

# Barry McMahon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2621709/publications.pdf>

Version: 2024-02-01

45  
papers

1,238  
citations

361045

20  
h-index

360668

35  
g-index

45  
all docs

45  
docs citations

45  
times ranked

723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocinch therapy for gastro-oesophageal reflux disease: a one year prospective follow up. Gut, 2003, 52, 34-39.	6.1	157
2	The functional lumen imaging probe (FLIP) for evaluation of the esophagogastric junction. American Journal of Physiology - Renal Physiology, 2007, 292, G377-G384.	1.6	130
3	Esophagogastric Junction Distensibility After Fundoplication Assessed with a Novel Functional Luminal Imaging Probe. Journal of Gastrointestinal Surgery, 2010, 14, 268-276.	0.9	115
4	A new technique for evaluating sphincter function in visceral organs: application of the functional lumen imaging probe (FLIP) for the evaluation of the oesophago-gastric junction. Physiological Measurement, 2005, 26, 823-836.	1.2	81
5	Transoral Endoscopic Fundoplication in the Treatment of Gastroesophageal Reflux Disease. Annals of Surgery, 2008, 248, 69-76.	2.1	58
6	A new measurement of oesophago-gastric junction competence. Neurogastroenterology and Motility, 2004, 16, 543-546.	1.6	54
7	Esophagogastric junction distensibility in hiatus hernia. Ecological Management and Restoration, 2016, 29, 463-471.	0.2	52
8	Stepwise radiofrequency ablation of Barrett's esophagus preserves esophageal inner diameter, compliance, and motility. Endoscopy, 2009, 41, 2-8.	1.0	46
9	Three-dimensional biomechanical properties of the human rectum evaluated with magnetic resonance imaging. Neurogastroenterology and Motility, 2005, 17, 531-540.	1.6	41
10	Improving functional esophageal surgery with a "smart" bougie: endoflip. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 3109-3109.	1.3	40
11	Comparison of Transesophageal Endoscopic Plication (TEP) with Laparoscopic Nissen Fundoplication (LNF) in the Treatment of Uncomplicated Reflux Disease. American Journal of Gastroenterology, 2006, 101, 431-436.	0.2	37
12	Functional Lumen Imaging Probe to Assess Geometric Changes in the Esophagogastric Junction Following Endolumenal Fundoplication. Journal of Gastrointestinal Surgery, 2011, 15, 1112-1120.	0.9	37
13	New measures of upper esophageal sphincter distensibility and opening patterns during swallowing in healthy subjects using EndoFLIP®. Neurogastroenterology and Motility, 2013, 25, e25-34.	1.6	37
14	Functional lumen imaging of the gastrointestinal tract. Journal of Gastroenterology, 2015, 50, 1005-1016.	2.3	37
15	A new evaluation of the upper esophageal sphincter using the functional lumen imaging probe: a preliminary report. Ecological Management and Restoration, 2013, 26, 117-123.	0.2	36
16	Evaluation of anal sphincter resistance and distensibility in healthy controls using EndoFLIP Â©. Neurogastroenterology and Motility, 2012, 24, e591-9.	1.6	32
17	Functional oesophago-gastric junction imaging. World Journal of Gastroenterology, 2006, 12, 2818.	1.4	29
18	Botulinum toxin for upper oesophageal sphincter dysfunction in neurological swallowing disorders. The Cochrane Library, 2014, 2014, CD009968.	1.5	21

#	ARTICLE	IF	CITATIONS
19	Endoflip® evaluation of pharyngo-oesophageal segment tone and swallowing in a clinical population: a total laryngectomy case series™. <i>Clinical Otolaryngology</i> , 2015, 40, 121-129.	0.6	20
20	Do we really understand the role of the oesophagogastric junction in disease?. <i>World Journal of Gastroenterology</i> , 2009, 15, 144.	1.4	20
21	Computation of flow through the oesophagogastric junction. <i>World Journal of Gastroenterology</i> , 2007, 13, 1360.	1.4	20
22	Distensibility testing of the esophagus. <i>Annals of the New York Academy of Sciences</i> , 2011, 1232, 331-340.	1.8	17
23	Defining esophageal landmarks, gastroesophageal reflux disease, and Barrett's esophagus. <i>Annals of the New York Academy of Sciences</i> , 2013, 1300, 278-295.	1.8	17
24	Physiology of the upper segment, body, and lower segment of the esophagus. <i>Annals of the New York Academy of Sciences</i> , 2013, 1300, 261-277.	1.8	17
25	A new distensibility technique to measure sphincter of Oddi function. <i>Neurogastroenterology and Motility</i> , 2010, 22, 978.	1.6	15
26	Balloon-Distension Studies in the Gastrointestinal Tract: Current Role. <i>Digestive Diseases</i> , 2006, 24, 286-296.	0.8	14
27	Current evaluation of upper oesophageal sphincter opening in dysphagia practice: an international SLT survey. <i>International Journal of Language and Communication Disorders</i> , 2012, 47, 156-165.	0.7	10
28	Functional luminal imaging probe geometric and histomorphologic analysis of abdominal wall wound induced by different trocars in pigs. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 1004-1012.	1.3	7
29	Measurement of the axial force during primary peristalsis in the oesophagus using a novel electrical impedance technology. <i>Physiological Measurement</i> , 2008, 29, 389-399.	1.2	6
30	Innovative techniques in evaluating the esophagus; imaging of esophageal morphology and function; and drugs for esophageal disease. <i>Annals of the New York Academy of Sciences</i> , 2013, 1300, 11-28.	1.8	6
31	Esophageal multimodal stimulation and sensation. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 210-218.	1.8	5
32	Axial Movements and Length Changes of the Human Lower Esophageal Sphincter During Respiration and Distension-induced Secondary Peristalsis Using Functional Luminal Imaging Probe. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 255-267.	0.8	5
33	Analysis of Abdominal Wounds Made by Surgical Trocars Using Functional Luminal Imaging Probe (FLIP) Technology. <i>Surgical Innovation</i> , 2008, 15, 208-212.	0.4	3
34	T1907 A Novel Distensibility Technique for Measuring Upper Esophageal Function-Pilot Data. <i>Gastroenterology</i> , 2010, 138, S-604.	0.6	3
35	Innovations in Gastro-Intestinal Endoscopy: Endoscopic Antireflux Therapies for Gastro-Oesophageal Reflux Disease. <i>Digestive Diseases</i> , 2002, 20, 182-190.	0.8	2
36	777 Tailored Transoral Incisionless Fundoplication (TIF) in the Treatment of GERD: the Anatomic and Physiologic Basis for Reconstruction of the Esophagogastric Junction Using a Novel Approach. <i>Gastroenterology</i> , 2008, 134, A-854.	0.6	2

#	ARTICLE	IF	CITATIONS
37	Exploring pyloric dynamics in stenting using a distensibility technique. Neurogastroenterology and Motility, 2018, 30, e13445.	1.6	2
38	The esophagiome: integrated anatomical, mechanical, and physiological analysis of the esophago-gastric segment. Annals of the New York Academy of Sciences, 2018, 1434, 5-20.	1.8	2
39	Medical physics and physics in medicine in Ireland (part 1: 1600-2000). Physica Medica, 2020, 70, 85-95.	0.4	2
40	Analysis of the color rendition of flexible endoscopes. , 2003, 4876, 26.		1
41	Neurophysiology and new techniques to assess esophageal sensory function: an update. Annals of the New York Academy of Sciences, 2016, 1380, 78-90.	1.8	1
42	A comparative assessment of irrigation and drainage characteristics for commercially available urethral catheters. Central European Journal of Urology, 2017, 70, 382-387.	0.2	1
43	Gastroesophageal Reflux 2D and 3D Steady State CFD Simulations. , 2008, , .		0
44	Lower Esophageal Sphincter Efficacy Following Laparoscopic Antireflux Surgery with Hiatal Repair: Role of Fluoroscopy, High-Resolution Impedance Manometry and FLIP in Detecting Recurrence of GERD and Hiatal Hernia. , 2018, , 153-168.		0
45	Measuring recto-anal Inhibitory reflex using functional lumen imaging probe: A pilot study. , 2018, , .		0