Laurence B Lovat

List of Publications by Year
in descending order

217 papers	8,381 citations	71102 41 h-index	51608 86 g-index
227 all docs	227 docs citations	227 times ranked	8791 citing authors

#	Article	IF	Citations
1	Amyloid load and clinical outcome in AA amyloidosis in relation to circulating concentration of serum amyloid A protein. Lancet, The, 2001, 358, 24-29.	13.7	520
2	Targeted pharmacological depletion of serum amyloid P component for treatment of human amyloidosis. Nature, 2002, 417, 254-259.	27.8	495
3	Hereditary diffuse gastric cancer: updated consensus guidelines for clinical management and directions for future research. Journal of Medical Genetics, 2010, 47, 436-444.	3.2	495
4	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, 4299-4303.	7.1	383
5	Consensus Statements for Management of Barrett's Dysplasia and Early-Stage Esophageal Adenocarcinoma, Based on a Delphi Process. Gastroenterology, 2012, 143, 336-346.	1.3	365
6	Mutational signatures in esophageal adenocarcinoma define etiologically distinct subgroups with therapeutic relevance. Nature Genetics, 2016, 48, 1131-1141.	21.4	332
7	Ordering of mutations in preinvasive disease stages of esophageal carcinogenesis. Nature Genetics, 2014, 46, 837-843.	21.4	302
8	Molecular imaging using fluorescent lectins permits rapid endoscopic identification of dysplasia in Barrett's esophagus. Nature Medicine, 2012, 18, 315-321.	30.7	285
9	Photodynamic therapy for cancer of the pancreas. Gut, 2002, 50, 549-557.	12.1	264
10	Whole-genome sequencing provides new insights into the clonal architecture of Barrett's esophagus and esophageal adenocarcinoma. Nature Genetics, 2015, 47, 1038-1046.	21.4	262
11	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.	1.3	223
12	Evaluation of a Minimally Invasive Cell Sampling Device Coupled with Assessment of Trefoil Factor 3 Expression for Diagnosing Barrett's Esophagus: A Multi-Center Caseâ€“Control Study. PLoS Medicine, 2015, 12, e1001780.	8.4	212
13	The landscape of selection in 551 esophageal adenocarcinomas defines genomic biomarkers for the clinic. Nature Genetics, 2019, 51, 506-516.	21.4	166
14	Population-Based Study Reveals New Risk-Stratification Biomarker Panel for Barrett's Esophagus. Gastroenterology, 2012, 143, 927-935.e3.	1.3	151
15	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.	13.7	143
16	Artificial intelligence and computer-aided diagnosis in colonoscopy: current evidence and future directions. The Lancet Gastroenterology and Hepatology, 2019, 4, 71-80.	8.1	142
17	Mass Spectrometric Analysis of Exhaled Breath for the Identification of Volatile Organic Compound Biomarkers in Esophageal and Gastric Adenocarcinoma. Annals of Surgery, 2015, 262, 981-990.	4.2	138
18	Elastic scattering spectroscopy accurately detects high grade dysplasia and cancer in Barrett's oesophagus. Gut, 2005, 55, 1078-1083.	12.1	119

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19	A novel cell-type deconvolution algorithm reveals substantial contamination by immune cells in saliva, buccal and cervix. Epigenomics, 2018, 10, 925-940.	2.1	116
20	Age related changes in gut physiology and nutritional status.. Gut, 1996, 38, 306-309.	12.1	113
21	The liver in systemic amyloidosis: insights from ¹²³I serum amyloid P component scintigraphy in 484 patients. Gut, 1998, 42, 727-734.	12.1	110
22	Elastic scattering spectroscopy for the diagnosis of colonic lesions: initial results of a novel optical biopsy technique. Gastrointestinal Endoscopy, 2006, 63, 257-261.	1.0	109
23	Gastrin-Induced Cyclooxygenase-2 Expression in Barrettâ€™s Carcinogenesis. Clinical Cancer Research, 2004, 10, 4784-4792.	7.0	87
24	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.	8.1	87
25	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.	2.8	87
26	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, 1192-1199.	12.1	86
27	Identification of Prognostic Phenotypes of Esophageal Adenocarcinoma in 2 Independent Cohorts. Gastroenterology, 2018, 155, 1720-1728.e4.	1.3	67
28	Artificial intelligence for the realâ€time classification of intrapapillary capillary loop patterns in the endoscopic diagnosis of early oesophageal squamous cell carcinoma: A proofâ€ofâ€concept study. United European Gastroenterology Journal, 2019, 7, 297-306.	3.8	67
29	Cyclin A Immunocytology as a Risk Stratification Tool for Barrett's Esophagus Surveillance. Clinical Cancer Research, 2007, 13, 659-665.	7.0	65
30	Development of Evidence-Based Surveillance Intervals After Radiofrequency Ablation of Barrettâ€™s Esophagus. Gastroenterology, 2018, 155, 316-326.e6.	1.3	60
31	Laser augmented by brachytherapy versus laser alone in the palliation of adenocarcinoma of the oesophagus and cardia: a randomised study. Gut, 2002, 50, 224-227.	12.1	59
32	Identification of Subtypes of Barrettâ€™s Esophagus and Esophageal Adenocarcinoma Based on DNA Methylation Profiles and Integration of Transcriptome and Genome Data. Gastroenterology, 2020, 158, 1682-1697.e1.	1.3	58
33	Genetic Complexity of Crohnâ€™s Disease in Two Large Ashkenazi Jewish Families. Gastroenterology, 2016, 151, 698-709.	1.3	54
34	Radiofrequency ablation for early oesophageal squamous neoplasia: Outcomes form United Kingdom registry. World Journal of Gastroenterology, 2013, 19, 6011.	3.3	54
35	Long-term survival in systemic amyloid A amyloidosis complicating Crohn's disease. Gastroenterology, 1997, 112, 1362-1365.	1.3	53
36	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, 1608-1617.	6.4	51

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37	A randomised controlled trial of ALA vs. Photofrin photodynamic therapy for high-grade dysplasia arising in Barrettâ€™s oesophagus. Lasers in Medical Science, 2013, 28, 707-715.	2.1	51
38	Photodynamic therapy with m-tetrahydroxyphenyl chlorin for high-grade dysplasia and early cancer in Barrett's columnar lined esophagus. Gastrointestinal Endoscopy, 2005, 62, 617-623.	1.0	50
39	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, 539-547.e1.	1.0	49
40	Radiofrequency ablation compared with argon plasma coagulation after endoscopic resection of high-grade dysplasia or stage T1 adenocarcinoma in Barrettâ€™s esophagus: a randomized pilot study (BRIDE). Gastrointestinal Endoscopy, 2019, 89, 680-689.	1.0	49
41	Left atrial spontaneous contrast echoes -- markers of thromboembolic risk in patients with atrial fibrillation. European Heart Journal, 1993, 14, 326-335.	2.2	44
42	Nutritional Supplementation in Elderly Medical In-patients: A Double-blind Placebo-controlled Trial. Age and Ageing, 1996, 25, 453-457.	1.6	42
43	Error removal by orthogonal subtraction (EROS): a customised preâ€treatment for spectroscopic data. Journal of Chemometrics, 2008, 22, 130-134.	1.3	42
44	Predicting endoscopic activity recovery in England after COVID-19: a national analysis. The Lancet Gastroenterology and Hepatology, 2021, 6, 381-390.	8.1	40
45	Amyloid and the Gut. Digestive Diseases, 1997, 15, 155-171.	1.9	36
46	Characterization of the timing and prevalence of receptor tyrosine kinase expression changes in oesophageal carcinogenesis. Journal of Pathology, 2013, 230, 118-128.	4.5	35
47	Establishing key research questions for the implementation of artificial intelligence in colonoscopy: a modified Delphi method. Endoscopy, 2021, 53, 893-901.	1.8	35
48	Machine learning to predict early recurrence after oesophageal cancer surgery. British Journal of Surgery, 2020, 107, 1042-1052.	0.3	35
49	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.	0.4	35
50	The Biology of Photodynamic Therapy in the Gastrointestinal Tract. Gastrointestinal Endoscopy Clinics of North America, 2000, 10, 533-550.	1.4	33
51	Optimal conditions for successful ablation of high-grade dysplasia in Barrettâ€™s oesophagus using aminolaevulinic acid photodynamic therapy. Lasers in Medical Science, 2009, 24, 729-734.	2.1	33
52	Elastic scattering spectroscopy for detection of dysplasia in Barrett's esophagus. Gastrointestinal Endoscopy Clinics of North America, 2004, 14, 507-517.	1.4	32
53	How light dosimetry influences the efficacy of photodynamic therapy with 5-aminolaevulinic acid for ablation of high-grade dysplasia in Barrettâ€™s esophagus. Lasers in Medical Science, 2008, 23, 203-210.	2.1	32
54	Comparing outcome of radiofrequency ablation in Barrettâ€™s with high grade dysplasia and intramucosal carcinoma: a prospective multicenter UK registry. Endoscopy, 2015, 47, 980-987.	1.8	32

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55	Elastic scattering spectroscopy for detection of cancer risk in Barrettâ€™s esophagus: experimental and clinical validation of error removal by orthogonal subtraction for increasing accuracy. Journal of Biomedical Optics, 2009, 14, 044022.	2.6	31
56	Virtual chromoendoscopy by using optical enhancement improves the detection of Barrettâ€™s esophagusâ€“associated neoplasia. Gastrointestinal Endoscopy, 2019, 89, 247-256.e4.	1.0	31
57	Dilation or biodegradable stent placement for recurrent benign esophageal strictures: a randomized controlled trial. Endoscopy, 2018, 50, 1146-1155.	1.8	30
58	Cell Cycle Phase Abnormalities Do Not Account for Disordered Proliferation in Barrett's Carcinogenesis. Neoplasia, 2004, 6, 751-760.	5.3	29
59	Barriers and pitfalls for artificial intelligence in gastroenterology: Ethical and regulatory issues. Techniques and Innovations in Gastrointestinal Endoscopy, 2020, 22, 80-84.	0.9	29
60	Nd:YAG laser induces long-term remission in transfusion-dependent patients with watermelon stomach. Lasers in Medical Science, 2004, 18, 213-218.	2.1	28
61	Deep learning-based anatomical site classification for upper gastrointestinal endoscopy. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1085-1094.	2.8	27
62	Gastro-Esophageal Reflux Disease Symptoms and Demographic Factors as a Pre-Screening Tool for Barrettâ€™s Esophagus. PLoS ONE, 2014, 9, e94163.	2.5	27
63	Achalasia diagnosed despite normal integrated relaxation pressure responds favorably to therapy. Neurogastroenterology and Motility, 2019, 31, e13586.	3.0	26
64	Systematic assessment with I-SCAN magnification endoscopy and acetic acid improves dysplasia detection in patients with Barrettâ€™s esophagus. Endoscopy, 2017, 49, 1219-1228.	1.8	24
65	Management of non-variceal upper gastrointestinal bleeding: where are we in 2018?. Frontline Gastroenterology, 2019, 10, 35-42.	1.8	24
66	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, 1218-1223.	6.4	23
67	The influence of procedural volume and proficiency gain on mortality from upper GI endoscopic mucosal resection. Gut, 2018, 67, 79-85.	12.1	23
68	Machine Learning Creates a Simple Endoscopic Classification System that Improves Dysplasia Detection in Barrettâ€™s Oesophagus amongst Non-expert Endoscopists. Gastroenterology Research and Practice, 2018, 2018, 1-9.	1.5	23
69	An optimised saliva collection method to produce high-yield, high-quality RNA for translational research. PLoS ONE, 2020, 15, e0229791.	2.5	23
70	Development of Photodynamic Antimicrobial Chemotherapy (PACT) for Clostridium difficile. PLoS ONE, 2015, 10, e0135039.	2.5	23
71	Scintigraphy with 123I-Serum Amyloid P Component in Alzheimer Disease. Alzheimer Disease and Associated Disorders, 1998, 12, 208-210.	1.3	21
72	Clonal Selection and Persistence in Dysplastic BarrettÊ¼s Esophagus and Intramucosal Cancers After Failed Radiofrequency Ablation. American Journal of Gastroenterology, 2013, 108, 1584-1592.	0.4	21

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73	Outcomes from an international multicenter registry of patients with acute gastrointestinal bleeding undergoing endoscopic treatment with Hemospray. Digestive Endoscopy, 2020, 32, 96-105.	2.3	21
74	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.	1.8	21
75	High resolution colonoscopy in a bowel cancer screening program improves polyp detection. World Journal of Gastroenterology, 2011, 17, 4308.	3.3	21
76	Robotics, artificial intelligence and distributed ledgers in surgery: data is key!. Techniques in Coloproctology, 2018, 22, 645-648.	1.8	20
77	Hemostatic spray powder TC-325 in the primary endoscopic treatment of peptic ulcer-related bleeding: multicenter international registry. Endoscopy, 2021, 53, 36-43.	1.8	20
78	Limitations of transoesophageal echocardiography in patients with focal cerebral ischaemic events.. Heart, 1992, 67, 297-303.	2.9	19
79	Photodynamic therapy using 5-aminolaevulinic acid for the treatment of dysplasia in Barrett's oesophagus. Expert Opinion on Pharmacotherapy, 2008, 9, 851-858.	1.8	19
80	Impaired motility in Barrett's esophagus: A study using high-resolution manometry with physiologic challenge. Neurogastroenterology and Motility, 2018, 30, e13330.	3.0	19
81	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.	12.3	19
82	Radiofrequency ablation is effective for the treatment of high-grade dysplasia in Barrettâ€™s esophagus after failed photodynamic therapy. Endoscopy, 2011, 43, 627-630.	1.8	17
83	Long-term durability of radiofrequency ablation for BarrettÊ¼s-related neoplasia. Current Opinion in Gastroenterology, 2015, 31, 316-320.	2.3	17
84	Role of body composition and metabolic profile in Barrettâ€™s oesophagus and progression to cancer. European Journal of Gastroenterology and Hepatology, 2016, 28, 251-260.	1.6	17
85	Intrapapillary capillary loop classification in magnification endoscopy: open dataset and baseline methodology. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 651-659.	2.8	17
86	Clonal Transitions and Phenotypic Evolution in Barrettâ€™s Esophagus. Gastroenterology, 2022, 162, 1197-1209.e13.	1.3	17
87	Endoscopic eradication therapy for Barrettâ€™s esophagusâ€“related neoplasia: a final 10-year report from the UK National HALO Radiofrequency Ablation Registry. Gastrointestinal Endoscopy, 2022, 96, 223-233.	1.0	17
88	A new artificial intelligence system successfully detectsÂand localises early neoplasia in Barrett's esophagus by using convolutional neural networks. United European Gastroenterology Journal, 2022, 10, 528-537.	3.8	16
89	Re-localisation of a biopsy site in endoscopic images and characterisation of its uncertainty. Medical Image Analysis, 2012, 16, 482-496.	11.6	15
90	Research priority setting in Barrett's oesophagus and gastro-oesophageal reflux disease. The Lancet Gastroenterology and Hepatology, 2017, 2, 824-831.	8.1	15

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91	Long-term outcomes of the randomized controlled trial comparing 5-aminolaevulinic acid and Photofrin photodynamic therapy for Barrettâ€™s oesophagus related neoplasia. Scandinavian Journal of Gastroenterology, 2018, 53, 527-532.	1.5	15
92	A HER2 selective theranostic agent for surgical resection guidance and photodynamic therapy. Photochemical and Photobiological Sciences, 2016, 15, 1227-1238.	2.9	14
93	Supporting laparoscopic general surgery training with digital technology: The United Kingdom and Ireland paradigm. BMC Surgery, 2021, 21, 123.	1.3	14
94	A case of chylous ascites.. BMJ: British Medical Journal, 1993, 307, 495-497.	2.3	13
95	A New Look at Familial Risk of Inflammatory Bowel Disease in the Ashkenazi Jewish Population. Digestive Diseases and Sciences, 2018, 63, 3049-3057.	2.3	13
96	Miniature gastrointestinal endoscopy: Now and the future. World Journal of Gastroenterology, 2019, 25, 4051-4060.	3.3	13
97	Designing Visual Markers for Continuous Artificial Intelligence Support. ACM Transactions on Computing for Healthcare, 2021, 2, 1-24.	5.0	13
98	Performance of artificial intelligence for detection of subtle and advanced colorectal neoplasia. Digestive Endoscopy, 2022, 34, 862-869.	2.3	13
99	Esophageal neoplasia arising from subsquamous buried glands after an apparently successful photodynamic therapy or radiofrequency ablation for Barrettâ€™s associated neoplasia. Scandinavian Journal of Gastroenterology, 2015, 50, 1315-1321.	1.5	12
100	4919 A novel optical biopsy technique using elastic scattering spectroscopy for dysplasia and cancer in barrett's esophagus.. Gastrointestinal Endoscopy, 2000, 51, AB227.	1.0	11
101	How to Perform a High-Quality Examination in Patients With Barrettâ€™s Esophagus. Gastroenterology, 2018, 154, 1222-1226.	1.3	11
102	A comparison of epithelial cell content of oral samples estimated using cytology and DNA methylation. Epigenetics, 2022, 17, 327-334.	2.7	11
103	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.	1.0	11
104	Copper nanowire embedded hypromellose: An antibacterial nanocomposite film. Journal of Colloid and Interface Science, 2022, 608, 30-39.	9.4	11
105	Endoscopic Polyp Segmentation Using a Hybrid 2D/3D CNN. Lecture Notes in Computer Science, 2020, , 295-305.	1.3	11
106	Using antibody directed phototherapy to target oesophageal adenocarcinoma with heterogeneous HER2 expression. Oncotarget, 2018, 9, 22945-22959.	1.8	11
107	Novel epigenetic network biomarkers for early detection of esophageal cancer. Clinical Epigenetics, 2022, 14, 23.	4.1	11
108	Hemostatic powder TCâ€325 treatment of malignancyâ€related upper gastrointestinal bleeds: International registry outcomes. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 3027-3032.	2.8	10

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109	Intracorporeal lymph node mapping in colon cancer surgery. European Journal of Surgical Oncology, 2019, 45, 2316-2318.	1.0	9
110	Comparison of two multiband mucosectomy devices for endoscopic resection of Barrettâ€™s esophagus-related neoplasia. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3665-3672.	2.4	9
111	Radiofrequency ablation for patients with refractory symptomatic anaemia secondary to gastric antral vascular ectasia. United European Gastroenterology Journal, 2019, 7, 217-224.	3.8	9
112	A cost-effectiveness analysis of endoscopic eradication therapy for management of dysplasia arising in patients with Barrettâ€™s oesophagus in the United Kingdom. Current Medical Research and Opinion, 2019, 35, 805-815.	1.9	9
113	Outcomes of Hemospray therapy in the treatment of intraprocedural upper gastrointestinal bleeding postâ€endoscopic therapy. United European Gastroenterology Journal, 2020, 8, 1155-1162.	3.8	9
114	Role of artificial intelligence in the diagnosis of oesophageal neoplasia: 2020 an endoscopic odyssey. World Journal of Gastroenterology, 2020, 26, 5784-5796.	3.3	9
115	Lasers in gastroenterology. World Journal of Gastroenterology, 2001, 7, 317.	3.3	9
116	Rare coding variant analysis in a large cohort of Ashkenazi Jewish families with inflammatory bowel disease. Human Genetics, 2018, 137, 723-734.	3.8	8
117	Acceptability to patients of screening disposable transnasal endoscopy: qualitative interview analysis. BMJ Open, 2019, 9, e030467.	1.9	8
118	Human-machine collaboration: bringing artificial intelligence into colonoscopy. Frontline Gastroenterology, 2019, 10, 198-199.	1.8	8
119	Risk of lymph node metastases in patients with T1b oesophageal adenocarcinoma: A retrospective single centre experience. World Journal of Gastroenterology, 2018, 24, 4698-4707.	3.3	8
120	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.	3.0	7
121	Radiofrequency Ablation for Barrettâ€™s Dysplasia: Past, Present and the Future?. Current Gastroenterology Reports, 2015, 17, 13.	2.5	7
122	Monitoring the premalignant potential of Barrett's oesophagus'. Frontline Gastroenterology, 2016, 7, 316-322.	1.8	7
123	Learning curves and the influence of procedural volume for the treatment of dysplastic Barrettâ€™s esophagus. Gastrointestinal Endoscopy, 2020, 92, 543-550.e1.	1.0	7
124	Optical diagnosis of colorectal polyps using convolutional neural networks. World Journal of Gastroenterology, 2021, 27, 5908-5918.	3.3	7
125	Biopsy Site Re-localisation Based on the Computation of Epipolar Lines from Two Previous Endoscopic Images. Lecture Notes in Computer Science, 2009, 12, 491-498.	1.3	7
126	OPTICAL MEASUREMENT OF PHOTOSENSITIZER CONCENTRATION IN VIVO. Journal of Innovative Optical Health Sciences, 2011, 04, 97-111.	1.0	6

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127	54 Evaluation of a Minimally-Invasive Cytosponge Esophageal Cell Collection System in Patients With Barrett's Esophagus. Gastroenterology, 2015, 148, S-16.	1.3	6
128	Costâ€“effectiveness analysis of endoscopic eradication therapy for treatment of high-grade dysplasia in Barrettâ€™s esophagus. Journal of Comparative Effectiveness Research, 2017, 6, 425-436.	1.4	6
129	Sa2030 DEEP NEURAL NETWORK FOR THE DETECTION OF EARLY NEOPLASIA IN BARRETT'S OESOPHAGUS. Gastrointestinal Endoscopy, 2020, 91, AB250.	1.0	6
130	Quality indicators for Barrettâ€™s endotherapy (QBET): UK consensus statements for patients undergoing endoscopic therapy for Barrettâ€™s neoplasia. Frontline Gastroenterology, 2020, 11, 259-271.	1.8	6
131	Survey on the perceptions of UK gastroenterologists and endoscopists to artificial intelligence. Frontline Gastroenterology, 2022, 13, 423-429.	1.8	6
132	Multisensor perfusion assessment cohort study: Preliminary evidence toward a standardized assessment of indocyanine green fluorescence in colorectal surgery. Surgery, 2022, 172, 69-73.	1.9	6
133	Initial Responses to False Positives in AI-Supported Continuous Interactions: A Colonoscopy Case Study. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-18.	3.7	6
134	Diagnosis of dysplasia in Barrett's oesophagus with in-situ elastic-scattering spectroscopy. , 2000, 4161, 122.		5
135	SIRT â€“ an uncommon cause of gastroduodenal ulceration. Histopathology, 2009, 55, 114-115.	2.9	5
136	Immunohistochemical assessment of Survivin and Bcl3 expression as potential biomarkers for <scp>NF</scp>â€ºB activation in the Barrett metaplasiaâ€“dysplasiaâ€“adenocarcinoma sequence. International Journal of Experimental Pathology, 2018, 99, 10-14.	1.3	5
137	Falls Prediction in Care Homes Using Mobile App Data Collection. Lecture Notes in Computer Science, 2020, , 403-413.	1.3	5
138	A System for Biopsy Site Re-targeting with Uncertainty in Gastroenterology and Oropharyngeal Examinations. Lecture Notes in Computer Science, 2010, 13, 514-521.	1.3	5
139	Advances in diagnostic endoscopy. Medicine, 2007, 35, 330-332.	0.4	4
140	Advances in diagnostic endoscopy. Medicine, 2011, 39, 279-283.	0.4	4
141	Squamous cell carcinoma after radiofrequency ablation for Barrett's dysplasia. World Journal of Gastroenterology, 2014, 20, 4453.	3.3	4
142	The role of endoscopic ultrasonography in Barrett's esophagus and early esophageal cancer. Techniques in Gastrointestinal Endoscopy, 2010, 12, 12-17.	0.3	3
143	Using Data Mining to Help Detect Dysplasia: Extended Abstract. , 2014, , .		3
144	MIAT: A novel attribute selection approach to better predict upper gastrointestinal cancer. , 2015, , .		3

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145	Artificial intelligence for colorectal polyp detection: are we ready for prime time?. Journal of Medical Artificial Intelligence, 0, 2, 16-16.	1.1	3
146	Cryoballoon ablation for treatment of patients with refractory esophageal neoplasia after first line endoscopic eradication therapy. Endoscopy International Open, 2020, 08, E891-E899.	1.8	3
147	Accuracy of clinical staging for T2N0 oesophageal cancer: systematic review and meta-analysis. Ecological Management and Restoration, 2021, 34, .	0.4	3
148	Radiofrequency ablation for Barrettâ€™s oesophagus related neoplasia with the 360 Express catheter: initial experience from the United Kingdom and Irelandâ€”preliminary results. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 598-606.	2.4	3
149	The natural history of lowâ€grade dysplasia in Barrett's esophagus and risk factors for progression. JGH Open, 2021, 5, 1019-1025.	1.6	3
150	7048 Relief of dysphagia with self expanding metal stents is far from perfect.. Gastrointestinal Endoscopy, 2000, 51, AB254.	1.0	2
151	In-vivo detection of pre-cancerous changes in Barrett's esophagus using elastic scattering spectroscopy (ESS). , 2005, , .		2
152	ALA PDT for high grade dysplasia in Barrett's oesophagus: review of a decade's experience. Proceedings of SPIE, 2009, , .	0.8	2
153	Photodynamic therapy of pancreatic cancer and elastic scattering spectroscopy of the duodenal mucosa for the detection of pancreaticobiliary malignancy. , 2011, , .		2
154	887 Evidence-based Surveillance Intervals Following Radiofrequency Ablation (RFA) of Barrettâ€™s Esophagus (BE): An Analysis of Recurrence in the US RFA Registry with Validation in the UK National Halo Registry. Gastrointestinal Endoscopy, 2016, 83, AB181.	1.0	2
155	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.	1.0	2
156	Advances in diagnostic and therapeutic endoscopy. Medicine, 2019, 47, 440-447.	0.4	2
157	O30â€...Deep neural network for the detection of early neoplasia in Barrettâ€™s oesophagus. , 2021, , .		2
158	Utility and Cost-Effectiveness of a Nonendoscopic Approach to Barrettâ€™s Esophagus Surveillance After Endoscopic Therapy. Clinical Gastroenterology and Hepatology, 2022, 20, e51-e63.	4.4	2
159	Significance of genetic abnormalities after photodynamic therapy. Gastroenterology, 2001, 120, 1064-1065.	1.3	1
160	<title>Optical biopsy for the diagnosis of dysplasia in Barrett's oesophagus</title>. , 2001, , .		1
161	<title>Optical biopsy for the diagnosis of dysplasia in Barrett's oesophagus</title>. , 2002, , .		1
162	Interim Results of a Randomized Controlled Trial (RCT) Comparing Green and Red Laser Photodynamic Therapy Using Low Dose ALA for High Grade Dysplasia in Barrett's Esophagus. Gastrointestinal Endoscopy, 2004, 59, P252.	1.0	1

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163	Radiofrequency Ablation for the Treatment of Squamous High Grade Dysplasia of the Oesophagus-First Reported Series. Gastrointestinal Endoscopy, 2009, 69, AB255.	1.0	1
164	A Randomised Controlled Trial of ALA V Photofrin PDT for High Grade Dysplasia in Barrett's Esophagus. Gastroenterology, 2011, 140, S-215-S-216.	1.3	1
165	The new treatment paradigm for Barrett's dysplasia. Frontline Gastroenterology, 2016, 7, 30-31.	1.8	1
166	Another modality to treat esophageal cancer?. Gastrointestinal Endoscopy, 2016, 83, 1140-1141.	1.0	1
167	305 Combined Analysis of Salivary RNA Expression and Demographic, Symptom and Risk Factor Data Can Accurately Predict Those at Risk of Developing or With Esophageal Cancer. Gastroenterology, 2016, 150, S69-S70.	1.3	1
168	Mo1093 Outcomes From an International Multicentre Registry of Patients With Gastrointestinal Bleeding Undergoing Endoscopic Treatment With Hemospray. Gastrointestinal Endoscopy, 2017, 85, AB424.	1.0	1
169	OTU-013â€...Outcomes of 360 HALO express radio-frequency ablation for barrettâ€™s oesophagus related neoplasia. , 2018, , .		1
170	PTH-043â€...The accuracy of ultrathin endoscopy in the diagnosis of barrettâ€™s oesophagus: systematic review and meta-analysis. , 2019, , .		1
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