Graeme P Young

List of Publications by Citations

134 papers	5,516 citations	42 h-index	71 g-index
154 ext. papers	6,351 ext. citations	4.8 avg, IF	5.56 L-index

#	Paper	IF	Citations
134	Colorectal cancer screening: a global overview of existing programmes. *Gut*, **2015**, 64, 1637-49	19.2	632
133	Amylase-resistant starch plus oral rehydration solution for cholera. *New England Journal of Medicine*, **2000**, 342, 308-13	59.2	197
132	Colorectal Neoplasia Differentially Expressed (CRNDE), a Novel Gene with Elevated Expression in Colorectal Adenomas and Adenocarcinomas. *Genes and Cancer*, **2011**, 2, 829-40	2.9	190
131	A synbiotic combination of resistant starch and Bifidobacterium lactis facilitates apoptotic deletion of carcinogen-damaged cells in rat colon. *Journal of Nutrition*, **2005**, 135, 996-1001	4.1	150
130	Synbiotic intervention of Bifidobacterium lactis and resistant starch protects against colorectal cancer development in rats. *Carcinogenesis*, **2010**, 31, 246-51	4.6	144
129	Evaluation of new occult blood tests for detection of colorectal neoplasia. *Gastroenterology*, **1993**, 104, 1661-8	13.3	135
128	Comparison of a brush-sampling fecal immunochemical test for hemoglobin with a sensitive guaiac-based fecal occult blood test in detection of colorectal neoplasia. *Cancer*, **2006**, 107, 2152-9	6.4	134
127	Advances in Fecal Occult Blood Tests: the FIT revolution. *Digestive Diseases and Sciences*, **2015**, 60, 609-22	4	125
126	A proposal to standardize reporting units for fecal immunochemical tests for hemoglobin. *Journal of the National Cancer Institute*, **2012**, 104, 810-4	9.7	123
125	Different fibers have different regional effects on luminal contents of rat colon. *Gastroenterology*, **1991**, 101, 1274-81	13.3	122
124	A panel of genes methylated with high frequency in colorectal cancer. *BMC Cancer*, **2014**, 14, 54	4.8	117
123	Population screening for colorectal cancer means getting FIT: the past, present, and future of colorectal cancer screening using the fecal immunochemical test for hemoglobin (FIT). *Gut and Liver* , **2014**, 8, 117-30	4.8	112
122	Dietary fibre and colorectal cancer: a model for environment--gene interactions. *Molecular Nutrition and Food Research*, **2005**, 49, 571-84	5.9	112
121	Choice of fecal occult blood tests for colorectal cancer screening: recommendations based on performance characteristics in population studies: a WHO (World Health Organization) and OMED (World Organization for Digestive Endoscopy) report. *American Journal of Gastroenterology*, **2002**, 97, 2499-507	0.7	112
120	A human, double-blind, placebo-controlled, crossover trial of prebiotic, probiotic, and synbiotic supplementation: effects on luminal, inflammatory, epigenetic, and epithelial biomarkers of colorectal cancer. *American Journal of Clinical Nutrition*, **2009**, 90, 578-86	7	108
119	Manipulation of the gut microbiota using resistant starch is associated with protection against colitis-associated colorectal cancer in rats. *Carcinogenesis*, **2016**, 37, 366-375	4.6	94
118	Effect of dietary resistant starch and protein on colonic fermentation and intestinal tumourigenesis in rats. *Carcinogenesis*, **2007**, 28, 240-5	4.6	91

117	Choice of fecal occult blood tests for colorectal cancer screening: recommendations based on performance characteristics in population studies a WHO (World Health Organization) and OMED (World Organization for Digestive Endoscopy) report. *American Journal of Gastroenterology*, **2002**, 97, 2499-2507	0.7	81
116	Effects of high-amylose maize starch and butyrylated high-amylose maize starch on azoxymethane-induced intestinal cancer in rats. *Carcinogenesis*, **2008**, 29, 2190-4	4.6	79
115	Effect of high amylose maize starches on colonic fermentation and apoptotic response to DNA-damage in the colon of rats. *Nutrition and Metabolism*, **2009**, 6, 11	4.6	73
114	Interval fecal immunochemical testing in a colonoscopic surveillance program speeds detection of colorectal neoplasia. *Gastroenterology*, **2010**, 139, 1918-26	13.3	70
113	Dietary manipulation of oncogenic microRNA expression in human rectal mucosa: a randomized trial. *Cancer Prevention Research*, **2014**, 7, 786-95	3.2	68
112	Evaluation of an assay for methylated BCAT1 and IKZF1 in plasma for detection of colorectal neoplasia. *BMC Cancer*, **2015**, 15, 654	4.8	67
111	Map of differential transcript expression in the normal human large intestine. *Physiological Genomics*, **2008**, 33, 50-64	3.6	64
110	Shift to earlier stage at diagnosis as a consequence of the National Bowel Cancer Screening Program. *Medical Journal of Australia*, **2013**, 198, 327-30	4	61
109	Contrasting effects of butyrate on the expression of phenotypic markers of differentiation in neoplastic and non-neoplastic colonic epithelial cells in vitro. *Journal of Gastroenterology and Hepatology (Australia)*, **1992**, 7, 165-72	4	61
108	Butyrate delivered by butyrylated starch increases distal colonic epithelial apoptosis in carcinogen-treated rats. *Carcinogenesis*, **2012**, 33, 197-202	4.6	60
107	A Blood Test for Methylated BCAT1 and IKZF1 vs. a Fecal Immunochemical Test for Detection of Colorectal Neoplasia. *Clinical and Translational Gastroenterology*, **2016**, 7, e137	4.2	59
106	Oral rehydration therapy in the second decade of the twenty-first century. *Current Gastroenterology Reports*, **2014**, 16, 376	5	59
105	Dietary red meat aggravates dextran sulfate sodium-induced colitis in mice whereas resistant starch attenuates inflammation. *Digestive Diseases and Sciences*, **2013**, 58, 3475-82	4	58
104	A cross-sectional study comparing a blood test for methylated BCAT1 and IKZF1 tumor-derived DNA with CEA for detection of recurrent colorectal cancer. *Cancer Medicine*, **2016**, 5, 2763-2772	4.8	58
103	Inhibition by resistant starch of red meat-induced promutagenic adducts in mouse colon. *Cancer Prevention Research*, **2011**, 4, 1920-8	3.2	57
102	Effect of dietary restriction on participation in faecal occult blood test screening for colorectal cancer. *Medical Journal of Australia*, **2001**, 175, 195-8	4	57
101	Amylase-resistant starch as adjunct to oral rehydration therapy in children with diarrhea. *Journal of Pediatric Gastroenterology and Nutrition*, **2006**, 42, 362-8	2.8	56
100	Suppression of azoxymethane-induced colon cancer development in rats by dietary resistant starch. *Cancer Biology and Therapy*, **2007**, 6, 1621-6	4.6	55

99	Folate deficiency reduces the development of colorectal cancer in rats. *Carcinogenesis*, **2000**, 21, 2261-5	4.6	54
98	Interference of Plant Peroxidases with Guaiac-based Fecal Occult Blood Tests Is Avoidable. *Clinical Chemistry*, **1999**, 45, 123-126	5.5	50
97	A two-gene blood test for methylated DNA sensitive for colorectal cancer. *PLoS ONE*, **2015**, 10, e0125043	3.7	47
96	A controlled trial of cisapride in anorexia nervosa. *International Journal of Eating Disorders*, **1995**, 17, 347-57	6.3	47
95	Applying evidence-based guidelines improves use of colonoscopy resources in patients with a moderate risk of colorectal neoplasia. *Medical Journal of Australia*, **2002**, 176, 155-7	4	43
94	Factors affecting faecal immunochemical test positive rates: demographic, pathological, behavioural and environmental variables. *Journal of Medical Screening*, **2015**, 22, 187-93	1.4	42
93	Evaluation of Methylation Biomarkers for Detection of Circulating Tumor DNA and Application to Colorectal Cancer. *Genes*, **2016**, 7,	4.2	40
92	A randomized controlled trial of glucose versus amylase resistant starch hypo-osmolar oral rehydration solution for adult acute dehydrating diarrhea. *PLoS ONE*, **2008**, 3, e1587	3.7	39
91	The Use of Circulating Tumor DNA to Monitor and Predict Response to Treatment in Colorectal Cancer. *Frontiers in Genetics*, **2019**, 10, 1118	4.5	39
90	Behavioural and demographic predictors of adherence to three consecutive faecal occult blood test screening opportunities: a population study. *BMC Public Health*, **2014**, 14, 238	4.1	38
89	Combination of selenium and green tea improves the efficacy of chemoprevention in a rat colorectal cancer model by modulating genetic and epigenetic biomarkers. *PLoS ONE*, **2013**, 8, e64362	3.7	38
88	A comparative study of the influence of differing barley brans on DMH-induced intestinal tumours in male Sprague-Dawley rats. *Journal of Gastroenterology and Hepatology (Australia)*, **1996**, 11, 113-9	4	37
87	Resistant Starch and Colorectal Neoplasia. *Journal of AOAC INTERNATIONAL*, **2004**, 87, 775-786	1.7	34
86	Haem in the gut. I. Fate of haemoproteins and the absorption of haem. *Journal of Gastroenterology and Hepatology (Australia)*, **1989**, 4, 537-45	4	34
85	The relevance of the colon to zinc nutrition. *Nutrients*, **2015**, 7, 572-83	6.7	33
84	Psychosocial variables associated with colorectal cancer screening in South Australia. *International Journal of Behavioral Medicine*, **2011**, 18, 302-9	2.6	32
83	Folate deficiency diminishes the occurrence of aberrant crypt foci in the rat colon but does not alter global DNA methylation status. *Journal of Gastroenterology and Hepatology (Australia)*, **2000**, 15, 1158-64	4	32
82	Circulating tumour DNA for monitoring colorectal cancer-a prospective cohort study to assess relationship to tissue methylation, cancer characteristics and surgical resection. *Clinical Epigenetics*, **2018**, 10, 63	7.7	30

81	Screening for colorectal cancer and advanced colorectal neoplasia in kidney transplant recipients: cross sectional prevalence and diagnostic accuracy study of faecal immunochemical testing for haemoglobin and colonoscopy. *BMJ, The*, **2012**, 345, e4657	5.9	30
80	Catheter sepsis during parenteral nutrition: the safety of long-term OpSite dressings. *Journal of Parenteral and Enteral Nutrition*, **1988**, 12, 365-70	4.2	30
79	New stool screening tests for colorectal cancer. *Digestion*, **2007**, 76, 26-33	3.6	29
78	Haem in the gut. Part II. Faecal excretion of haem and haem-derived porphyrins and their detection. *Journal of Gastroenterology and Hepatology (Australia)*, **1990**, 5, 194-203	4	28
77	Zinc deficiency in children with environmental enteropathy-development of new strategies: report from an expert workshop. *American Journal of Clinical Nutrition*, **2014**, 100, 1198-207	7	27
76	Population-based screening for colorectal cancer: Australian research and implementation. *Journal of Gastroenterology and Hepatology (Australia)*, **2009**, 24 Suppl 3, S33-42	4	26
75	Discovery and validation of molecular biomarkers for colorectal adenomas and cancer with application to blood testing. *PLoS ONE*, **2012**, 7, e29059	3.7	26
74	Sample preference for colorectal cancer screening tests: Blood or stool?. *Open Journal of Preventive Medicine*, **2012**, 02, 326-331	0.3	25
73	A standard for Faecal Immunochemical TesTs for haemoglobin evaluation reporting (FITTER). *Annals of Clinical Biochemistry*, **2014**, 51, 301-2	2.2	24
72	Antibiotic-associated colitis caused by Clostridium difficile: relapse and risk factors. *Medical Journal of Australia*, **1986**, 144, 303-6	4	22
71	Relationship between post-surgery detection of methylated circulating tumor DNA with risk of residual disease and recurrence-free survival. *Journal of Cancer Research and Clinical Oncology*, **2018**, 144, 1741-1750	4.9	21
70	Selecting an Occult Blood Test for Use as a Screening Tool for Large Bowel Cancer. *Frontiers of Gastrointestinal Research*, **1991**, 18, 135-156		21
69	The Use of Circulating Tumor DNA for Prognosis of Gastrointestinal Cancers. *Frontiers in Oncology*, **2018**, 8, 275	5.3	19
68	DNA methylation in the rectal mucosa is associated with crypt proliferation and fecal short-chain fatty acids. *Digestive Diseases and Sciences*, **2011**, 56, 387-96	4	19
67	Guaiac based faecal occult blood testing for colorectal cancer screening: an obsolete strategy?. *Gut*, **2012**, 61, 959-60	19.2	19
66	Preventing cancer: dietary lifestyle or clinical intervention?. *Asia Pacific Journal of Clinical Nutrition*, **2002**, 11 Suppl 3, S618-31	1	19
65	Which fecal occult blood test is best to screen for colorectal cancer?. *Nature Reviews Gastroenterology and Hepatology*, **2009**, 6, 140-1	24.2	18
64	Predictors of re-participation in faecal occult blood test- based screening for colorectal cancer. *Asian Pacific Journal of Cancer Prevention*, **2012**, 13, 5989-94	1.7	18

63	Circulating epigenetic biomarkers for detection of recurrent colorectal cancer. *Cancer*, **2020**, 126, 1460-1469	6.4	18
62	Screening for colorectal cancer: alternative faecal occult blood tests. *European Journal of Gastroenterology and Hepatology*, **1998**, 10, 205-12	2.2	17
61	Fecal Tests: From Blood to Molecular Markers. *Current Colorectal Cancer Reports*, **2011**, 7, 62-70	1	16
60	A new approach to fecal occult blood testing based on the detection of haptoglobin. *Cancer*, **1996**, 78, 48-56	6.4	16
59	Readability and sensitivity of a new faecal occult blood test in a hospital ward environment. Comparison with an established test. *Medical Journal of Australia*, **1992**, 156, 420-3	4	16
58	Improving Participation in Colorectal Cancer Screening: a Randomised Controlled Trial of Sequential Offers of Faecal then Blood Based Non-Invasive Tests. *Asian Pacific Journal of Cancer Prevention*, **2015**, 16, 8455-60	1.7	15
57	Sessile Serrated Polyps with Synchronous Conventional Adenomas Increase Risk of Future Advanced Neoplasia. *Digestive Diseases and Sciences*, **2019**, 64, 1680-1685	4	15
56	Resistant Starch is Actively Fermented by Infant Faecal Microbiota and Increases Microbial Diversity. *Nutrients*, **2019**, 11,	6.7	14
55	Bioavailability of selenium from selenium-enriched milk assessed in the artificially reared neonatal pig. *Nutrition and Dietetics*, **2008**, 65, S37-S40	2.5	14
54	Fermentation of starch and protein in the colon: implications for genomic instability. *Cancer Biology and Therapy*, **2007**, 6, 259-60	4.6	14
53	Demographic associations with stage of readiness to screen for colorectal cancer. *Health Promotion Journal of Australia*, **2009**, 20, 7-12	1.7	14
52	The impact of sample type and procedural attributes on relative acceptability of different colorectal cancer screening regimens. *Patient Preference and Adherence*, **2018**, 12, 1825-1836	2.4	14
51	Effect of sample storage temperature and buffer formulation on faecal immunochemical test haemoglobin measurements. *Journal of Medical Screening*, **2017**, 24, 176-181	1.4	13
50	Recommendations for a step-wise comparative approach to the evaluation of new screening tests for colorectal cancer. *Cancer*, **2016**, 122, 826-39	6.4	13
49	Ambivalence and its influence on participation in screening for colorectal cancer. *Qualitative Health Research*, **2013**, 23, 1188-201	3.9	13
48	Low Sensitivity of Fecal Immunochemical Tests and Blood-Based Markers of DNA Hypermethylation for Detection of Sessile Serrated Adenomas/Polyps. *Digestive Diseases and Sciences*, **2019**, 64, 2555-2562	4	12
47	Evaluation of Circulating Tumor DNA for Methylated and to Detect Recurrence of Stage II/Stage III Colorectal Cancer (CRC). *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 2702-2709	4	11
46	Analysis of the Anti-Cancer Effects of Cincau Extract (Premna oblongifolia Merr) and Other Types of Non-Digestible Fibre Using Faecal Fermentation Supernatants and Caco-2 Cells as a Model of the Human Colon. *Nutrients*, **2017**, 9,	6.7	10

45	Demand for Colonoscopy in Colorectal Cancer Screening Using a Quantitative Fecal Immunochemical Test and Age/Sex-Specific Thresholds for Test Positivity. *Cancer Epidemiology Biomarkers and Prevention*, **2018**, 27, 704-709	4	10
44	Methylation and Gene Expression of and in Colorectal Cancer Tissues. *Clinical Medicine Insights: Oncology*, **2018**, 12, 1179554918775064	1.8	10
43	The potential for zinc stable isotope techniques and modelling to determine optimal zinc supplementation. *Nutrients*, **2015**, 7, 4271-95	6.7	9
42	Ideal colonoscopic surveillance intervals to reduce incidence of advanced adenoma and colorectal cancer. *Journal of Gastroenterology and Hepatology (Australia)*, **2015**, 30, 1147-54	4	8
41	A study of laboratory based faecal occult blood testing in Melbourne, Australia. The Faecal Occult Blood Testing Study Group. *Journal of Gastroenterology and Hepatology (Australia)*, **1998**, 13, 396-400	4	8
40	Evaluation of oral rehydration solution by whole-gut perfusion in rats: effect of osmolarity, sodium concentration and resistant starch. *Journal of Pediatric Gastroenterology and Nutrition*, **2006**, 43, 568-75	2.8	7
39	A random walk model for evaluating clinical trials involving serial observations. *Statistics in Medicine*, **1988**, 7, 581-90	2.3	7
38	Resistant starch and colorectal neoplasia. *Journal of AOAC INTERNATIONAL*, **2004**, 87, 775-86	1.7	7
37	The Capacity of the Fecal Microbiota From Malawian Infants to Ferment Resistant Starch. *Frontiers in Microbiology*, **2019**, 10, 1459	5.7	6
36	Effect of Native and Acetylated Dietary Resistant Starches on Intestinal Fermentative Capacity of Normal and Stunted Children in Southern India. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	6
35	Diet and genomic stability. *Forum of Nutrition*, **2007**, 60, 91-96		6
34	Uptake of a colorectal cancer screening blood test in people with elevated risk for cancer who cannot or will not complete a faecal occult blood test. *European Journal of Cancer Prevention*, **2018**, 27, 425-432	2	5
33	Parenteral nutrition. *Medical Journal of Australia*, **1985**, 143, 597-601	4	5
32	Exploring the validity of the continuum of resistance model for discriminating early from late and non-uptake of colorectal cancer screening: implications for the design of invitation and reminder letters. *International Journal of Behavioral Medicine*, **2013**, 20, 572-81	2.6	4
31	Blood Tests for Colorectal Cancer Screening in the Standard Risk Population. *Current Colorectal Cancer Reports*, **2015**, 11, 397-407	1	4
30	The significance of the small adenoma: a longitudinal study of surveillance colonoscopy in an Australian population. *European Journal of Gastroenterology and Hepatology*, **2019**, 31, 563-569	2.2	4
29	Reducing the number of surveillance colonoscopies with faecal immunochemical tests. *Gut*, **2020**, 69, 784-785	19.2	4
28	FIT for purpose: enhanced applications for faecal immunochemical tests. *Journal of Laboratory and Precision Medicine*, **2018**, 3, 28-28	1.1	4

27	Drug-development concepts as guides for optimizing clinical trials of supplemental zinc for populations at risk of deficiency or diarrhea. *Nutrition Reviews*, **2017**, 75, 147-162	6.4	3
26	Gender differences in faecal haemoglobin concentration. *Journal of Medical Screening*, **2016**, 23, 54	1.4	3
25	A Randomized Controlled Trial Testing Provision of Fecal and Blood Test Options on Participation for Colorectal Cancer Screening. *Cancer Prevention Research*, **2019**, 12, 631-640	3.2	3
24	Evaluation of a panel of tumor-specific differentially-methylated DNA regions in IRF4, IKZF1 and BCAT1 for blood-based detection of colorectal cancer. *Clinical Epigenetics*, **2021**, 13, 14	7.7	3
23	Effects of Dietary Fibre from the Traditional Indonesian Food, Green Cincau (Merr.) on Preneoplastic Lesions and Short Chain Fatty Acid Production in an Azoxymethane Rat Model of Colon Cancer. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	3
22	Both Sample Number and Test Positivity Threshold Determine Colonoscopy Efficiency in Detection of Colorectal Cancer With Quantitative Fecal Immunochemical Tests. *Gastroenterology*, **2020**, 159, 1561-1563.e3	13.3	3
21	Approach to the Patient with Occult Gastrointestinal Bleeding152-169		2
20	Measurement of faecal alpha 1-antitrypsin: methodologies and clinical application. *Journal of Gastroenterology and Hepatology (Australia)*, **1996**, 11, 311-8	4	2
19	The Effect of the Variability in Fecal Immunochemical Test Sample Collection Technique on Clinical Performance. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 175-181	4	2
18	Web-Based Communication Strategies Designed to Improve Intention to Minimize Risk for Colorectal Cancer: Randomized Controlled Trial. *JMIR Cancer*, **2018**, 4, e2	3.2	2
17	Detection of advanced colorectal neoplasia and relative colonoscopy workloads using quantitative faecal immunochemical tests: an observational study exploring the effects of simultaneous adjustment of both sample number and test positivity threshold. *BMJ Open Gastroenterology*, **2020**, 7,	3.9	2
16	The impact of coronavirus disease 2019 on surveillance colonoscopies in South Australia. *JGH Open*, **2021**, 5, 486-492	1.8	2
15	Neoplastic and Nonneoplastic Polyps of the Colon and Rectum1611-1639		1
14	Molecular approaches to stool screening for colorectal cancer. *Current Colorectal Cancer Reports*, **2006**, 2, 30-35	1	1
13	DNA repair and inherited cancer. *Journal of Gastroenterology and Hepatology (Australia)*, **1995**, 10, 108-9	4	1
12	Quality Indicators and Benchmarks for Guideline-Recommended Fecal Occult Blood Tests **2015**, 65-79		1
11	"Rescue" of Nonparticipants in Colorectal Cancer Screening: A Randomized Controlled Trial of Three Noninvasive Test Options. *Cancer Prevention Research*, **2021**, 14, 803-810	3.2	1
10	Features associated with high-risk sessile serrated polyps at index and follow-up colonoscopy. *Journal of Gastroenterology and Hepatology (Australia)*, **2021**, 36, 1620-1626	4	1

9	Variables Associated with Detection of Methylated or in Blood from Patients Without Colonoscopically Evident Colorectal Cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 774-781	4	1
8	Neoplastic and Nonneoplastic Polyps of the Colon and Rectum423-448		1
7	The influence of the surveillance time interval on the risk of advanced neoplasia after non-advanced adenoma removal. *Medical Journal of Australia*, **2021**, 215, 465-470	4	0
6	Approach to Screening for Colorectal Cancer170-182		
5	Lower Gastrointestinal Disorders301-320		
4	Drug-induced hepatic injury. *Australian and New Zealand Journal of Medicine*, **1977**, 7, 539-40		
3	Pathophysiology of Bleeding from Large Bowel Neoplasms. *Nihon Daicho Komonbyo Gakkai Zasshi*, **1991**, 44, 582-582	0.1	
2	Testing for Clostridium difficile. *Medical Journal of Australia*, **1986**, 144, 55	4	
1	Accuracy of blood-based biomarkers for screening precancerous colorectal lesions: a protocol for systematic review and meta-analysis. *BMJ Open*, **2022**, 12, e060712	3	