon cancers, and indicate a better prognosis. International Journal of Cancer, 2012, 131, 779-788.	2.3	35
47	The Metabolic Syndrome, Inflammation, and Colorectal Cancer Risk: An Evaluation of Large Panels of Plasma Protein Markers Using Repeated, Prediagnostic Samples. Mediators of Inflammation, 2017, 2017, 1-9.	1.4	35
48	Associations Between Glycemic Traits and Colorectal Cancer: A Mendelian Randomization Analysis. Journal of the National Cancer Institute, 2022, 114, 740-752.	3.0	35
49	Blood sample collection and patient identification demand improvement: a questionnaire study of preanalytical practices in hospital wards and laboratories. Scandinavian Journal of Caring Sciences, 2010, 24, 581-591.	1.0	33
50	Plasma mi<scp>RNA</scp> can detect colorectal cancer, but how early?. Cancer Medicine, 2018, 7, 1697-1705.	1.3	33
51	Plasma vitamin B12 concentrations and the risk of colorectal cancer: A nested caseâ€referent study. International Journal of Cancer, 2008, 122, 2057-2061.	2.3	32
52	Comparison of prognostic models to predict the occurrence of colorectal cancer in asymptomatic individuals: a systematic literature review and external validation in the EPIC and UK Biobank prospective cohort studies. Gut, 2019, 68, 672-683.	6.1	31
53	Circulating levels of inflammatory markers and DNA methylation, an analysis of repeated samples from a population based cohort. Epigenetics, 2019, 14, 649-659.	1.3	30
54	Antibiotics Use and Subsequent Risk of Colorectal Cancer: A Swedish Nationwide Population-Based Study. Journal of the National Cancer Institute, 2022, 114, 38-46.	3.0	30

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55	Dietary Folate Intake and Breast Cancer Risk: European Prospective Investigation Into Cancer and Nutrition. Journal of the National Cancer Institute, 2014, 107, dju367-dju367.	3.0	29
56	Low Folate Levels Are Associated with Reduced Risk of Colorectal Cancer in a Population with Low Folate Status. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2136-2144.	1.1	28
57	Body composition measured by computed tomography is associated with colorectal cancer survival, also in early-stage disease. Acta OncolÃ³gica, 2020, 59, 799-808.	0.8	28
58	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.	2.2	27
59	Low-carbohydrate, high-protein diet score and risk of incident cancer; a prospective cohort study. Nutrition Journal, 2013, 12, 58.	1.5	26
60	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.	0.4	26
61	Prospective study of first stroke in relation to plasma homocysteine and MTHFR 677C>T and 1298A>C genotypes and haplotypes â€“ evidence for an association with hemorrhagic stroke. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1555-62.	1.4	25
62	Identification of Novel Loci and New Risk Variant in Known Loci for Colorectal Cancer Risk in East Asians. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 477-486.	1.1	25
63	Untangling the role of one-carbon metabolism in colorectal cancer risk: a comprehensive Bayesian network analysis. Scientific Reports, 2017, 7, 43434.	1.6	24
64	Metabolic signatures of greater body size and their associations with risk of colorectal and endometrial cancers in the European Prospective Investigation into Cancer and Nutrition. BMC Medicine, 2021, 19, 101.	2.3	24
65	The reduced folate carrier (RFC1) 80G>A and folate hydrolase 1 (FOLH1) 1561C>T polymorphisms and the risk of colorectal cancer: A nested caseâ€referent study. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 393-401.	0.6	23
66	Consumption of filtered and boiled coffee and the risk of first acute myocardial infarction; a nested case/referent study. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 527-535.	1.1	23
67	Diet and lifestyle of the Sami of southern Lapland in the 1930sâ€“1950s and today. International Journal of Circumpolar Health, 2011, 70, 301-318.	0.5	23
68	Northâ€“south gradients in plasma concentrations of B-vitamins and other components of one-carbon metabolism in Western Europe: results from the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. British Journal of Nutrition, 2013, 110, 363-374.	1.2	23
69	Metabolic Signatures of Healthy Lifestyle Patterns and Colorectal Cancer Risk in a European Cohort. Clinical Gastroenterology and Hepatology, 2022, 20, e1061-e1082.	2.4	23
70	Iron Stores and HFE Genotypes Are Not Related to Increased Risk of Ischemic Stroke. Cerebrovascular Diseases, 2007, 24, 405-411.	0.8	22
71	Components of One-carbon Metabolism Other than Folate and Colorectal Cancer Risk. Epidemiology, 2016, 27, 787-796.	1.2	22
72	The MTHFR 677Câ†’T polymorphism and risk of prostate cancer: results from the CAPS study. Cancer Causes and Control, 2007, 18, 1169-1174.	0.8	21

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73	Anthropometry, physical activity and hip fractures in the elderly. Injury, 2011, 42, 188-193.	0.7	21
74	A traditional Sami diet score as a determinant of mortality in a general northern Swedish population. International Journal of Circumpolar Health, 2012, 71, 18537.	0.5	20
75	Physical activity, mediating factors and risk of colon cancer: insights into adiposity and circulating biomarkers from the EPIC cohort. International Journal of Epidemiology, 2017, 46, 1823-1835.	0.9	19
76	Patientâ€centred care â€“ preanalytical factors demand attention: A questionnaire study of venous blood sampling and specimen handling. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 836-847.	0.6	18
77	Iron Biomarkers in Plasma, HFE Genotypes, and the Risk for Colorectal Cancer in a Prospective Setting. Diseases of the Colon and Rectum, 2012, 55, 337-344.	0.7	18
78	Genetic variation in the ADIPOQ gene, adiponectin concentrations and risk of colorectal cancer: a Mendelian Randomization analysis using data from three large cohort studies. European Journal of Epidemiology, 2017, 32, 419-430.	2.5	17
79	Antibody Responses to Fusobacterium nucleatum Proteins in Prediagnostic Blood Samples are not Associated with Risk of Developing Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1552-1555.	1.1	17
80	Metabolic factors and the risk of colorectal cancer by KRAS and BRAF mutation status. International Journal of Cancer, 2019, 145, 327-337.	2.3	17
81	Dairy Products and Cancer Risk in a Northern Sweden Population. Nutrition and Cancer, 2020, 72, 409-420.	0.9	16
82	Causal Effects of Lifetime Smoking on Breast and Colorectal Cancer Risk: Mendelian Randomization Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 953-964.	1.1	15
83	Longitudinal study of body mass index, dyslipidemia, hyperglycemia, and hypertension in 60,000 men and women in Sweden and Austria. PLoS ONE, 2018, 13, e0197830.	1.1	14
84	Plasma ghrelin is probably not a useful biomarker for risk prediction or early detection of colorectal cancer. Gut, 2019, 68, 373-374.	6.1	14
85	A two-tiered targeted proteomics approach to identify pre-diagnostic biomarkers of colorectal cancer risk. Scientific Reports, 2021, 11, 5151.	1.6	14
86	Risk-Predictive and Diagnostic Biomarkers for Colorectal Cancer; a Systematic Review of Studies Using Pre-Diagnostic Blood Samples Collected in Prospective Cohorts and Screening Settings. Cancers, 2021, 13, 4406.	1.7	14
87	Prevalent diabetes and risk of total, colorectal, prostate and breast cancers in an ageing population: meta-analysis of individual participant data from cohorts of the CHANCES consortium. British Journal of Cancer, 2021, 124, 1882-1890.	2.9	13
88	Circulating Sex Hormone Levels and Colon Cancer Risk in Men: A Nested Caseâ€“Control Study and Meta-Analysis. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 793-803.	1.1	12
89	Antibody Responses to Helicobacter pylori and Risk of Developing Colorectal Cancer in a European Cohort. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1475-1481.	1.1	11
90	Targeted plasma proteomics identifies a novel, robust association between cornulin and Swedish moist snuff. Scientific Reports, 2018, 8, 2320.	1.6	10

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91	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.	1.1	10
92	Folate in colorectal cancer, prostate cancer and cardiovascular disease. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 459-473.	0.6	9
93	One-carbon metabolism biomarkers and genetic variants in relation to colorectal cancer risk by KRAS and BRAF mutation status. PLoS ONE, 2018, 13, e0196233.	1.1	9
94	Oneâ€carbon metabolite ratios as functional Bâ€vitamin markers and in relation to colorectal cancer risk. International Journal of Cancer, 2019, 144, 947-956.	2.3	9
95	Postmenopausal Hormone Therapy and Colorectal Cancer Risk by Molecularly Defined Subtypes and Tumor Location. JNCI Cancer Spectrum, 2020, 4, pkaa042.	1.4	8
96	Association between Smoking and Molecular Subtypes of Colorectal Cancer. JNCI Cancer Spectrum, 2021, 5, pkab056.	1.4	8
97	A longitudinal study of prediagnostic metabolic biomarkers and the risk of molecular subtypes of colorectal cancer. Scientific Reports, 2020, 10, 5336.	1.6	7
98	c-Met expression in primary tumors and their corresponding distant metastases. Molecular Medicine Reports, 2008, 1, 787-90.	1.1	6
99	C-reactive Protein and Future Risk of Clinical and Molecular Subtypes of Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1482-1491.	1.1	6
100	Genome-wide association study identifies tumor anatomical site-specific risk variants for colorectal cancer survival. Scientific Reports, 2022, 12, 127.	1.6	6
101	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, 31, 1077-1089.	1.1	6
102	Response to Li and Hopper. American Journal of Human Genetics, 2021, 108, 527-529.	2.6	5
103	Smoking Behavior and Prognosis After Colorectal Cancer Diagnosis: A Pooled Analysis of 11 Studies. JNCI Cancer Spectrum, 2021, 5, pkab077.	1.4	5
104	Cancer Worry Distribution and Willingness to Undergo Colonoscopy at Three Levels of Hypothetical Cancer Riskâ€"A Population-Based Survey in Sweden. Cancers, 2022, 14, 918.	1.7	4
105	Density of CD3+ and CD8+ Cells in the Microenvironment of Colorectal Cancer according to Prediagnostic Physical Activity. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2317-2326.	1.1	3
106	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. Nutrients, 2021, 13, 4164.	1.7	3
107	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
108	Pre-diagnostic C-reactive protein concentrations, CRP genetic variation and mortality among individuals with colorectal cancer in Western European populations. BMC Cancer, 2022, 22, .	1.1	3

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109	Diabetes mellitus in relation to colorectal tumor molecular subtypes â€•a pooled analysis of more than 9,000 cases. International Journal of Cancer, 2022, , .	2.3	2
110	Work-related stress was not associated with increased cancer risk in a population-based cohort setting. Cancer Epidemiology Biomarkers and Prevention, 2021, , cebp.0182.2021.	1.1	0
111	OUP accepted manuscript. Journal of the National Cancer Institute, 2022, , .	3.0	0