Thomas F Imperiale

List of Publications by Citations

140 papers	9,903 citations	48 h-index	98 g-index
160 ext. papers	11,450 ext. citations	7.5 avg, IF	6.08 L-index

#	Paper	IF	Citations
140	Multitarget stool DNA testing for colorectal-cancer screening. *New England Journal of Medicine*, **2014**, 370, 1287-97	59.2	911
139	Risk of advanced proximal neoplasms in asymptomatic adults according to the distal colorectal findings. *New England Journal of Medicine*, **2000**, 343, 169-74	59.2	856
138	Fecal DNA versus fecal occult blood for colorectal-cancer screening in an average-risk population. *New England Journal of Medicine*, **2004**, 351, 2704-14	59.2	620
137	Impact of bowel preparation on efficiency and cost of colonoscopy. *American Journal of Gastroenterology*, **2002**, 97, 1696-700	0.7	412
136	Comparison of endoscopic ultrasonography and multidetector computed tomography for detecting and staging pancreatic cancer. *Annals of Internal Medicine*, **2004**, 141, 753-63	8	396
135	Endoscopist-directed administration of propofol: a worldwide safety experience. *Gastroenterology*, **2009**, 137, 1229-37; quiz 1518-9	13.3	312
134	Effect of screening colonoscopy on colorectal cancer incidence and mortality. *Clinical Gastroenterology and Hepatology*, **2009**, 7, 770-5; quiz 711	6.9	293
133	Results of screening colonoscopy among persons 40 to 49 years of age. *New England Journal of Medicine*, **2002**, 346, 1781-5	59.2	292
132	Meta-analysis and cost comparison of polyethylene glycol lavage versus sodium phosphate for colonoscopy preparation. *Gastrointestinal Endoscopy*, **1998**, 48, 276-82	5.2	243
131	A meta-analysis of endoscopic variceal ligation for primary prophylaxis of esophageal variceal bleeding. *Hepatology*, **2001**, 33, 802-7	11.2	213
130	Five-year risk of colorectal neoplasia after negative screening colonoscopy. *New England Journal of Medicine*, **2008**, 359, 1218-24	59.2	203
129	Do corticosteroids reduce mortality from alcoholic hepatitis? A meta-analysis of the randomized trials. *Annals of Internal Medicine*, **1990**, 113, 299-307	8	191
128	Comparison of endoscopic ultrasound and computed tomography for the preoperative evaluation of pancreatic cancer: a systematic review. *Clinical Gastroenterology and Hepatology*, **2006**, 4, 717-25; quiz 664	6.9	182
127	Elevated prevalence of hepatitis C infection in users of United States veterans medical centers. *Hepatology*, **2005**, 41, 88-96	11.2	181
126	Effect of growth hormone therapy on height in children with idiopathic short stature: a meta-analysis. *JAMA Pediatrics*, **2002**, 156, 230-40		159
125	Predictors of large esophageal varices in patients with cirrhosis. *American Journal of Gastroenterology*, **1999**, 94, 3285-91	0.7	156
124	High-definition chromocolonoscopy vs. high-definition white light colonoscopy for average-risk colorectal cancer screening. *American Journal of Gastroenterology*, **2010**, 105, 1301-7	0.7	155

123	Patients willing to try colonoscopy without sedation: associated clinical factors and results of a randomized controlled trial. *Gastrointestinal Endoscopy*, **1999**, 49, 554-9	5.2	150
122	Does prophylaxis prevent postdental infective endocarditis? A controlled evaluation of protective efficacy. *American Journal of Medicine*, **1990**, 88, 131-6	2.4	133
121	Tocolytic therapy: a meta-analysis and decision analysis. *Obstetrics and Gynecology*, **2009**, 113, 585-594	4.9	125
120	Multitarget stool DNA testing for colorectal-cancer screening. *New England Journal of Medicine*, **2014**, 371, 187-8	59.2	122
119	Association of large serrated polyps with synchronous advanced colorectal neoplasia. *American Journal of Gastroenterology*, **2009**, 104, 695-702	0.7	119
118	Variation in polyp detection rates at screening colonoscopy. *Gastrointestinal Endoscopy*, **2009**, 69, 1288-95	5.2	113
117	Using risk for advanced proximal colonic neoplasia to tailor endoscopic screening for colorectal cancer. *Annals of Internal Medicine*, **2003**, 139, 959-65	8	112
116	Endoscopic therapy versus medical therapy for bleeding peptic ulcer with adherent clot: a meta-analysis. *Gastroenterology*, **2005**, 129, 855-62	13.3	104
115	Screening, surveillance, and primary prevention for colorectal cancer: a review of the recent literature. *Gastroenterology*, **2008**, 135, 380-99	13.3	98
114	Need for validation of clinical decision aids: use of the AST/ALT ratio in predicting cirrhosis in chronic hepatitis C. *American Journal of Gastroenterology*, **2000**, 95, 2328-32	0.7	90
113	Aortic stenosis, idiopathic gastrointestinal bleeding, and angiodysplasia: is there an association? A methodologic critique of the literature. *Gastroenterology*, **1988**, 95, 1670-6	13.3	90
112	Performance characteristics of molecular (DNA) analysis for the diagnosis of mucinous pancreatic cysts. *Gastrointestinal Endoscopy*, **2014**, 79, 79-87	5.2	89
111	Endoscopic ultrasound in non-small cell lung cancer and negative mediastinum on computed tomography. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 177-82	10.2	86
110	Somatostatin or octreotide compared with H2 antagonists and placebo in the management of acute nonvariceal upper gastrointestinal hemorrhage: a meta-analysis. *Annals of Internal Medicine*, **1997**, 127, 1062-71	8	83
109	Nurse-administered propofol sedation compared with midazolam and meperidine for EUS: a prospective, randomized trial. *Gastrointestinal Endoscopy*, **2008**, 68, 499-509	5.2	81
108	Similar efficacies of biliary, with or without pancreatic, sphincterotomy in treatment of idiopathic recurrent acute pancreatitis. *Gastroenterology*, **2012**, 143, 1502-1509.e1	13.3	78
107	A meta-analysis of somatostatin versus vasopressin in the management of acute esophageal variceal hemorrhage. *Gastroenterology*, **1995**, 109, 1289-94	13.3	77
106	Treatment of esophageal leaks, fistulae, and perforations with temporary stents: evaluation of efficacy, adverse events, and factors associated with successful outcomes. *Gastrointestinal Endoscopy*, **2014**, 79, 589-98	5.2	74

105	The effect of colonoscopy preparation quality on adenoma detection rates. *Gastrointestinal Endoscopy*, **2012**, 75, 545-53	5.2	73
104	Risk of pancreatitis with mutation of the cystic fibrosis gene. *American Journal of Gastroenterology*, **2004**, 99, 1358-63	0.7	72
103	Genetic pathways, prevention, and treatment of sporadic colorectal cancer. *Oncoscience*, **2014**, 1, 400-6	0.8	72
102	Aspirin and the prevention of colorectal cancer. *New England Journal of Medicine*, **2003**, 348, 879-80	59.2	71
101	Performance Characteristics of Fecal Immunochemical Tests for Colorectal Cancer and Advanced Adenomatous Polyps: A Systematic Review and Meta-analysis. *Annals of Internal Medicine*, **2019**, 170, 319-329	8	68
100	Nurse-administered propofol sedation for upper endoscopic ultrasonography. *American Journal of Gastroenterology*, **2008**, 103, 1649-56	0.7	67
99	Lower provider volume is associated with higher failure rates for endoscopic retrograde cholangiopancreatography. *Medical Care*, **2013**, 51, 1040-7	3.1	61
98	The cost-effectiveness of treatment strategies for achalasia. *Digestive Diseases and Sciences*, **2002**, 47, 1516-25	4	61
97	Evaluation of the Winthrop-University Hospital criteria to identify Legionella pneumonia. *Chest*, **2001**, 120, 1064-71	5.3	60
96	A randomized trial of yogurt for prevention of antibiotic-associated diarrhea. *Digestive Diseases and Sciences*, **2003**, 48, 2077-82	4	58
95	Derivation and Validation of a Scoring System to Stratify Risk for Advanced Colorectal Neoplasia in Asymptomatic Adults: A Cross-sectional Study. *Annals of Internal Medicine*, **2015**, 163, 339-46	8	57
94	Computer-delivered tailored intervention improves colon cancer screening knowledge and health beliefs of African-Americans. *Health Education Research*, **2012**, 27, 868-85	1.8	55
93	PatientsSpreferences and priorities regarding colorectal cancer screening. *Medical Decision Making*, **2013**, 33, 59-70	2.5	49
92	Colonoscopy vs. Fecal Immunochemical Test in Reducing Mortality From Colorectal Cancer (CONFIRM): Rationale for Study Design. *American Journal of Gastroenterology*, **2017**, 112, 1736-1746	0.7	48
91	Multi-center colonoscopy quality measurement utilizing natural language processing. *American Journal of Gastroenterology*, **2015**, 110, 543-52	0.7	46
90	Natural language processing accurately categorizes findings from colonoscopy and pathology reports. *Clinical Gastroenterology and Hepatology*, **2013**, 11, 689-94	6.9	44
89	Is diverticulosis associated with colorectal neoplasia? A cross-sectional colonoscopic study. *American Journal of Gastroenterology*, **2004**, 99, 2007-11	0.7	43
88	Use of the alveolar-arterial oxygen gradient in the diagnosis of pulmonary embolism. *American Journal of Medicine*, **1994**, 96, 57-62	2.4	43

87	EUS-guided liver biopsy for parenchymal disease: a comparison of diagnostic yield between two core biopsy needles. *Gastrointestinal Endoscopy*, **2016**, 83, 347-52	5.2	42
86	Risk for colorectal cancer in persons with a family history of adenomatous polyps: a systematic review. *Annals of Internal Medicine*, **2012**, 156, 703-9	8	42
85	Cost-effectiveness analysis of hepatitis A vaccination strategies for adults. *Hepatology*, **1999**, 30, 1077-81	11.2	41
84	Promoting colorectal cancer screening discussion: a randomized controlled trial. *American Journal of Preventive Medicine*, **2013**, 44, 325-329	6.1	40
83	Stool Testing for Colorectal Cancer Screening. *Gastroenterology*, **2015**, 149, 1286-93	13.3	40
82	A cost analysis of alternative treatments for duodenal ulcer. *Annals of Internal Medicine*, **1995**, 123, 665-72	8	40
81	Survival of elderly persons undergoing colonoscopy: implications for colorectal cancer screening and surveillance. *Gastrointestinal Endoscopy*, **2007**, 66, 544-50	5.2	39
80	Predicting poor outcome from acute upper gastrointestinal hemorrhage. *Archives of Internal Medicine*, **2007**, 167, 1291-6		39
79	Association between body mass index and quality of split bowel preparation. *Clinical Gastroenterology and Hepatology*, **2013**, 11, 1478-85	6.9	38
78	Noninvasive screening tests for colorectal cancer. *Digestive Diseases*, **2012**, 30 Suppl 2, 16-26	3.2	38
77	A cost-minimization analysis of alternative treatment strategies for achalasia. *American Journal of Gastroenterology*, **2000**, 95, 2737-45	0.7	37
76	Colorectal Cancer Screening: Stool DNA and Other Noninvasive Modalities. *Gut and Liver*, **2016**, 10, 204-14	4.8	37
75	Cost-effectiveness analysis of variceal ligation vs. beta-blockers for primary prevention of variceal bleeding. *Hepatology*, **2007**, 45, 870-8	11.2	35
74	Colonoscopy and Colorectal Cancer Mortality in the Veterans Affairs Health Care System: A Case-Control Study. *Annals of Internal Medicine*, **2018**, 168, 481-488	8	31
73	Lower endoscopy reduces colorectal cancer incidence in older individuals. *Gastroenterology*, **2014**, 146, 718-725.e3	13.3	30
72	Is the distal hyperplastic polyp a marker for proximal neoplasia?. *Journal of General Internal Medicine*, **2003**, 18, 128-37	4	30
71	Do aspirin and nonsteroidal anti-inflammatory drugs cause false-positive fecal occult blood test results? A prospective study in a cohort of veterans. *American Journal of Medicine*, **2004**, 117, 837-41	2.4	30
70	Tailoring colorectal cancer screening by considering risk of advanced proximal neoplasia. *American Journal of Medicine*, **2012**, 125, 1181-7	2.4	29

69	Clinical decision support with natural language processing facilitates determination of colonoscopy surveillance intervals. *Clinical Gastroenterology and Hepatology*, **2014**, 12, 1130-6	6.9	26
68	Prevalence of malignancy in patients with pure main duct intraductal papillary mucinous neoplasms. *Gastrointestinal Endoscopy*, **2014**, 79, 623-9	5.2	24
67	Yield of the second surveillance colonoscopy based on the results of the index and first surveillance colonoscopies. *Endoscopy*, **2013**, 45, 821-6	3.4	21
66	Polyethylene glycol vs. sodium phosphate for bowel preparation: a treatment arm meta-analysis of randomized controlled trials. *BMC Gastroenterology*, **2011**, 11, 38	3	21
65	Quantitative immunochemical fecal occult blood tests: is it time to go back to the future?. *Annals of Internal Medicine*, **2007**, 146, 309-11	8	21
64	Second-look endoscopy for bleeding peptic ulcer disease: a decision-effectiveness and cost-effectiveness analysis. *Journal of Clinical Gastroenterology*, **2012**, 46, e71-5	3	19
63	Endoscopic suturing of esophageal fully covered self-expanding metal stents reduces rates of stent migration. *Gastrointestinal Endoscopy*, **2017**, 86, 1015-1021	5.2	18
62	Current and future applications of natural language processing in the field of digestive diseases. *Clinical Gastroenterology and Hepatology*, **2014**, 12, 1257-61	6.9	17
61	Provider recommendations for colorectal cancer screening in elderly veterans. *Journal of General Internal Medicine*, **2009**, 24, 1263-8	4	17
60	Risk of Advanced Neoplasia Using the National Cancer Institute'S Colorectal Cancer Risk Assessment Tool. *Journal of the National Cancer Institute*, **2017**, 109,	9.7	16
59	Can Streamlined Multicriteria Decision Analysis Be Used to Implement Shared Decision Making for Colorectal Cancer Screening?. *Medical Decision Making*, **2014**, 34, 746-55	2.5	16
58	Cost Effectiveness of Different Strategies for Detecting Cirrhosis in Patients With Nonalcoholic Fatty Liver Disease Based on United States Health Care System. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 2305-2314.e12	6.9	16
57	Prevalence of Advanced, Precancerous Colorectal Neoplasms in Black and White Populations: A Systematic Review and Meta-analysis. *Gastroenterology*, **2018**, 155, 1776-1786.e1	13.3	16
56	A risk index for advanced neoplasia on the second surveillance colonoscopy in patients with previous adenomatous polyps. *Gastrointestinal Endoscopy*, **2014**, 80, 471-8	5.2	15
55	A multivariable model of clinical variables predicts advanced fibrosis in chronic hepatitis C. *Journal of Clinical Gastroenterology*, **2007**, 41, 416-21	3	15
54	Measuring the hemodynamic response to primary pharmacoprophylaxis of variceal bleeding: a cost-effectiveness analysis. *American Journal of Gastroenterology*, **2003**, 98, 2742-50	0.7	15
53	Corticosteroids are effective in patients with severe alcoholic hepatitis. *American Journal of Gastroenterology*, **1999**, 94, 3066-8	0.7	15
52	Effectiveness and safety of serial endoscopic ultrasound-guided celiac plexus block for chronic pancreatitis. *Endoscopy International Open*, **2015**, 3, E56-9	3	13

51	Risk factors for advanced sporadic colorectal neoplasia in persons younger than age 50. *Cancer Detection and Prevention*, **2008**, 32, 33-8		13
50	Understanding differences in the guidelines for colorectal cancer screening. *Gastroenterology*, **2010**, 138, 1642-1647.e1	13.3	11
49	Colonoscopy performance in a large private practice: a comparison to quality benchmarks. *Journal of Clinical Gastroenterology*, **2010**, 44, 152-3	3	11
48	Specificity of the Multi-Target Stool DNA Test for Colorectal Cancer Screening in Average-Risk 45-49 Year-Olds: A Cross-Sectional Study. *Cancer Prevention Research*, **2021**, 14, 489-496	3.2	11
47	Clinical utility of the AST/ALT ratio in chronic hepatitis C. *American Journal of Gastroenterology*, **2001**, 96, 919-20	0.7	10
46	The utility of clinical and radiographic features in the diagnosis of cytomegalovirus central nervous system disease in AIDS patients. *Molecular Diagnosis and Therapy*, **1999**, 4, 37-43		10
45	Evaluating a Modular Decision Support Application For Colorectal Cancer Screening. *Applied Clinical Informatics*, **2017**, 8, 162-179	3.1	9
44	Utilizing a user-centered approach to develop and assess pharmacogenomic clinical decision support for thiopurine methyltransferase. *BMC Medical Informatics and Decision Making*, **2019**, 19, 194	3.6	9
43	Toward risk stratification for screening and surveillance of colorectal neoplasia: one small step for the colonoscopist. *Gastroenterology*, **2007**, 133, 1364-7	13.3	9
42	Low Incidence of Aerodigestive Cancers in Patients With Negative Results From Colonoscopies, Regardless of Findings From Multitarget Stool DNA Tests. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 864-871	6.9	9
41	A risk prediction tool for colorectal cancer screening: a qualitative study of patient and provider facilitators and barriers. *BMC Family Practice*, **2020**, 21, 43	2.6	8
40	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
39	Provider-specific quality measurement for ERCP using natural language processing. *Gastrointestinal Endoscopy*, **2018**, 87, 164-173.e2	5.2	8
38	Changes in Adult BMI and Waist Circumference Are Associated with Increased Risk of Advanced Colorectal Neoplasia. *Digestive Diseases and Sciences*, **2017**, 62, 3177-3185	4	7
37	A predictive model of longitudinal, patient-specific colonoscopy results. *Computer Methods and Programs in Biomedicine*, **2013**, 112, 563-79	6.9	7
36	Guidelines for surveillance intervals after polypectomy: coping with the evidence. *Annals of Internal Medicine*, **2008**, 148, 477-9	8	7
35	Screening for varices in patients with cirrhosis: where do we stand?. *American Journal of Gastroenterology*, **2001**, 96, 623-4	0.7	6
34	Deep sedation in natural orifice transluminal endoscopic surgery (NOTES): a comparative study with dogs. *Surgical Endoscopy and Other Interventional Techniques*, **2012**, 26, 3163-73	5.2	5

33	Provider acceptance, safety, and effectiveness of a computer-based decision tool for colonoscopy preparation. *International Journal of Medical Informatics*, **2011**, 80, 726-33	5.3	5
32	CT colonography versus colonoscopy for the detection of advanced neoplasia. *New England Journal of Medicine*, **2008**, 358, 88; author reply 90	59.2	5
31	A new quality indicator of colonoscopy: caveat emptor. *Gastrointestinal Endoscopy*, **2016**, 84, 507-11	5.2	5
30	Prospective evaluation of the performance and interobserver variation in endoscopic ultrasound staging of rectal cancer. *European Journal of Gastroenterology and Hepatology*, **2018**, 30, 1013-1018	2.2	5
29	Interval fecal immunochemical testing in colonoscopic surveillance program. *Gastroenterology*, **2011**, 140, 1359-60; author reply 1360-1	13.3	4
28	Impact of including quantitative information in a decision aid for colorectal cancer screening: A randomized controlled trial. *Patient Education and Counseling*, **2019**, 102, 726-734	3.1	4
27	Continue or discontinue warfarin for fecal occult blood testing in 2010? Does the published evidence provide an answer?. *American Journal of Gastroenterology*, **2010**, 105, 2036-9	0.7	3
26	ACP Journal Club. Flexible sigmoidoscopy screening reduced colorectal cancer incidence and mortality in older adults. *Annals of Internal Medicine*, **2012**, 157, JC3-3	8	3
25	Computer-tailored intervention increases colorectal cancer screening among low-income African Americans in primary care: Results of a randomized trial. *Preventive Medicine*, **2021**, 145, 106449	4.3	3
24	Associations of chronic diarrhoea with non-alcoholic fatty liver disease and obesity-related disorders among US adults. *BMJ Open Gastroenterology*, **2019**, 6, e000322	3.9	3
23	Derivation and validation of a predictive model for advanced colorectal neoplasia in asymptomatic adults. *Gut*, **2021**, 70, 1155-1161	19.2	3
22	Risk Stratification Strategies for Colorectal Cancer Screening: From Logistic Regression to Artificial Intelligence. *Gastrointestinal Endoscopy Clinics of North America*, **2020**, 30, 423-440	3.3	2
21	Adherence to Surveillance Guidelines in Nondysplastic Barrett's Esophagus. *Journal of Clinical Gastroenterology*, **2018**, 52, 217-222	3	2
20	Advanced colorectal neoplasia risk stratification by penalized logistic regression. *Statistical Methods in Medical Research*, **2016**, 25, 1677-91	2.3	2
19	Screening for colorectal cancer in the elderly population: how much is enough?. *Archives of Internal Medicine*, **2011**, 171, 1332-4		2
18	The acute effect of phenylpropanolamine and brompheniramine on blood pressure in controlled hypertension: a randomized double-blind crossover trial. *Journal of General Internal Medicine*, **1991**, 6, 503-6	4	2
17	Prophylactic beta-blocker therapy: clinical implications of an aggregate analysis. *Hepatology*, **1992**, 15, 354-6	11.2	2
16	Multiobjective Calibration of Disease Simulation Models Using Gaussian Processes. *Medical Decision Making*, **2019**, 39, 540-552	2.5	1

List of Publications

15	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*, **2007**, 109, 1925-6; author reply 1926	6.4	1
14	Prophylactic sclerotherapy: meta-analysis versus aggregate analysis. *Gastroenterology*, **1992**, 102, 2187-8	13.3	1
13	Reply. *Clinical Gastroenterology and Hepatology*, **2021**, 19, 854	6.9	1
12	New Quality Measure Will Disincentivize Endoscopic Resection of Most Important Colorectal Lesions. *Gastroenterology*, **2016**, 150, 1249	13.3	1
11	Impact and outcomes of research sponsored by the American Society for Gastrointestinal Endoscopy. *Gastrointestinal Endoscopy*, **2016**, 84, 385-391.e2	5.2	0
10	Genetic and environmental risk assessment and colorectal cancer screening. *Annals of Internal Medicine*, **2015**, 162, 526-7	8	
9	After a negative screening colonoscopy, a microsimulation model shows that currently recommended strategies are equally effective for rescreening. *Evidence-Based Medicine*, **2013**, 18, 199-200		
8	Sigmoidoscopy screening for colorectal cancer. *BMJ, The*, **2009**, 338, b2084	5.9	
7	Preventing infection in cirrhotics with gastrointestinal hemorrhage. *Gastroenterology*, **1993**, 104, 1238	13.3	
6	Noninvasive Screening Tests **2011**, 123-150		
5	Screening for Colorectal Cancer in Asymptomatic Average-Risk Adults. *Annals of Internal Medicine*, **2020**, 172, 507-508	8	
4	Prevalence of Advanced Colorectal Neoplasia in Veterans: Effects of Age, Sex, and Race/Ethnicity. *Journal of Clinical Gastroenterology*, **2021**, 55, 876-883	3	
3	Reply. *Gastroenterology*, **2016**, 150, 1037	13.3	
2	Refers to: Paul Enck. Not more, but less studies are warranted-If you take your meta-analysis seriously. *Neurogastroenterology and Motility*, **2019**, 31, e13490	4	
1	Colonoscopy and Colorectal Cancer Mortality. *Annals of Internal Medicine*, **2018**, 169, 424-425	8	