Laurence B Lovat

List of Publications by Citations

157 papers	6,228 citations	38 h-index	76 g-index
227 ext. papers	7,516 ext. citations	6.6 avg, IF	5.33 L-index

#	Paper	IF	Citations
157	Amyloid load and clinical outcome in AA amyloidosis in relation to circulating concentration of serum amyloid A protein. *Lancet, The*, **2001**, 358, 24-9	40	433
156	Targeted pharmacological depletion of serum amyloid P component for treatment of human amyloidosis. *Nature*, **2002**, 417, 254-9	50.4	412
155	Hereditary diffuse gastric cancer: updated consensus guidelines for clinical management and directions for future research. *Journal of Medical Genetics*, **2010**, 47, 436-44	5.8	411
154	Serum amyloid P component prevents proteolysis of the amyloid fibrils of Alzheimer disease and systemic amyloidosis. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 4299-303	11.5	336
153	Consensus statements for management of Barrett's dysplasia and early-stage esophageal adenocarcinoma, based on a Delphi process. *Gastroenterology*, **2012**, 143, 336-46	13.3	305
152	Ordering of mutations in preinvasive disease stages of esophageal carcinogenesis. *Nature Genetics*, **2014**, 46, 837-843	36.3	240
151	Mutational signatures in esophageal adenocarcinoma define etiologically distinct subgroups with therapeutic relevance. *Nature Genetics*, **2016**, 48, 1131-41	36.3	233
150	Molecular imaging using fluorescent lectins permits rapid endoscopic identification of dysplasia in Barrett's esophagus. *Nature Medicine*, **2012**, 18, 315-21	50.5	221
149	Photodynamic therapy for cancer of the pancreas. *Gut*, **2002**, 50, 549-57	19.2	216
148	Whole-genome sequencing provides new insights into the clonal architecture of Barrett's esophagus and esophageal adenocarcinoma. *Nature Genetics*, **2015**, 47, 1038-1046	36.3	190
147	Radiofrequency ablation and endoscopic mucosal resection for dysplastic barrett's esophagus and early esophageal adenocarcinoma: outcomes of the UK National Halo RFA Registry. *Gastroenterology*, **2013**, 145, 87-95	13.3	184
146	Evaluation of a minimally invasive cell sampling device coupled with assessment of trefoil factor 3 expression for diagnosing Barrett's esophagus: a multi-center case-control study. *PLoS Medicine*, **2015**, 12, e1001780	11.6	162
145	Population-based study reveals new risk-stratification biomarker panel for Barrett's esophagus. *Gastroenterology*, **2012**, 143, 927-35.e3	13.3	127
144	Elastic scattering spectroscopy accurately detects high grade dysplasia and cancer in Barrett's oesophagus. *Gut*, **2006**, 55, 1078-83	19.2	106
143	Mass Spectrometric Analysis of Exhaled Breath for the Identification of Volatile Organic Compound Biomarkers in Esophageal and Gastric Adenocarcinoma. *Annals of Surgery*, **2015**, 262, 981-90	7.8	96
142	Elastic scattering spectroscopy for the diagnosis of colonic lesions: initial results of a novel optical biopsy technique. *Gastrointestinal Endoscopy*, **2006**, 63, 257-61	5.2	92
141	The liver in systemic amyloidosis: insights from 123I serum amyloid P component scintigraphy in 484 patients. *Gut*, **1998**, 42, 727-34	19.2	87

140	Age related changes in gut physiology and nutritional status. *Gut*, **1996**, 38, 306-9	19.2	87
139	Artificial intelligence and computer-aided diagnosis in colonoscopy: current evidence and future directions. *The Lancet Gastroenterology and Hepatology*, **2019**, 4, 71-80	18.8	87
138	The landscape of selection in 551 esophageal adenocarcinomas defines genomic biomarkers for the clinic. *Nature Genetics*, **2019**, 51, 506-516	36.3	86
137	Gastrin-induced cyclooxygenase-2 expression in Barrett's carcinogenesis. *Clinical Cancer Research*, **2004**, 10, 4784-92	12.9	78
136	Improvement over time in outcomes for patients undergoing endoscopic therapy for Barrett's oesophagus-related neoplasia: 6-year experience from the first 500 patients treated in the UK patient registry. *Gut*, **2015**, 64, 1192-9	19.2	72
135	Risk stratification of Barrett's oesophagus using a non-endoscopic sampling method coupled with a biomarker panel: a cohort study. *The Lancet Gastroenterology and Hepatology*, **2017**, 2, 23-31	18.8	71
134	A novel cell-type deconvolution algorithm reveals substantial contamination by immune cells in saliva, buccal and cervix. *Epigenomics*, **2018**, 10, 925-940	4.4	66
133	Cytosponge-trefoil factor 3 versus usual care to identify Barrett's oesophagus in a primary care setting: a multicentre, pragmatic, randomised controlled trial. *Lancet, The*, **2020**, 396, 333-344	40	62
132	Cyclin A immunocytology as a risk stratification tool for Barrett's esophagus surveillance. *Clinical Cancer Research*, **2007**, 13, 659-65	12.9	59
131	Implicit domain adaptation with conditional generative adversarial networks for depth prediction in endoscopy. *International Journal of Computer Assisted Radiology and Surgery*, **2019**, 14, 1167-1176	3.9	48
130	Artificial intelligence for the real-time classification of intrapapillary capillary loop patterns in the endoscopic diagnosis of early oesophageal squamous cell carcinoma: A proof-of-concept study. *United European Gastroenterology Journal*, **2019**, 7, 297-306	5.3	47
129	Identification of Prognostic Phenotypes of Esophageal Adenocarcinoma in 2 Independent Cohorts. *Gastroenterology*, **2018**, 155, 1720-1728.e4	13.3	46
128	Laser augmented by brachytherapy versus laser alone in the palliation of adenocarcinoma of the oesophagus and cardia: a randomised study. *Gut*, **2002**, 50, 224-7	19.2	45
127	A randomised controlled trial of ALA vs. Photofrin photodynamic therapy for high-grade dysplasia arising in Barrett's oesophagus. *Lasers in Medical Science*, **2013**, 28, 707-15	3.1	43
126	Image cytometry accurately detects DNA ploidy abnormalities and predicts late relapse to high-grade dysplasia and adenocarcinoma in Barrett's oesophagus following photodynamic therapy. *British Journal of Cancer*, **2010**, 102, 1608-17	8.7	43
125	Left atrial spontaneous contrast echoes--markers of thromboembolic risk in patients with atrial fibrillation. *European Heart Journal*, **1993**, 14, 326-35	9.5	43
124	Genetic Complexity of Crohn's Disease in Two Large Ashkenazi Jewish Families. *Gastroenterology*, **2016**, 151, 698-709	13.3	43
123	Long-term survival in systemic amyloid A amyloidosis complicating Crohn's disease. *Gastroenterology*, **1997**, 112, 1362-5	13.3	42

122	Photodynamic therapy with m-tetrahydroxyphenyl chlorin for high-grade dysplasia and early cancer in Barrett's columnar lined esophagus. *Gastrointestinal Endoscopy*, **2005**, 62, 617-23	5.2	42
121	Multicenter, randomized, controlled trial of confocal laser endomicroscopy assessment of residual metaplasia after mucosal ablation or resection of GI neoplasia in Barrett's esophagus. *Gastrointestinal Endoscopy*, **2012**, 76, 539-47.e1	5.2	40
120	Radiofrequency ablation for early oesophageal squamous neoplasia: outcomes form United Kingdom registry. *World Journal of Gastroenterology*, **2013**, 19, 6011-9	5.6	40
119	Nutritional supplementation in elderly medical in-patients: a double-blind placebo-controlled trial. *Age and Ageing*, **1996**, 25, 453-7	3	38
118	Development of Evidence-Based Surveillance Intervals After Radiofrequency Ablation of Barrett's Esophagus. *Gastroenterology*, **2018**, 155, 316-326.e6	13.3	37
117	Error removal by orthogonal subtraction (EROS): a customised pre-treatment for spectroscopic data. *Journal of Chemometrics*, **2008**, 22, 130-134	1.6	36
116	Amyloid and the gut. *Digestive Diseases*, **1997**, 15, 155-71	3.2	34
115	The Biology of Photodynamic Therapy in the Gastrointestinal Tract. *Gastrointestinal Endoscopy Clinics of North America*, **2000**, 10, 533-550	3.3	32
114	Characterization of the timing and prevalence of receptor tyrosine kinase expression changes in oesophageal carcinogenesis. *Journal of Pathology*, **2013**, 230, 118-28	9.4	30
113	Optimal conditions for successful ablation of high-grade dysplasia in Barrett's oesophagus using aminolaevulinic acid photodynamic therapy. *Lasers in Medical Science*, **2009**, 24, 729-34	3.1	30
112	Elastic scattering spectroscopy for detection of cancer risk in Barrett's esophagus: experimental and clinical validation of error removal by orthogonal subtraction for increasing accuracy. *Journal of Biomedical Optics*, **2009**, 14, 044022	3.5	29
111	Elastic scattering spectroscopy for detection of dysplasia in Barrett's esophagus. *Gastrointestinal Endoscopy Clinics of North America*, **2004**, 14, 507-17, ix	3.3	29
110	How light dosimetry influences the efficacy of photodynamic therapy with 5-aminolaevulinic acid for ablation of high-grade dysplasia in Barrett's esophagus. *Lasers in Medical Science*, **2008**, 23, 203-10	3.1	26
109	Cell cycle phase abnormalities do not account for disordered proliferation in Barrett's carcinogenesis. *Neoplasia*, **2004**, 6, 751-60	6.4	26
108	Radiofrequency ablation compared with argon plasma coagulation after endoscopic resection of high-grade dysplasia or stage T1 adenocarcinoma in Barrett's esophagus: a randomized pilot study (BRIDE). *Gastrointestinal Endoscopy*, **2019**, 89, 680-689	5.2	25
107	Comparing outcome of radiofrequency ablation in Barrett's with high grade dysplasia and intramucosal carcinoma: a prospective multicenter UK registry. *Endoscopy*, **2015**, 47, 980-7	3.4	24
106	Nd:YAG laser induces long-term remission in transfusion-dependent patients with watermelon stomach. *Lasers in Medical Science*, **2004**, 18, 213-8	3.1	24
105	Identification of Subtypes of Barrett's Esophagus and Esophageal Adenocarcinoma Based on DNA Methylation Profiles and Integration of Transcriptome and Genome Data. *Gastroenterology*, **2020**, 158, 1682-1697.e1	13.3	23

104	Gastro-esophageal reflux disease symptoms and demographic factors as a pre-screening tool for Barrett's esophagus. *PLoS ONE*, **2014**, 9, e94163	3.7	21
103	Dilation or biodegradable stent placement for recurrent benign esophageal strictures: a randomized controlled trial. *Endoscopy*, **2018**, 50, 1146-1155	3.4	19
102	Virtual chromoendoscopy by using optical enhancement improves the detection of Barrett's esophagus-associated neoplasia. *Gastrointestinal Endoscopy*, **2019**, 89, 247-256.e4	5.2	19
101	Achalasia diagnosed despite normal integrated relaxation pressure responds favorably to therapy. *Neurogastroenterology and Motility*, **2019**, 31, e13586	4	18
100	Systematic assessment with I-SCAN magnification endoscopy and acetic acid improves dysplasia detection in patients with Barrett's esophagus. *Endoscopy*, **2017**, 49, 1219-1228	3.4	18
99	Comparison of nuclear texture analysis and image cytometric DNA analysis for the assessment of dysplasia in Barrett's oesophagus. *British Journal of Cancer*, **2011**, 105, 1218-23	8.7	18
98	Scintigraphy with 123I-serum amyloid P component in Alzheimer disease. *Alzheimer Disease and Associated Disorders*, **1998**, 12, 208-10	2.5	18
97	Limitations of transoesophageal echocardiography in patients with focal cerebral ischaemic events. *Heart*, **1992**, 67, 297-303	5.1	18
96	The influence of procedural volume and proficiency gain on mortality from upper GI endoscopic mucosal resection. *Gut*, **2018**, 67, 79-85	19.2	17
95	Development of Photodynamic Antimicrobial Chemotherapy (PACT) for Clostridium difficile. *PLoS ONE*, **2015**, 10, e0135039	3.7	17
94	Radiofrequency ablation is effective for the treatment of high-grade dysplasia in Barrett's esophagus after failed photodynamic therapy. *Endoscopy*, **2011**, 43, 627-30	3.4	16
93	Machine Learning Creates a Simple Endoscopic Classification System that Improves Dysplasia Detection in Barrett's Oesophagus amongst Non-expert Endoscopists. *Gastroenterology Research and Practice*, **2018**, 2018, 1872437	2	16
92	Re-localisation of a biopsy site in endoscopic images and characterisation of its uncertainty. *Medical Image Analysis*, **2012**, 16, 482-96	15.4	15
91	Clonal selection and persistence in dysplastic Barrett's esophagus and intramucosal cancers after failed radiofrequency ablation. *American Journal of Gastroenterology*, **2013**, 108, 1584-92	0.7	15
90	High resolution colonoscopy in a bowel cancer screening program improves polyp detection. *World Journal of Gastroenterology*, **2011**, 17, 4308-13	5.6	15
89	Management of non-variceal upper gastrointestinal bleeding: where are we in 2018?. *Frontline Gastroenterology*, **2019**, 10, 35-42	2.6	15
88	Impaired motility in Barrett's esophagus: A study using high-resolution manometry with physiologic challenge. *Neurogastroenterology and Motility*, **2018**, 30, e13330	4	14
87	Role of body composition and metabolic profile in Barrett's oesophagus and progression to cancer. *European Journal of Gastroenterology and Hepatology*, **2016**, 28, 251-60	2.2	14

86	Long-term durability of radiofrequency ablation for Barrett's-related neoplasia. *Current Opinion in Gastroenterology*, **2015**, 31, 316-20	3	14
85	Barriers and pitfalls for artificial intelligence in gastroenterology: Ethical and regulatory issues. *Techniques and Innovations in Gastrointestinal Endoscopy*, **2020**, 22, 80-84	1.3	14
84	Machine learning to predict early recurrence after oesophageal cancer surgery. *British Journal of Surgery*, **2020**, 107, 1042-1052	5.3	14
83	The Clinical Relevance of Manometric Esophagogastric Junction Outflow Obstruction Can Be Determined Using Rapid Drink Challenge and Solid Swallows. *American Journal of Gastroenterology*, **2021**, 116, 280-288	0.7	13
82	Upregulation of mucin glycoprotein MUC1 in the progression to esophageal adenocarcinoma and therapeutic potential with a targeted photoactive antibody-drug conjugate. *Oncotarget*, **2017**, 8, 25080-25096	3.3	13
81	Establishing key research questions for the implementation of artificial intelligence in colonoscopy: a modified Delphi method. *Endoscopy*, **2021**, 53, 893-901	3.4	13
80	Outcomes from an international multicenter registry of patients with acute gastrointestinal bleeding undergoing endoscopic treatment with Hemospray. *Digestive Endoscopy*, **2020**, 32, 96-105	3.7	13
79	A HER2 selective theranostic agent for surgical resection guidance and photodynamic therapy. *Photochemical and Photobiological Sciences*, **2016**, 15, 1227-1238	4.2	12
78	Research priority setting in Barrett's oesophagus and gastro-oesophageal reflux disease. *The Lancet Gastroenterology and Hepatology*, **2017**, 2, 824-831	18.8	12
77	Predicting endoscopic activity recovery in England after COVID-19: a national analysis. *The Lancet Gastroenterology and Hepatology*, **2021**, 6, 381-390	18.8	12
76	Deep learning-based anatomical site classification for upper gastrointestinal endoscopy. *International Journal of Computer Assisted Radiology and Surgery*, **2020**, 15, 1085-1094	3.9	11
75	A case of chylous ascites. *BMJ: British Medical Journal*, **1993**, 307, 495-7		11
74	Intrapapillary capillary loop classification in magnification endoscopy: open dataset and baseline methodology. *International Journal of Computer Assisted Radiology and Surgery*, **2020**, 15, 651-659	3.9	10
73	4919 A novel optical biopsy technique using elastic scattering spectroscopy for dysplasia and cancer in barrett's esophagus.. *Gastrointestinal Endoscopy*, **2000**, 51, AB227	5.2	10
72	Esophageal neoplasia arising from subsquamous buried glands after an apparently successful photodynamic therapy or radiofrequency ablation for Barrett's associated neoplasia. *Scandinavian Journal of Gastroenterology*, **2015**, 50, 1315-21	2.4	9
71	An optimised saliva collection method to produce high-yield, high-quality RNA for translational research. *PLoS ONE*, **2020**, 15, e0229791	3.7	9
70	Photodynamic therapy using 5-aminolaevulinic acid for the treatment of dysplasia in Barrett's oesophagus. *Expert Opinion on Pharmacotherapy*, **2008**, 9, 851-8	4	9
69	Long-term outcomes of the randomized controlled trial comparing 5-aminolaevulinic acid and Photofrin photodynamic therapy for Barrett's oesophagus related neoplasia. *Scandinavian Journal of Gastroenterology*, **2018**, 53, 527-532	2.4	8

68	Radiofrequency ablation for patients with refractory symptomatic anaemia secondary to gastric antral vascular ectasia. *United European Gastroenterology Journal*, **2019**, 7, 217-224	5.3	7
67	Radiofrequency ablation for Barrett's dysplasia: past, present and the future?. *Current Gastroenterology Reports*, **2015**, 17, 13	5	7
66	Apolipoprotein E4 genotype is not a risk factor for systemic AA amyloidosis or familial amyloid polyneuropathy. *Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis*, **1995**, 2, 163-166	2.7	7
65	Using antibody directed phototherapy to target oesophageal adenocarcinoma with heterogeneous HER2 expression. *Oncotarget*, **2018**, 9, 22945-22959	3.3	7
64	Biopsy site re-localisation based on the computation of epipolar lines from two previous endoscopic images. *Lecture Notes in Computer Science*, **2009**, 12, 491-8	0.9	7
63	Development and validation of a risk prediction model to diagnose Barrett's oesophagus (MARK-BE): a case-control machine learning approach. *The Lancet Digital Health*, **2020**, 2, E37-E48	14.4	7
62	Hemostatic spray powder TC-325 in the primary endoscopic treatment of peptic ulcer-related bleeding: multicenter international registry. *Endoscopy*, **2021**, 53, 36-43	3.4	7
61	A New Look at Familial Risk of Inflammatory Bowel Disease in the Ashkenazi Jewish Population. *Digestive Diseases and Sciences*, **2018**, 63, 3049-3057	4	7
60	54 Evaluation of a Minimally-Invasive Cytosponge Esophageal Cell Collection System in Patients With Barrett's Esophagus. *Gastroenterology*, **2015**, 148, S-16	13.3	6
59	Lasers in gastroenterology. *World Journal of Gastroenterology*, **2001**, 7, 317-23	5.6	6
58	A cost-effectiveness analysis of endoscopic eradication therapy for management of dysplasia arising in patients with Barrett's oesophagus in the United Kingdom. *Current Medical Research and Opinion*, **2019**, 35, 805-815	2.5	6
57	Cost-effectiveness analysis of endoscopic eradication therapy for treatment of high-grade dysplasia in Barrett's esophagus. *Journal of Comparative Effectiveness Research*, **2017**, 6, 425-436	2.1	5
56	Miniature gastrointestinal endoscopy: Now and the future. *World Journal of Gastroenterology*, **2019** , 25, 4051-4060	5.6	5
55	Learning curves and the influence of procedural volume for the treatment of dysplastic Barrett's esophagus. *Gastrointestinal Endoscopy*, **2020**, 92, 543-550.e1	5.2	5
54	How to Perform a High-Quality Examination in Patients With Barrett's Esophagus. *Gastroenterology* , **2018**, 154, 1222-1226	13.3	5
53	OPTICAL MEASUREMENT OF PHOTOSENSITIZER CONCENTRATION IN VIVO. *Journal of Innovative Optical Health Sciences*, **2011**, 04, 97-111	1.2	5
52	A system for biopsy site re-targeting with uncertainty in gastroenterology and oropharyngeal examinations. *Lecture Notes in Computer Science*, **2010**, 13, 514-21	0.9	5
51	Sa2030 DEEP NEURAL NETWORK FOR THE DETECTION OF EARLY NEOPLASIA IN BARRETT'S OESOPHAGUS. *Gastrointestinal Endoscopy*, **2020**, 91, AB250	5.2	5

50	Designing Visual Markers for Continuous Artificial Intelligence Support. *ACM Transactions on Computing for Healthcare*, **2021**, 2, 1-24	2.6	5
49	Comparison of two multiband mucosectomy devices for endoscopic resection of Barrett's esophagus-related neoplasia. *Surgical Endoscopy and Other Interventional Techniques*, **2019**, 33, 3665-3672	5.2	4
48	Advances in diagnostic endoscopy. *Medicine*, **2011**, 39, 279-283	0.6	4
47	Diagnosis of dysplasia in Barrett's oesophagus with in-situ elastic-scattering spectroscopy **2000**, 4161, 122		4
46	Monitoring the premalignant potential of Barrett's oesophagus'. *Frontline Gastroenterology*, **2016**, 7, 316-322	2.6	4
45	Rare coding variant analysis in a large cohort of Ashkenazi Jewish families with inflammatory bowel disease. *Human Genetics*, **2018**, 137, 723-734	6.3	4
44	Quality indicators for Barrett's endotherapy (QBET): UK consensus statements for patients undergoing endoscopic therapy for Barrett's neoplasia. *Frontline Gastroenterology*, **2020**, 11, 259-271	2.6	3
43	Immunohistochemical assessment of Survivin and Bcl3 expression as potential biomarkers for NF-B activation in the Barrett metaplasia-dysplasia-adenocarcinoma sequence. *International Journal of Experimental Pathology*, **2018**, 99, 10-14	2.8	3
42	Intracorporeal lymph node mapping in colon cancer surgery. *European Journal of Surgical Oncology*, **2019**, 45, 2316-2318	3.6	3
41	SIRT--an uncommon cause of gastroduodenal ulceration. *Histopathology*, **2009**, 55, 114-5	7.3	3
40	Advances in diagnostic endoscopy. *Medicine*, **2007**, 35, 330-332	0.6	3
39	Squamous cell carcinoma after radiofrequency ablation for Barrett's dysplasia. *World Journal of Gastroenterology*, **2014**, 20, 4453-6	5.6	3
38	Role of artificial intelligence in the diagnosis of oesophageal neoplasia: 2020 an endoscopic odyssey. *World Journal of Gastroenterology*, **2020**, 26, 5784-5796	5.6	3
37	Endoscopic Polyp Segmentation Using a Hybrid 2D/3D CNN. *Lecture Notes in Computer Science*, **2020**, 295-305	0.9	3
36	Supporting laparoscopic general surgery training with digital technology: The United Kingdom and Ireland paradigm. *BMC Surgery*, **2021**, 21, 123	2.3	3
35	Hemostatic powder TC-325 treatment of malignancy-related upper gastrointestinal bleeds: International registry outcomes. *Journal of Gastroenterology and Hepatology (Australia)*, **2021**, 36, 3027-3032	4	3
34	Acceptability to patients of screening disposable transnasal endoscopy: qualitative interview analysis. *BMJ Open*, **2019**, 9, e030467	3	3
33	Advances in diagnostic and therapeutic endoscopy. *Medicine*, **2019**, 47, 440-447	0.6	2

32	Outcomes of Hemospray therapy in the treatment of intraprocedural upper gastrointestinal bleeding post-endoscopic therapy. *United European Gastroenterology Journal*, **2020**, 8, 1155-1162	5.3	2
31	887 Evidence-based Surveillance Intervals Following Radiofrequency Ablation (RFA) of Barrett Esophagus (BE): An Analysis of Recurrence in the US RFA Registry with Validation in the UK National Halo Registry. *Gastrointestinal Endoscopy*, **2016**, 83, AB181	5.2	2
30	566 BRIDE (Barrett's Randomised Intervention for Dysplasia by Endoscopy) -Results of a Feasibility Study Comparing Argon Plasma Coagulation (APC) With Radiofrequency Ablation (RFA) After Endoscopic Resection of Patients With High Grade Dysplasia or T1 Adenocarcinoma in Barrett's Esophagus. *Gastrointestinal Endoscopy*, **2016**, 83, AB151	5.2	2
29	Using Data Mining to Help Detect Dysplasia: Extended Abstract **2014**,		2
28	MIAT: A novel attribute selection approach to better predict upper gastrointestinal cancer **2015**,		2
27	In-vivo detection of pre-cancerous changes in Barrett's esophagus using elastic scattering spectroscopy (ESS) **2005**,		2
26	7048 Relief of dysphagia with self expanding metal stents is far from perfect.. *Gastrointestinal Endoscopy*, **2000**, 51, AB254	5.2	2
25	Risk of lymph node metastases in patients with T1b oesophageal adenocarcinoma: A retrospective single centre experience. *World Journal of Gastroenterology*, **2018**, 24, 4698-4707	5.6	2
24	Falls Prediction in Care Homes Using Mobile App Data Collection. *Lecture Notes in Computer Science* , **2020**, 403-413	0.9	2
23	A comparison of epithelial cell content of oral samples estimated using cytology and DNA methylation. *Epigenetics*, **2021**, 1-8	5.7	2
22	Artificial intelligence for colorectal polyp detection: are we ready for prime time?. *Journal of Medical Artificial Intelligence*, **2019**, 2, 16-16	1.6	2
21	Novel epigenetic network biomarkers for early detection of esophageal cancer.. *Clinical Epigenetics*, **2022**, 14, 23	7.7	2
20	The role of endoscopic ultrasonography in Barrett's esophagus and early esophageal cancer. *Techniques in Gastrointestinal Endoscopy*, **2010**, 12, 12-17	0.8	1
19	Optical biopsy for the diagnosis of dysplasia in Barrett's oesophagus **2002**,		1
18	Significance of genetic abnormalities after photodynamic therapy. *Gastroenterology*, **2001**, 120, 1064-5; author reply1065-6	13.3	1
17	Low-cost and clinically applicable copy number profiling using repeat DNA		1
16	Randomized studies for Barrett's ablation: identifying the most cost-effective solutions by keeping an open mind. *Gastrointestinal Endoscopy*, **2020**, 91, 1218-1220	5.2	1
15	Utility and Cost-Effectiveness of a Nonendoscopic Approach to Barrett's Esophagus Surveillance After Endoscopic Therapy. *Clinical Gastroenterology and Hepatology*, **2021**,	6.9	1

14	A clinically interpretable convolutional neural network for the real-time prediction of early squamous cell cancer of the esophagus: comparing diagnostic performance with a panel of expert European and Asian endoscopists. *Gastrointestinal Endoscopy*, **2021**, 94, 273-281	5.2	1
13	The cost-effectiveness of radiofrequency ablation for treating patients with gastric antral vascular ectasia refractory to first line endoscopic therapy. *Current Medical Research and Opinion*, **2020**, 36, 977-983	2.5	0
12	How COVID-19 has changed the unselected medical take: an observational study. *Clinical Medicine*, **2020**, 20, e229-e233	1.9	0
11	Cryoballoon ablation for treatment of patients with refractory esophageal neoplasia after first line endoscopic eradication therapy. *Endoscopy International Open*, **2020**, 8, E891-E899	3	0
10	Radiofrequency ablation for Barrett's oesophagus related neoplasia with the 360 Express catheter: initial experience from the United Kingdom and Ireland-preliminary results. *Surgical Endoscopy and Other Interventional Techniques*, **2021**, 1	5.2	0
9	Copper nanowire embedded hypromellose: An antibacterial nanocomposite film. *Journal of Colloid and Interface Science*, **2022**, 608, 30-39	9.3	0
8	Optical diagnosis of colorectal polyps using convolutional neural networks. *World Journal of Gastroenterology*, **2021**, 27, 5908-5918	5.6	0
7	Initial Responses to False Positives in AI-Supported Continuous Interactions: A Colonoscopy Case Study. *ACM Transactions on Interactive Intelligent Systems*, **2022**, 12, 1-18	1.8	0
6	Reply to Dong et al. *Endoscopy*, **2019**, 51, 700	3.4	
5	Advances in diagnostic and therapeutic endoscopy. *Medicine*, **2015**, 43, 334-340	0.6	
4	Reply to Kristo et al. *Endoscopy*, **2016**, 48, 93	3.4	
3	Barrett's Esophagus and Gastroesophageal Reflux Disease Diagnosis and Therapy **2013**, 521		
2	Lasers in Esophageal Cancer145-150		
1	The natural history of low-grade dysplasia in Barrett's esophagus and risk factors for progression. *JGH Open*, **2021**, 5, 1019-1025	1.8	