William M Grady

List of Publications by Citations

69 papers	5,327 citations	30 h-index	72 g-index
76 ext. papers	6,514 ext. citations	10 avg, IF	5.93 L-index

#	Paper	IF	Citations
69	Colorectal cancer. *Nature Reviews Disease Primers*, **2015**, 1, 15065	51.1	684
68	Genomic and epigenetic instability in colorectal cancer pathogenesis. *Gastroenterology*, **2008**, 135, 1079-99	19.3	666
67	Epigenetics and colorectal cancer. *Nature Reviews Gastroenterology and Hepatology*, **2011**, 8, 686-700	24.2	459
66	Epigenetic Alterations in Colorectal Cancer: Emerging Biomarkers. *Gastroenterology*, **2015**, 149, 1204-1225.e12	19.3	428
65	Methylation of the CDH1 promoter as the second genetic hit in hereditary diffuse gastric cancer. *Nature Genetics*, **2000**, 26, 16-7	36.3	369
64	Actionable exomic incidental findings in 6503 participants: challenges of variant classification. *Genome Research*, **2015**, 25, 305-15	9.7	252
63	Genetic Mechanisms of Immune Evasion in Colorectal Cancer. *Cancer Discovery*, **2018**, 8, 730-749	24.4	235
62	Colorectal cancer molecular biology moves into clinical practice. *Gut*, **2011**, 60, 116-29	19.2	235
61	Complex MSH2 and MSH6 mutations in hypermutated microsatellite unstable advanced prostate cancer. *Nature Communications*, **2014**, 5, 4988	17.4	182
60	Differences in DNA methylation signatures reveal multiple pathways of progression from adenoma to colorectal cancer. *Gastroenterology*, **2014**, 147, 418-29.e8	13.3	126
59	Discovery of methylated circulating DNA biomarkers for comprehensive non-invasive monitoring of treatment response in metastatic colorectal cancer. *Gut*, **2018**, 67, 1995-2005	19.2	119
58	Aberrantly methylated CDKN2A, MGMT, and MLH1 in colon polyps and in fecal DNA from patients with colorectal polyps. *Clinical Cancer Research*, **2005**, 11, 1203-9	12.9	114
57	CpG island methylator phenotype is associated with response to adjuvant irinotecan-based therapy for stage III colon cancer. *Gastroenterology*, **2014**, 147, 637-45	13.3	95
56	CpG island methylation of genes accumulates during the adenoma progression step of the multistep pathogenesis of colorectal cancer. *Genes Chromosomes and Cancer*, **2006**, 45, 781-9	5	88
55	Increased dietary vitamin D suppresses MAPK signaling, colitis, and colon cancer. *Cancer Research*, **2014**, 74, 4398-408	10.1	87
54	Molecular markers for colorectal cancer screening. *Gut*, **2015**, 64, 1485-94	19.2	78
53	Epigenetic biomarkers in esophageal cancer. *Cancer Letters*, **2014**, 342, 193-9	9.9	71

52	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. *Journal of the National Cancer Institute*, **2019**, 111, 146-157	9.7	67
51	Molecular alterations and biomarkers in colorectal cancer. *Toxicologic Pathology*, **2014**, 42, 124-39	2.1	62
50	NTRK3 is a potential tumor suppressor gene commonly inactivated by epigenetic mechanisms in colorectal cancer. *PLoS Genetics*, **2013**, 9, e1003552	6	59
49	Patterns of DNA methylation in the normal colon vary by anatomical location, gender, and age. *Epigenetics*, **2014**, 9, 492-502	5.7	50
48	Comparative analysis of PCR-based biomarker assay methods for colorectal polyp detection from fecal DNA. *Clinical Chemistry*, **2009**, 55, 1559-63	5.5	47
47	MethyLight droplet digital PCR for detection and absolute quantification of infrequently methylated alleles. *Epigenetics*, **2015**, 10, 803-9	5.7	45
46	The aberrant methylation of TSP1 suppresses TGF-beta1 activation in colorectal cancer. *International Journal of Cancer*, **2008**, 123, 14-21	7.5	41
45	Field cancerization in the colon: a role for aberrant DNA methylation?. *Gastroenterology Report*, **2014**, 2, 16-20	3.3	37
44	Genetic and Epigenetic Alterations in Barrett's Esophagus and Esophageal Adenocarcinoma. *Gastroenterology Clinics of North America*, **2015**, 44, 473-89	4.4	36
43	Epigenetic Alterations in the Gastrointestinal Tract: Current and Emerging Use for Biomarkers of Cancer. *Gastroenterology*, **2021**, 160, 690-709	13.3	36
42	Senescence-associated tissue microenvironment promotes colon cancer formation through the secretory factor GDF15. *Aging Cell*, **2019**, 18, e13013	9.9	35
41	Dynamic plasma microRNAs are biomarkers for prognosis and early detection of recurrence in colorectal cancer. *British Journal of Cancer*, **2017**, 117, 1202-1210	8.7	35
40	Altered RECQ Helicase Expression in Sporadic Primary Colorectal Cancers. *Translational Oncology*, **2013**, 6, 458-69	4.9	33
39	BVES regulates c-Myc stability via PP2A and suppresses colitis-induced tumourigenesis. *Gut*, **2017**, 66, 852-862	19.2	30
38	Frequent PIK3CA Mutations in Colorectal and Endometrial Tumors With 2 or More Somatic Mutations in Mismatch Repair Genes. *Gastroenterology*, **2016**, 151, 440-447.e1	13.3	29
37	Epigenetic Aging: More Than Just a Clock When It Comes to Cancer. *Cancer Research*, **2020**, 80, 367-374	10.1	29
36	Dysfunctional epigenetic aging of the normal colon and colorectal cancer risk. *Clinical Epigenetics*, **2020**, 12, 5	7.7	27
35	The ColoCare Study: A Paradigm of Transdisciplinary Science in Colorectal Cancer Outcomes. *Cancer Epidemiology Biomarkers and Prevention*, **2019**, 28, 591-601	4	27

34	A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. *PLoS Computational Biology*, **2016**, 12, e1004919	5	26
33	Subtypes of Barrett's oesophagus and oesophageal adenocarcinoma based on genome-wide methylation analysis. *Gut*, **2019**, 68, 389-399	19.2	24
32	Global DNA methylation patterns in Barrett's esophagus, dysplastic Barrett's, and esophageal adenocarcinoma are associated with BMI, gender, and tobacco use. *Clinical Epigenetics*, **2016**, 8, 111	7.7	23
31	Implications of Epigenetic Drift in Colorectal Neoplasia. *Cancer Research*, **2019**, 79, 495-504	10.1	20
30	Evaluation of CpG Island Methylator Phenotype as a Biomarker in Colorectal Cancer Treated With Adjuvant Oxaliplatin. *Clinical Colorectal Cancer*, **2016**, 15, 164-9	3.8	18
29	Use of NCCN Guidelines, Other Guidelines, and Biomarkers for Colorectal Cancer Screening. *Journal of the National Comprehensive Cancer Network: JNCCN*, **2016**, 14, 1479-1485	7.3	18
28	Comparative effectiveness of next generation genomic sequencing for disease diagnosis: design of a randomized controlled trial in patients with colorectal cancer/polyposis syndromes. *Contemporary Clinical Trials*, **2014**, 39, 1-8	2.3	16
27	Competition between TIAM1 and Membranes Balances Endophilin A3 Activity in Cancer Metastasis. *Developmental Cell*, **2018**, 45, 738-752.e6	10.2	15
26	Identification of a key role of widespread epigenetic drift in Barrett's esophagus and esophageal adenocarcinoma. *Clinical Epigenetics*, **2017**, 9, 113	7.7	14
25	Single cell lineage tracing reveals a role for TgfR2 in intestinal stem cell dynamics and differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 12192-12197	11.5	14
24	Genomic and functional characterization of a mucosal symbiont involved in early-stage colorectal cancer. *Cell Host and Microbe*, **2021**, 29, 1589-1598.e6	23.4	11
23	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps.. *Cell*, **2021**, 184, 6262-6280.e26	56.2	10
22	Predicting Barrett's Esophagus in Families: An Esophagus Translational Research Network (BETRNet) Model Fitting Clinical Data to a Familial Paradigm. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 727-35	4	9
21	AGA White Paper: Roadmap for the Future of Colorectal Cancer Screening in the United States. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 2667-2678.e2	6.9	8
20	Methylated B3GAT2 and ZNF793 Are Potential Detection Biomarkers for Barrett's Esophagus. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1890-7	4	8
19	Biomarkers for Early Detection of Colorectal Cancer: The Early Detection Research Network, a Framework for Clinical Translation. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 2431-2440	4	8
18	Risk factors for cancer-related distress in colorectal cancer survivors: one year post surgery. *Journal of Cancer Survivorship*, **2020**, 14, 305-315	5.1	7
17	WRN Promoter CpG Island Hypermethylation Does Not Predict More Favorable Outcomes for Patients with Metastatic Colorectal Cancer Treated with Irinotecan-Based Therapy. *Clinical Cancer Research*, **2016**, 22, 4612-22	12.9	7

List of Publications

16	Mendelian randomisation study of age at menarche and age at menopause and the risk of colorectal cancer. *British Journal of Cancer*, **2018**, 118, 1639-1647	8.7	7
15	DNA methylation-based signature of CD8+ tumor-infiltrating lymphocytes enables evaluation of immune response and prognosis in colorectal cancer **2021**, 9,		7
14	Barrett's Esophagus and Esophageal Adenocarcinoma Biomarkers. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 2486-2494	4	6
13	The Role of CT-Quantified Body Composition on Longitudinal Health-Related Quality of Life in Colorectal Cancer Patients: The Colocare Study. *Nutrients*, **2020**, 12,	6.7	5
12	Loss of MGA repression mediated by an atypical polycomb complex promotes tumor progression and invasiveness. *ELife*, **2021**, 10,	8.9	5
11	Context is everything for dependence receptors in colorectal cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 2697-8	11.5	4
10	Epigenetic Inactivation of Internexin Accelerates Microtubule Polymerization in Colorectal Cancer. *Cancer Research*, **2020**, 80, 5203-5215	10.1	4
9	Plasma 25-hydroxyvitamin D3, folate and vitamin B12 biomarkers among international colorectal cancer patients: a pilot study. *Journal of Nutritional Science*, **2013**, 2, e9	2.7	2
8	Chemoprevention of esophageal adenocarcinoma. *Gastroenterology Report*, **2020**, 8, 253-260	3.3	2
7	Clinical Characteristics and Outcomes of Colorectal Cancer in the ColoCare Study: Differences by Age of Onset. *Cancers*, **2021**, 13,	6.6	2
6	Epigenetic alterations in the gastrointestinal tract: Current and emerging use for biomarkers of cancer. *Advances in Cancer Research*, **2021**, 151, 425-468	5.9	2
5	Esophageal Cancer Biomarkers **2017**, 104-117		1
4	Loss of MGA mediated Polycomb repression promotes tumor progression and invasiveness		1
3	Circulating Folate and Folic Acid Concentrations: Associations With Colorectal Cancer Recurrence and Survival. *JNCI Cancer Spectrum*, **2020**, 4, pkaa051	4.6	1
2	Colorectal Cancer Is Associated with the Presence of Cancer Driver Mutations in Normal Colon.. *Cancer Research*, **2022**, 82, 1492-1502	10.1	0
1	Validation of genetic classifiers derived from mouse and human tumors to identify molecular subtypes of colorectal cancer. *Human Pathology*, **2021**, 119, 1-14	3.7	