

# Tyler M Berzin

## List of Publications by Citations

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107  
papers

2,444  
citations

26  
h-index

47  
g-index

150  
ext. papers

3,331  
ext. citations

3.7  
avg, IF

5.19  
L-index

#	Paper	IF	Citations
107	Real-time automatic detection system increases colonoscopic polyp and adenoma detection rates: a prospective randomised controlled study. <i>Gut</i> , <b>2019</b> , 68, 1813-1819	19.2	320
106	Development and validation of a deep-learning algorithm for the detection of polyps during colonoscopy. <i>Nature Biomedical Engineering</i> , <b>2018</b> , 2, 741-748	19	211
105	Agrin and microvascular damage in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2000</b> , 21, 349-55	5.6	144
104	Effect of a deep-learning computer-aided detection system on adenoma detection during colonoscopy (CADE-DB trial): a double-blind randomised study. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2020</b> , 5, 343-351	18.8	134
103	A prospective evaluation of fatty pancreas by using EUS. <i>Gastrointestinal Endoscopy</i> , <b>2011</b> , 73, 987-93	5.2	91
102	Computer-aided diagnosis for colonoscopy. <i>Endoscopy</i> , <b>2017</b> , 49, 813-819	3.4	88
101	Systematic review and meta-analysis of single-balloon enteroscopy-assisted ERCP in patients with surgically altered GI anatomy. <i>Gastrointestinal Endoscopy</i> , <b>2015</b> , 82, 9-19	5.2	87
100	A prospective assessment of sedation-related adverse events and patient and endoscopist satisfaction in ERCP with anesthesiologist-administered sedation. <i>Gastrointestinal Endoscopy</i> , <b>2011</b> , 73, 710-7	5.2	81
99	Artificial intelligence in gastrointestinal endoscopy: The future is almost here. <i>World Journal of Gastrointestinal Endoscopy</i> , <b>2018</b> , 10, 239-249	2.2	79
98	Initial experience with a novel EUS-guided core biopsy needle (SharkCore): results of a large North American multicenter study. <i>Endoscopy International Open</i> , <b>2016</b> , 4, E974-9	3	68
97	Lower Adenoma Miss Rate of Computer-Aided Detection-Assisted Colonoscopy vs Routine White-Light Colonoscopy in a Prospective Tandem Study. <i>Gastroenterology</i> , <b>2020</b> , 159, 1252-1261.e5	13.3	48
96	A meta-analysis on efficacy and safety: single-balloon vs. double-balloon enteroscopy. <i>Gastroenterology Report</i> , <b>2015</b> , 3, 148-55	3.3	48
95	Propofol versus traditional sedative agents for advanced endoscopic procedures: a meta-analysis. <i>Digestive Endoscopy</i> , <b>2014</b> , 26, 515-24	3.7	46
94	Salvage cryotherapy after failed radiofrequency ablation for Barrett's esophagus-related dysplasia is safe and effective. <i>Gastrointestinal Endoscopy</i> , <b>2015</b> , 82, 443-8	5.2	41
93	Lumen apposing metal stents are superior to plastic stents in pancreatic walled-off necrosis: a large international multicenter study. <i>Endoscopy International Open</i> , <b>2019</b> , 7, E347-E354	3	39
92	Computer vision and augmented reality in gastrointestinal endoscopy. <i>Gastroenterology Report</i> , <b>2015</b> , 3, 179-84	3.3	38
91	Pregnancy is a Risk Factor for Pancreatitis After Endoscopic Retrograde Cholangiopancreatography in a National Cohort Study. <i>Clinical Gastroenterology and Hepatology</i> , <b>2016</b> , 14, 107-14	6.9	35

90	Endoscopic ultrasound-guided pancreatic fiducial placement: how important is ideal fiducial geometry?. <i>Pancreas</i> , <b>2013</b> , 42, 692-5	2.6	34
89	The Clinical Implications of Fatty Pancreas: A Concise Review. <i>Digestive Diseases and Sciences</i> , <b>2017</b> , 62, 2658-2667	4	33
88	Comparison between single- and multi-sensor oesophageal temperature probes during atrial fibrillation ablation: thermodynamic characteristics. <i>Europace</i> , <b>2015</b> , 17, 891-7	3.9	32
87	Lumen apposing metal stents for pancreatic fluid collections: Recognition and management of complications. <i>World Journal of Gastrointestinal Endoscopy</i> , <b>2017</b> , 9, 456-463	2.2	31
86	Post-endoscopic retrograde cholangiopancreatography pancreatitis. <i>Gastroenterology Report</i> , <b>2015</b> , 3, 32-40	3.3	29
85	Pneumatosis intestinalis with a focus on hyperbaric oxygen therapy. <i>Mayo Clinic Proceedings</i> , <b>2014</b> , 89, 697-703	6.4	29
84	Direct endoscopic necrosectomy at the time of transmural stent placement results in earlier resolution of complex walled-off pancreatic necrosis: Results from a large multicenter United States trial. <i>Endoscopic Ultrasound</i> , <b>2019</b> , 8, 172-179	3.6	29
83	Deep sedation without intubation for ERCP is appropriate in healthier, non-obese patients. <i>Digestive Diseases and Sciences</i> , <b>2013</b> , 58, 3287-92	4	28
82	Use of a cap in single-balloon enteroscopy-assisted endoscopic retrograde cholangiography. <i>Endoscopy</i> , <b>2015</b> , 47, 453-6	3.4	26
81	Lumen-apposing stents versus plastic stents in the management of pancreatic pseudocysts: a large, comparative, international, multicenter study. <i>Endoscopy</i> , <b>2019</b> , 51, 1035-1043	3.4	25
80	Prevalence of primary fungal infections in necrotizing pancreatitis. <i>Pancreatology</i> , <b>2007</b> , 7, 63-6	3.8	23
79	Prior capsule endoscopy improves the diagnostic and therapeutic yield of single-balloon enteroscopy. <i>Digestive Diseases and Sciences</i> , <b>2014</b> , 59, 2497-502	4	22
78	Position statement on priorities for artificial intelligence in GI endoscopy: a report by the ASGE Task Force. <i>Gastrointestinal Endoscopy</i> , <b>2020</b> , 92, 951-959	5.2	21
77	Prospective assessment of consensus criteria for evaluation of patients with suspected choledocholithiasis. <i>Digestive Endoscopy</i> , <b>2016</b> , 28, 75-82	3.7	21
76	Triaging advanced GI endoscopy procedures during the COVID-19 pandemic: consensus recommendations using the Delphi method. <i>Gastrointestinal Endoscopy</i> , <b>2020</b> , 92, 535-542	5.2	19
75	Endoscopic ultrasound-guided drainage of pancreatic walled-off necrosis using 20-mm versus 15-mm lumen-apposing metal stents: an international, multicenter, case-matched study. <i>Endoscopy</i> , <b>2020</b> , 52, 211-219	3.4	19
74	Decompensated cirrhosis may be a risk factor for adverse events in endoscopic retrograde cholangiopancreatography. <i>Liver International</i> , <b>2016</b> , 36, 1457-63	7.9	19
73	Multispectral light scattering endoscopic imaging of esophageal precancer. <i>Light: Science and Applications</i> , <b>2018</b> , 7, 17174	16.7	18

72	What constitutes urgent endoscopy? A social media snapshot of gastroenterologists' views during the COVID-19 pandemic. <i>Endoscopy International Open</i> , <b>2020</b> , 8, E693-E698	3	16
71	Single-operator cholangioscopy for the extraction of cystic duct stones (with video). <i>Gastrointestinal Endoscopy</i> , <b>2012</b> , 75, 206-10	5.2	15
70	Development and validation of the PROcedural Sedation Assessment Survey (PROSAS) for assessment of procedural sedation quality. <i>Gastrointestinal Endoscopy</i> , <b>2015</b> , 81, 194-203.e1	5.2	14
69	"Apple Far from the Tree": comparative effectiveness of fiberoptic single-operator cholangiopancreatography (FSOCP) and digital SOCP (DSOCP). <i>Hpb</i> , <b>2018</b> , 20, 285-288	3.8	14
68	The single-monitor trial: an embedded CAde system increased adenoma detection during colonoscopy: a prospective randomized study. <i>Therapeutic Advances in Gastroenterology</i> , <b>2020</b> , 13, 1756284820979165	4.7	14
67	Plans to Reactivate Gastroenterology Practices Following the COVID-19 Pandemic: A Survey of North American Centers. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 2287-2294.e1	6.9	14
66	Establishing key research questions for the implementation of artificial intelligence in colonoscopy: a modified Delphi method. <i>Endoscopy</i> , <b>2021</b> , 53, 893-901	3.4	13
65	Intraductal papillary mucinous neoplasm arising in a heterotopic pancreas: a case report. <i>American Journal of Gastroenterology</i> , <b>2010</b> , 105, 2513-4	0.7	12
64	Effectiveness of a Deep-learning Polyp Detection System in Prospectively Collected Colonoscopy Videos With Variable Bowel Preparation Quality. <i>Journal of Clinical Gastroenterology</i> , <b>2020</b> , 54, 554-557	3	11
63	Adding artificial intelligence to gastrointestinal endoscopy. <i>Lancet, The</i> , <b>2020</b> , 395, 485	4.0	10
62	Clinical problem-solving. Worth a second look. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 463-8	59.2	9
61	CT-guided percutaneous catheter drainage in necrotizing pancreatitis: outcomes among patients discharged with drains in place. <i>Journal of Vascular and Interventional Radiology</i> , <b>2008</b> , 19, 1002-6	2.4	9
60	The management of suspected pancreatic sepsis. <i>Gastroenterology Clinics of North America</i> , <b>2006</b> , 35, 393-407	4.4	9
59	Organoid Sensitivity Correlates with Therapeutic Response in Patients with Pancreatic Cancer. <i>Clinical Cancer Research</i> , <b>2021</b> ,	12.9	9
58	Defining the diagnostic value of hyperlipasemia for acute pancreatitis in the critically ill. <i>Pancreatology</i> , <b>2017</b> , 17, 176-181	3.8	8
57	EUS-guided drainage of pancreatic fluid collections using lumen apposing metal stents: An international, multicenter experience. <i>Digestive and Liver Disease</i> , <b>2019</b> , 51, 1557-1561	3.3	8
56	Monitored anesthesia care without endotracheal intubation is safe and efficacious for single-balloon enteroscopy. <i>Digestive Diseases and Sciences</i> , <b>2014</b> , 59, 2184-90	4	8
55	Central endoscopy reads in inflammatory bowel disease clinical trials: The role of the imaging core lab. <i>Gastroenterology Report</i> , <b>2014</b> , 2, 201-6	3.3	8

54	Benchmarking definitions of false-positive alerts during computer-aided polyp detection in colonoscopy. <i>Endoscopy</i> , <b>2021</b> , 53, 937-940	3.4	8
53	Prospective assessment of the effectiveness of standard high-level disinfection for echoendoscopes. <i>Gastrointestinal Endoscopy</i> , <b>2019</b> , 89, 984-989	5.2	7
52	The location of obstruction predicts stent occlusion in malignant gastric outlet obstruction. <i>Therapeutic Advances in Gastroenterology</i> , <b>2016</b> , 9, 815-822	4.7	7
51	Physician sentiment toward artificial intelligence (AI) in colonoscopic practice: a survey of US gastroenterologists. <i>Endoscopy International Open</i> , <b>2020</b> , 8, E1379-E1384	3	7
50	Clinical controversies in endoscopic ultrasound. <i>Gastroenterology Report</i> , <b>2013</b> , 1, 33-41	3.3	6
49	Persistent psychological or physical symptoms following endoscopic procedures: an unrecognized post-endoscopy adverse event. <i>Digestive Diseases and Sciences</i> , <b>2010</b> , 55, 2869-73	4	6
48	Deep Learning Computer-aided Polyp Detection Reduces Adenoma Miss Rate: A United States Multi-center Randomized Tandem Colonoscopy Study (CADET-CS Trial). <i>Clinical Gastroenterology and Hepatology</i> , <b>2021</b> ,	6.9	6
47	Multispectral Endoscopy with Light Gating for Early Cancer Detection. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2019</b> , 25,	3.8	5
46	Endoscopic sedation training in gastroenterology fellowship. <i>Gastrointestinal Endoscopy</i> , <b>2010</b> , 71, 597-95.2	5	5
45	Endoscopic Ultrasound-Guided Vascular Interventions: From Diagnosis to Treatment. <i>Saudi Journal of Medicine and Medical Sciences</i> , <b>2018</b> , 6, 61-67	0.9	5
44	Regulatory considerations for artificial intelligence technologies in GI endoscopy. <i>Gastrointestinal Endoscopy</i> , <b>2020</b> , 92, 801-806	5.2	5
43	Outcomes after endoscopic retrograde cholangiopancreatography with general anaesthesia versus sedation. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, 191-200	5.4	5
42	Tu1638 Initial Experience With a Novel EUS-Guided Core Biopsy Needle (Sharkcore) in a North American Multicenter Study. <i>Gastrointestinal Endoscopy</i> , <b>2015</b> , 81, AB540-AB541	5.2	4
41	Training a computer-aided polyp detection system to detect sessile serrated adenomas using public domain colonoscopy videos. <i>Endoscopy International Open</i> , <b>2020</b> , 8, E1448-E1454	3	4
40	Duodenoscope-related infections and potential role of single-use duodenoscopes. <i>VideoGIE</i> , <b>2020</b> , 5, 628-629	1.1	4
39	Using Computer-Aided Polyp Detection During Colonoscopy. <i>American Journal of Gastroenterology</i> , <b>2020</b> , 115, 963-966	0.7	4
38	Double-duct sign in the era of endoscopic ultrasound: the prevalence of occult pancreaticobiliary malignancy. <i>Digestive Diseases and Sciences</i> , <b>2014</b> , 59, 2280-5	4	4
37	Colonoscopic tips and tricks--advice from 3 master endoscopists. <i>Gastrointestinal Endoscopy</i> , <b>2009</b> , 70, 370-1	5.2	4

36	Su1260 ENDOSCOPIC ULTRASOUND GUIDED GALLBLADDER DRAINAGE (EUS-GBD) WITH LUMEN APPOSING METAL STENTS (LAMS) IN PATIENTS WITH ACUTE CHOLECYSTITIS HAS EXCELLENT LONG-TERM OUTCOMES: A LARGE, MULTICENTER US STUDY. <i>Gastrointestinal Endoscopy</i> , <b>2020</b> , 91, AB298-AB299	5.2	3
35	EUS-guided fiducial placement for pancreatobiliary malignancies: safety, infection risk, and use of peri-procedural antibiotics. <i>Endoscopy International Open</i> , <b>2020</b> , 8, E179-E185	3	3
34	Introducing computer-aided detection to the endoscopy suite. <i>VideoGIE</i> , <b>2020</b> , 5, 135-137	1.1	3
33	Extended Monitoring during Endoscopy. <i>Gastrointestinal Endoscopy Clinics of North America</i> , <b>2016</b> , 26, 493-505	3.3	3
32	Chronic Pancreatitis-Like Change in BRCA2 Mutation Carriers. <i>Pancreas</i> , <b>2017</b> , 46, 679-683	2.6	3
31	Incorporating standardised reporting guidelines in clinical trials of artificial intelligence in gastrointestinal endoscopy. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2020</b> , 5, 962-964	18.8	3
30	Lumen-apposing covered self-expanding metallic stent for symptomatic pancreatic fluid collections: assessment of outcomes and complications with CT and MRI. <i>Abdominal Radiology</i> , <b>2021</b> , 46, 757-767	3	3
29	Triage of General Gastrointestinal Endoscopic Procedures During the COVID-19 Pandemic: Results From a National Delphi Consensus Panel. <i>Techniques and Innovations in Gastrointestinal Endoscopy</i> , <b>2021</b> , 23, 113-121	1.3	3
28	Yield of biliary stent cytology: Is it time to think lean?. <i>Endoscopy International Open</i> , <b>2019</b> , 7, E545-E550	3	2
27	Sa1638 A Meta-Analysis on Efficacy and Safety: Single-Balloon vs. Double-Balloon Enteroscopy. <i>Gastrointestinal Endoscopy</i> , <b>2013</b> , 77, AB276	5.2	2
26	T1471: Comparison of EUS vs. Surgery for Placement of Fiducials in Patients With Pancreatic Cancer. <i>Gastrointestinal Endoscopy</i> , <b>2010</b> , 71, AB285	5.2	2
25	Successful Treatment with Methylnaltrexone and IVIG for Paraneoplastic Syndrome-Associated Intestinal Pseudo-Obstruction. <i>Gastroenterology and Hepatology</i> , <b>2013</b> , 9, 48-51	0.7	2
24	Luminal-apposing stents for benign intraluminal strictures: a large United States multicenter study of clinical outcomes. <i>Annals of Gastroenterology</i> , <b>2021</b> , 34, 33-38	2.2	2
23	ERCP in patients with COVID-19 infection - is a single-use duodenoscope the safer option?. <i>Endoscopy</i> , <b>2020</b> , 52, 932	3.4	2
22	Confidentiality and Conflicts of Interest: An Assessment of Twitter Posts in Gastrointestinal Endoscopy. <i>American Journal of Gastroenterology</i> , <b>2021</b> , 116, 1542-1544	0.7	2
21	Endometriosis mimicking colonic stromal tumor. <i>Gastroenterology Report</i> , <b>2016</b> , 4, 257-9	3.3	1
20	Minor Anesthesia-Related Events During Radiofrequency Ablation for Barrett's Esophagus Are Associated with an Increased Number of Treatment Sessions. <i>Digestive Diseases and Sciences</i> , <b>2016</b> , 61, 1591-6	4	1
19	Treatment of leakage via metallic stents placements after endoscopic full-thickness resection for esophageal and gastroesophageal junction submucosal tumors. <i>Scandinavian Journal of Gastroenterology</i> , <b>2017</b> , 52, 76-80	2.4	1

18	Beyond simulation: can adjunctive technologies accelerate learning in gastrointestinal endoscopy?. <i>Techniques in Gastrointestinal Endoscopy</i> , <b>2011</b> , 13, 146-150	0.8	1
17	The Endoscopy Patient as a Vector and Victim. <i>Gastrointestinal Endoscopy Clinics of North America</i> , <b>2020</b> , 30, 745-762	3.3	1
16	ERCP within 6 or 12 h for acute cholangitis: a propensity score-matched analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2021</b> , 1	5.2	1
15	Narrow-band imaging for scar (NBI-SCAR) classification: from conception to multicenter validation. <i>Gastrointestinal Endoscopy</i> , <b>2020</b> , 91, 1146-1154.e5	5.2	1
14	Patient Perspective on Safety of Elective Gastrointestinal Endoscopy During the COVID-19 Pandemic. <i>Techniques and Innovations in Gastrointestinal Endoscopy</i> , <b>2021</b> , 23, 234-243	1.3	1
13	Use of fully covered self-expanding metal biliary stents for managing endoscopic biliary sphincterotomy related bleeding. <i>Endoscopy International Open</i> , <b>2021</b> , 9, E667-E673	3	0
12	Preloaded 22-gauge fine-needle system facilitates placement of a higher number of fiducials for image-guided radiation therapy compared with traditional backloaded 19-gauge approach. <i>Gastrointestinal Endoscopy</i> , <b>2021</b> , 94, 953-958	5.2	0
11	How Would You Manage This Patient With Nonvariceal Upper Gastrointestinal Bleeding? : Grand Rounds Discussion From Beth Israel Deaconess Medical Center. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 836-843	8	0
10	Two-photon polymerization nanofabrication of ultracompact light scattering spectroscopic probe for detection of pre-cancer in pancreatic cyst. <i>Optics and Lasers in Engineering</i> , <b>2021</b> , 142, 106616-106616	4.6	0
9	542 Gastroenterologist Sentiment Toward Artificial Intelligence (AI) in Endoscopic Practice: A Nationwide Survey. <i>American Journal of Gastroenterology</i> , <b>2019</b> , 114, S313-S313	0.7	0
8	Gender disparities in advanced endoscopy fellowship. <i>Endoscopy International Open</i> , <b>2021</b> , 9, E338-E342	3	0
7	Adoption of New Technologies: Artificial Intelligence. <i>Gastrointestinal Endoscopy Clinics of North America</i> , <b>2021</b> , 31, 743-758	3.3	0
6	Image of the month: Gastrocolocutaneous fistula due to inadvertent PEG-tube misplacement: diagnosis on colonoscopy. <i>American Journal of Gastroenterology</i> , <b>2012</b> , 107, 1791	0.7	
5	Artificial Intelligence-Assisted Diagnostic Approaches for Pancreatic Disease. <i>Pancreas</i> , <b>2021</b> , 50, e69-e70	0.6	
4	Reply. <i>Gastroenterology</i> , <b>2021</b> , 160, 2212-2213	13.3	
3	Hemorrhage from Extra-Antral Gastric Antral Vascular Ectasia in a Patient with Duodenal Heterotopic Gastric Mucosa. <i>Case Reports in Gastrointestinal Medicine</i> , <b>2016</b> , 2016, 4325302	0.6	
2	Endoscopic ultrasound-guided gallbladder drainage after distension with a high density solution (hyaluronic acid). <i>Endoscopy</i> , <b>2020</b> , 52, E400-E401	3.4	
1	A Polyp Worth Removing: A Paradigm for Measuring Colonoscopy Quality and Performance of Novel Technologies for Polyp Detection. <i>Journal of Clinical Gastroenterology</i> , <b>2021</b> , 55, 733-739	3	

