

Barry McMahon

List of Publications by Year in descending order

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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	Medical physics and physics in medicine in Ireland (part 1: 1600–2000). <i>Physica Medica</i> , 2020, 70, 85-95.	0.4	2
2	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
3	Esophageal multimodal stimulation and sensation. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 210-218.	1.8	5
4	Measuring recto-anal Inhibitory reflex using functional lumen imaging probe: A pilot study. , 2018, , .		0
5	Exploring pyloric dynamics in stenting using a distensibility technique. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13445.	1.6	2
6	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
7	The esophagiome: integrated anatomical, mechanical, and physiological analysis of the esophago-gastric segment. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 5-20.	1.8	2
8	A comparative assessment of irrigation and drainage characteristics for commercially available urethral catheters. <i>Central European Journal of Urology</i> , 2017, 70, 382-387.	0.2	1
9	Esophagogastric junction distensibility in hiatus hernia. <i>Ecological Management and Restoration</i> , 2016, 29, 463-471.	0.2	52
10	Neurophysiology and new techniques to assess esophageal sensory function: an update. <i>Annals of the New York Academy of Sciences</i> , 2016, 1380, 78-90.	1.8	1
11	Functional lumen imaging of the gastrointestinal tract. <i>Journal of Gastroenterology</i> , 2015, 50, 1005-1016.	2.3	37
12	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
13	Botulinum toxin for upper oesophageal sphincter dysfunction in neurological swallowing disorders. <i>The Cochrane Library</i> , 2014, 2014, CD009968.	1.5	21
14	A new evaluation of the upper esophageal sphincter using the functional lumen imaging probe: a preliminary report. <i>Ecological Management and Restoration</i> , 2013, 26, 117-123.	0.2	36
15	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
16	New measures of upper esophageal sphincter distensibility and opening patterns during swallowing in healthy subjects using EndoFLIP [®] . <i>Neurogastroenterology and Motility</i> , 2013, 25, e25-34.	1.6	37
17	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
18	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

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19	Evaluation of anal sphincter resistance and distensibility in healthy controls using EndoFLIP Â©. <i>Neurogastroenterology and Motility</i> , 2012, 24, e591-9.	1.6	32
20	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
21	Distensibility testing of the esophagus. <i>Annals of the New York Academy of Sciences</i> , 2011, 1232, 331-340.	1.8	17
22	Improving functional esophageal surgery with a â€œsmartâ€•bougie: endoflip. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 3109-3109.	1.3	40
23	Functional Lumen Imaging Probe to Assess Geometric Changes in the Esophagogastric Junction Following Endolumenal Fundoplication. <i>Journal of Gastrointestinal Surgery</i> , 2011, 15, 1112-1120.	0.9	37
24	Esophagogastric Junction Distensibility After Fundoplication Assessed with a Novel Functional Luminal Imaging Probe. <i>Journal of Gastrointestinal Surgery</i> , 2010, 14, 268-276.	0.9	115
25	A new distensibility technique to measure sphincter of Oddi function. <i>Neurogastroenterology and Motility</i> , 2010, 22, 978.	1.6	15
26	T1907 A Novel Distensibility Technique for Measuring Upper Esophageal Function-Pilot Data. <i>Gastroenterology</i> , 2010, 138, S-604.	0.6	3
27	Stepwise radiofrequency ablation of Barrettâ€™s esophagus preserves esophageal inner diameter, compliance, and motility. <i>Endoscopy</i> , 2009, 41, 2-8.	1.0	46
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	Do we really understand the role of the oesophagogastric junction in disease?. <i>World Journal of Gastroenterology</i> , 2009, 15, 144.	1.4	20
30	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
31	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
32	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
33	Gastroesophageal Reflux 2D and 3D Steady State CFD Simulations. , 2008, , .		0
34	Transoral Endoscopic Fundoplication in the Treatment of Gastroesophageal Reflux Disease. <i>Annals of Surgery</i> , 2008, 248, 69-76.	2.1	58
35	The functional lumen imaging probe (FLIP) for evaluation of the esophagogastric junction. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G377-G384.	1.6	130
36	Computation of flow through the oesophagogastric junction. <i>World Journal of Gastroenterology</i> , 2007, 13, 1360.	1.4	20

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37	Balloon-Distension Studies in the Gastrointestinal Tract: Current Role. <i>Digestive Diseases</i> , 2006, 24, 286-296.	0.8	14
38	Comparison of Transesophageal Endoscopic Plication (TEP) with Laparoscopic Nissen Fundoplication (LNF) in the Treatment of Uncomplicated Reflux Disease. <i>American Journal of Gastroenterology</i> , 2006, 101, 431-436.	0.2	37
39	Functional oesophago-gastric junction imaging. <i>World Journal of Gastroenterology</i> , 2006, 12, 2818.	1.4	29
40	Three-dimensional biomechanical properties of the human rectum evaluated with magnetic resonance imaging. <i>Neurogastroenterology and Motility</i> , 2005, 17, 531-540.	1.6	41
41	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. <i>Physiological Measurement</i> , 2005, 26, 823-836.	1.2	81
42	A new measurement of oesophago-gastric junction competence. <i>Neurogastroenterology and Motility</i> , 2004, 16, 543-546.	1.6	54
43	Endocinch therapy for gastro-oesophageal reflux disease: a one year prospective follow up. <i>Gut</i> , 2003, 52, 34-39.	6.1	157
44	Analysis of the color rendition of flexible endoscopes. , 2003, 4876, 26.		1
45	Innovations in Gastro-Intestinal Endoscopy: Endoscopic Antireflux Therapies for Gastro-Oesophageal Reflux Disease. <i>Digestive Diseases</i> , 2002, 20, 182-190.	0.8	2