

Philip W Chiu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

293
papers

7,041
citations

45
h-index

72
g-index

366
ext. papers

8,831
ext. citations

4.9
avg, IF

6.14
L-index

#	Paper	IF	Citations
293	Endoscopy After the COVID-19 Pandemic-What Will Be Different?. <i>Current Treatment Options in Gastroenterology</i> , 2022 , 20, 1-14	2.5	
292	A Surgeon Preference-Guided Autonomous Instrument Tracking Method With a Robotic Flexible Endoscope Based on dVRK Platform. <i>IEEE Robotics and Automation Letters</i> , 2022 , 7, 2250-2257	4.2	3
291	Design and modeling of a novel DNA-inspired helix-based continuum mechanism (DHCM). <i>Mechanism and Machine Theory</i> , 2022 , 171, 104702	4	0
290	Augmented Reality Assisted Autonomous View Adjustment of a 6-DOF Robotic Stereo Flexible Endoscope. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2022 , 1-1	3.1	2
289	Magnetic Microswarm and Fluoroscopy-Guided Platform for Biofilm Eradication in Biliary Stents.. <i>Advanced Materials</i> , 2022 , e2201888	24	9
288	Magnetically Actuated Medical Robots: An in vivo Perspective. <i>Proceedings of the IEEE</i> , 2022 , 1-10	14.3	3
287	Identification of active components in <i>Andrographis paniculata</i> targeting on CD81 in esophageal cancer in vitro and in vivo. <i>Phytomedicine</i> , 2022 , 102, 154183	6.5	0
286	Nanoparticle-assembled bioadhesive coacervate coating with prolonged gastrointestinal retention for inflammatory bowel disease therapy. <i>Nature Communications</i> , 2021 , 12, 7162	17.4	9
285	Management of Non-curative Resection and Local Recurrence After Endoscopic Resection: Non-curative ER in Esophagus 2021 , 109-113		
284	ESD for the Esophagus 2021 , 81-87		
283	Endocytoscopy for Diagnosis of Early Gastrointestinal Neoplasia 2021 , 121-127		
282	Endoscopic Diagnosis of Superficial Esophageal Neoplasia 2021 , 15-25		
281	Cricopharyngeal peroral endoscopic myotomy improves oropharyngeal dysphagia in patients with Parkinson's disease. <i>Endoscopy International Open</i> , 2021 , 9, E1811-E1819	3	0
280	Orientation Control of an Electromagnetically Actuated Soft-Tethered Colonoscope Based on 2OR Pseudo-Rigid-Body Model 2021 ,		2
279	An Autonomous Robotic Flexible Endoscope System with a DNA-inspired Continuum Mechanism 2021 ,		3
278	Commentary. <i>Endoscopy</i> , 2021 , 53, 95	3.4	
277	Independent Pattern Formation of Nanorod and Nanoparticle Swarms under an Oscillating Field. <i>ACS Nano</i> , 2021 , 15, 4429-4439	16.7	12

276	Endoscopy-assisted magnetic navigation of biohybrid soft microrobots with rapid endoluminal delivery and imaging. <i>Science Robotics</i> , 2021 , 6,	18.6	60
275	LIMK1 promotes peritoneal metastasis of gastric cancer and is a therapeutic target. <i>Oncogene</i> , 2021 , 40, 3422-3433	9.2	9
274	Design and Preliminary Evaluation of an Electromagnetically Actuated Soft-Tethered Colonoscope. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021 , 3, 402-413	3.1	3
273	Ultrafast self-gelling powder mediates robust wet adhesion to promote healing of gastrointestinal perforations. <i>Science Advances</i> , 2021 , 7,	14.3	26
272	Current status in endoscopic management of upper gastrointestinal perforations, leaks and fistulas. <i>Digestive Endoscopy</i> , 2021 ,	3.7	2
271	Striving to Protect Patients and Health Care Professionals in Endoscopy Units During Pandemics: From SARS to COVID-19. <i>Gastroenterology</i> , 2021 , 160, 1431-1432	13.3	4
270	EUS-guided gallbladder drainage versus laparoscopic cholecystectomy for acute cholecystitis: a propensity score analysis with 1-year follow-up data. <i>Gastrointestinal Endoscopy</i> , 2021 , 93, 577-583	5.2	12
269	Colonic endoscopic submucosal dissection using a novel robotic system (with video). <i>Gastrointestinal Endoscopy</i> , 2021 , 93, 1172-1177	5.2	4
268	Design and Real-Time Optimization for a Magnetic Actuation System With Enhanced Flexibility. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 26, 1524-1535	5.5	11
267	Outcomes of anterior versus posterior peroral endoscopic myotomy 2 years post-procedure: prospective follow-up results from a randomized clinical trial. <i>Endoscopy</i> , 2021 , 53, 462-468	3.4	7
266	COVID-19 and endoscopic management of superficial gastrointestinal neoplastic lesions: a multinational cross-sectional survey. <i>Endoscopy</i> , 2021 , 53, 173-177	3.4	2
265	Accelerated Dual Neural Network Controller for Visual Servoing of Flexible Endoscopic Robot with Tracking Error, Joint Motion and RCM Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	4
264	A Novel Neural Approach to Infinity-Norm Joint-Velocity Minimization of Kinematically Redundant Robots Under Joint Limits. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
263	EUS-guided fiducial marker insertion for radiotherapy in advanced esophageal carcinoma: submucosal insertion may lead to less migration when compared to intratumoral insertion. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 1	5.2	1
262	Deep Learning Assisted Robotic Magnetic Anchored and Guided Endoscope for Real-Time Instrument Tracking. <i>IEEE Robotics and Automation Letters</i> , 2021 , 1-1	4.2	4
261	Robot-assisted cervical esophagectomy: first clinical experiences and review of the literature. <i>Ecological Management and Restoration</i> , 2020 , 33,	3	2
260	A Semi-Autonomous Stereotactic Brain Biopsy Robot With Enhanced Safety. <i>IEEE Robotics and Automation Letters</i> , 2020 , 5, 1405-1412	4.2	4
259	Real-Time Magnetic Navigation of a Rotating Colloidal Microswarm Under Ultrasound Guidance. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 3403-3412	5	34

258	A Review of the Effects of Natural Compounds, Medicinal Plants, and Mushrooms on the Gut Microbiota in Colitis and Cancer. <i>Frontiers in Pharmacology</i> , 2020 , 11, 744	5.6	13
257	How To Maximize Trainee Education During the Coronavirus Disease-2019 Pandemic: Perspectives From Around the World. <i>Gastroenterology</i> , 2020 , 159, 26-29	13.3	25
256	ELSA recommendations for minimally invasive surgery during a community spread pandemic: a centered approach in Asia from widespread to recovery phases. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020 , 34, 3292-3297	5.2	21
255	Sewing up the Wounds: A Robotic Suturing System for Flexible Endoscopy. <i>IEEE Robotics and Automation Magazine</i> , 2020 , 27, 45-54	3.4	13
254	Endoscopic removal of a submucosal embedded foreign body in the duodenum. <i>Endoscopy</i> , 2020 , 52, E353-E354	3.4	2
253	Kinematic Modeling and Visual Servo Control of a Soft-Bodied Magnetic Anchored and Guided Endoscope. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 1531-1542	5.5	7
252	Overview of guidance for endoscopy during the coronavirus disease 2019 pandemic. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020 , 35, 749-759	4	107
251	Practice of endoscopy during COVID-19 pandemic: position statements of the Asian Pacific Society for Digestive Endoscopy (APSDE-COVID statements). <i>Gut</i> , 2020 , 69, 991-996	19.2	213
250	Endosonography-guided gallbladder drainage versus percutaneous cholecystostomy in very high-risk surgical patients with acute cholecystitis: an international randomised multicentre controlled superiority trial (DRAC 1). <i>Gut</i> , 2020 , 69, 1085-1091	19.2	56
249	A Proof of Concept Study: Esophagogastroduodenoscopy Is an Aerosol-Generating Procedure and Continuous Oral Suction During the Procedure Reduces the Amount of Aerosol Generated. <i>Gastroenterology</i> , 2020 , 159, 1949-1951.e4	13.3	15
248	Total enteroscopy by antegrade motorized spiral enteroscopy under conscious sedation for acute overt obscure gastrointestinal bleeding. <i>Endoscopy</i> , 2020 , 52, E251-E252	3.4	1
247	Visual Servo of a 6-DOF Robotic Stereo Flexible Endoscope Based on da Vinci Research Kit (dVRK) System. <i>IEEE Robotics and Automation Letters</i> , 2020 , 5, 820-827	4.2	11
246	A Novel Flexible Robotic Endoscope With Constrained Tendon-Driven Continuum Mechanism. <i>IEEE Robotics and Automation Letters</i> , 2020 , 5, 1366-1372	4.2	11
245	An Accelerated Finite-Time Convergent Neural Network for Visual Servoing of a Flexible Surgical Endoscope With Physical and RCM Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5272-5284	10.3	14
244	ISDE guidance statement: management of upper gastrointestinal endoscopy and surgery in COVID-19 outbreak. <i>Ecological Management and Restoration</i> , 2020 , 33,	3	3
243	FlexiVision: Teleporting the Surgeon's Eyes via Robotic Flexible Endoscope and Head-Mounted Display 2020 ,		2
242	Discovery of an interplay between the gut microbiota and esophageal squamous cell carcinoma in mice. <i>American Journal of Cancer Research</i> , 2020 , 10, 2409-2427	4.4	5
241	Third space endoscopy: Current evidence and future development. <i>International Journal of Gastrointestinal Intervention</i> , 2020 , 9, 42-52	0.2	

240	Worldwide Techniques and Outcomes in Robot-Assisted Minimally Invasive Esophagectomy (RAMIE): Results from the Multicenter International Registry. <i>Annals of Surgery</i> , 2020 ,	7.8	10
239	Advanced gallbladder interventions after endoscopic ultrasonography-guided gallbladder drainage. <i>Techniques and Innovations in Gastrointestinal Endoscopy</i> , 2020 , 22, 24-26	1.3	
238	Applications of Flexible Robots in Endoscopic Surgery 2020 , 303-322		3
237	A robotic flexible endoscope with shared autonomy: a study of mockup cholecystectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020 , 34, 2730-2741	5.2	9
236	Principles and practice to facilitate complete photodocumentation of the upper gastrointestinal tract: World Endoscopy Organization position statement. <i>Digestive Endoscopy</i> , 2020 , 32, 168-179	3.7	11
235	An international survey on recognition and characterization of atrophic gastritis and intestinal metaplasia. <i>Endoscopy International Open</i> , 2020 , 8, E1365-E1370	3	4
234	Static Model Assisted Stereo-Visual Shape Sensing of Flexible Manipulators. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	
233	Recent advances in minimally invasive esophagectomy for squamous esophageal cancer. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1482, 113-120	6.5	2
232	Recovery of endoscopy services in the era of COVID-19: recommendations from an international Delphi consensus. <i>Gut</i> , 2020 , 69, 1915-1924	19.2	19
231	RoboMag: A Magnetic Actuation System Based on Mobile Electromagnetic Coils With Tunable Working Space 2020 ,		4
230	Bioadhesive hydrogels demonstrating pH-independent and ultrafast gelation promote gastric ulcer healing in pigs. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	74
229	Prevention of recurrent idiopathic gastroduodenal ulcer bleeding: a double-blind, randomised trial. <i>Gut</i> , 2020 , 69, 652-657	19.2	5
228	Peroral endoscopic myotomy: anterior versus posterior approach: a randomized single-blinded clinical trial. <i>Gastrointestinal Endoscopy</i> , 2020 , 91, 288-297.e7	5.2	29
227	Statement for gastroesophageal reflux disease after peroral endoscopic myotomy from an international multicenter experience. <i>Esophagus</i> , 2020 , 17, 3-10	5.4	33
226	Per oral endoscopic tumor (POET) resection for treatment of upper gastrointestinal subepithelial tumors. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019 , 33, 1326-1333	5.2	17
225	Autonomous Flexible Endoscope for Minimally Invasive Surgery With Enhanced Safety. <i>IEEE Robotics and Automation Letters</i> , 2019 , 4, 2607-2613	4.2	39
224	Transcervical minimally invasive esophagectomy using da Vinci [®] SP [®] Surgical System: a feasibility study in cadaveric model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019 , 33, 1683-1686	5.2	11
223	Miniature Bioreactors: On-Demand Coalescence and Splitting of Liquid Marbles and Their Bioapplications (Adv. Sci. 10/2019). <i>Advanced Science</i> , 2019 , 6, 1970061	13.6	78

222	Prospective clinical trial to evaluate safety and feasibility of using a single port flexible robotic system for transoral head and neck surgery. <i>Oral Oncology</i> , 2019 , 94, 101-105	4.4	22
221	On-Demand Coalescence and Splitting of Liquid Marbles and Their Bioapplications. <i>Advanced Science</i> , 2019 , 6, 1802033	13.6	24
220	Multiple modulatory activities of <i>Andrographis paniculata</i> on immune responses and xenograft growth in esophageal cancer preclinical models. <i>Phytomedicine</i> , 2019 , 60, 152886	6.5	10
219	Utility of a standardized training program for endoscopic diagnosis of early gastrointestinal neoplasia. <i>Endoscopy International Open</i> , 2019 , 7, E452-E458	3	3
218	Future of full thickness resection [Devices, indications, robotics, what is missing. <i>Techniques in Gastrointestinal Endoscopy</i> , 2019 , 21, 48-56	0.8	
217	Prophylactic angiographic embolisation after endoscopic control of bleeding to high-risk peptic ulcers: a randomised controlled trial. <i>Gut</i> , 2019 , 68, 796-803	19.2	30
216	Shared Autonomy of a Flexible Manipulator in Constrained Endoluminal Surgical Tasks. <i>IEEE Robotics and Automation Letters</i> , 2019 , 4, 3106-3112	4.2	9
215	Effect of Peroral Endoscopic Myotomy vs Pneumatic Dilation on Symptom Severity and Treatment Outcomes Among Treatment-Naive Patients With Achalasia: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 134-144	27.4	153
214	Visual Servo Control of a Novel Magnetic Actuated Endoscope for Uniportal Video-Assisted Thoracic Surgery. <i>IEEE Robotics and Automation Letters</i> , 2019 , 4, 3098-3105	4.2	12
213	Mesenchymal stem cells promote healing of nonsteroidal anti-inflammatory drug-related peptic ulcer through paracrine actions in pigs. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	18
212	Standards of diagnostic colonoscopy for early-stage neoplasia: Recommendations by an Asian private group. <i>Digestive Endoscopy</i> , 2019 , 31, 227-244	3.7	10
211	How I do it: Flexible 3-D endoscope for endoscopic submucosal dissection. <i>Digestive Endoscopy</i> , 2019 , 31, 323-328	3.7	4
210	An Asian consensus on standards of diagnostic upper endoscopy for neoplasia. <i>Gut</i> , 2019 , 68, 186-197	19.2	50
209	Real-time tracking of fluorescent magnetic spore-based microrobots for remote detection of toxins. <i>Science Advances</i> , 2019 , 5, eaau9650	14.3	103
208	Combined use of and chemotherapeutics for metastatic oesophageal cancer: a pre-clinical study. <i>Hong Kong Medical Journal</i> , 2019 , 25 Suppl 9, 43-46	0.7	
207	Asia-Pacific working group consensus on non-variceal upper gastrointestinal bleeding: an update 2018. <i>Gut</i> , 2018 , 67, 1757-1768	19.2	106
206	Chemoenzymatic Synthesis of Asymmetrical Multi-Antennary N-Glycans to Dissect Glycan-Mediated Interactions between Human Sperm and Oocytes. <i>Chemistry - A European Journal</i> , 2018 , 24, 7970-7975	4.8	10
205	Gene expression profiling reveals the plausible mechanisms underlying the antitumor and antimetastasis effects of <i>Andrographis paniculata</i> in esophageal cancer. <i>Phytotherapy Research</i> , 2018 , 32, 1388-1396	6.7	10

204	The effect of off-hours hospital admission on mortality and clinical outcomes for patients with upper gastrointestinal hemorrhage: A systematic review and meta-analysis of 20 cohorts. <i>United European Gastroenterology Journal</i> , 2018 , 6, 367-381	5.3	9
203	Robotic Endoscopy. <i>Visceral Medicine</i> , 2018 , 34, 45-51	2.4	28
202	Reconfigurable Swarms of Ferromagnetic Colloids for Enhanced Local Hyperthermia. <i>Advanced Functional Materials</i> , 2018 , 28, 1705701	15.6	73
201	Global Incidence and mortality of oesophageal cancer and their correlation with socioeconomic indicators temporal patterns and trends in 41 countries. <i>Scientific Reports</i> , 2018 , 8, 4522	4.9	63
200	Retraction notice to "Long-term outcomes of per-oral endoscopic myotomy in patients with achalasia with a minimum follow-up of 2 years: an international multicenter study": [YMGE 85 (2017) 927-933]. <i>Gastrointestinal Endoscopy</i> , 2018 , 87, 1164	5.2	1
199	An international multicenter study evaluating the clinical efficacy and safety of per-oral endoscopic myotomy in octogenarians. <i>Gastrointestinal Endoscopy</i> , 2018 , 87, 956-961	5.2	27
198	Randomized controlled trial of EndoWrist-enabled robotic versus human laparoendoscopic single-site access surgery (LESS) in the porcine model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018 , 32, 1273-1279	5.2	4
197	Secretome from hypoxia-conditioned adipose-derived mesenchymal stem cells promotes the healing of gastric mucosal injury in a rodent model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 178-188	6.9	34
196	CAB39L elicited an anti-Warburg effect via a LKB1-AMPK-PGC1 α axis to inhibit gastric tumorigenesis. <i>Oncogene</i> , 2018 , 37, 6383-6398	9.2	22
195	Colloidal Particles: Reconfigurable Swarms of Ferromagnetic Colloids for Enhanced Local Hyperthermia (Adv. Funct. Mater. 25/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870174	15.6	1
194	Randomised controlled trial comparing modified Sano's and narrow band imaging international colorectal endoscopic classifications for colorectal lesions. <i>World Journal of Gastrointestinal Endoscopy</i> , 2018 , 10, 210-218	2.2	6
193	Magnetic Navigation of a Rotating Colloidal Swarm Using Ultrasound Images 2018 ,		14
192	A Novel Tele-operated Flexible Manipulator Based on the da-Vinci Research Kit 2018 ,		1
191	A Magnetically-Triggered Soft Capsule for On-Demand Mucus Collection 2018 ,		4
190	PS02.010: ESTABLISHMENT OF THE UPPER GI INTERNATIONAL ROBOTIC ASSOCIATION (UGIRA). <i>Ecological Management and Restoration</i> , 2018 , 31, 123-123	3	
189	PS02.186: EUS-GUIDED FIDUCIAL MARKER INSERTION TO GUIDE RADIOTHERAPY IN ADVANCED ESOPHAGEAL CARCINOMA.. <i>Ecological Management and Restoration</i> , 2018 , 31, 174-175	3	
188	Global Evaluative Assessment of Robotic Skills in Endoscopy (GEARS-E): objective assessment tool for master and slave transluminal endoscopic robot. <i>Endoscopy International Open</i> , 2018 , 6, E1065-E1069		6
187	A Biomimetic Soft Robot for Inspecting Pipeline with Significant Diameter Variation 2018 ,		7

186	Endoscopic suturing for management of peptic ulcer-related upper gastrointestinal bleeding: a preliminary experience. <i>Endoscopy International Open</i> , 2018 , 6, E1439-E1444	3	14
185	Development of High-Performance Solar Cells for the Jupiter and Saturn Environments 2018 ,		1
184	2018 ,		2
183	Shape Sensing of Flexible Manipulators With Visual Occlusion Based on Bezier Curve. <i>IEEE Sensors Journal</i> , 2018 , 18, 8133-8142	4	9
182	Spore-derived color-tunable multi-doped carbon nanodots as sensitive nanosensors and intracellular imaging agents. <i>Sensors and Actuators B: Chemical</i> , 2018 , 271, 128-136	8.5	16
181	Design and Evaluation of a Soft-Bodied Magnetic Anchored and Guided Endoscope. <i>Journal of Medical Robotics Research</i> , 2018 , 03, 1841007	1.1	3
180	Real-Time Deformation Sensing for Flexible Manipulators With Bending and Twisting. <i>IEEE Sensors Journal</i> , 2018 , 18, 6412-6422	4	8
179	Motion compensated controller for a tendon-sheath-driven flexible endoscopic robot. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017 , 13, e1747	2.9	10
178	REC8 functions as a tumor suppressor and is epigenetically downregulated in gastric cancer, especially in EBV-positive subtype. <i>Oncogene</i> , 2017 , 36, 182-193	9.2	32
177	Removal of submucosal embedded fish bone in the esophagus with endoscopic submucosal dissection. <i>VideoGIE</i> , 2017 , 2, 1	1.1	5
176	Feasibility of performing esophageal endoscopic submucosal dissection using master and slave transluminal endoscopic robot. <i>Endoscopy</i> , 2017 , 49, E27-E28	3.4	12
175	Sodium Channel Subunit SCN1B Suppresses Gastric Cancer Growth and Metastasis via GRP78 Degradation. <i>Cancer Research</i> , 2017 , 77, 1968-1982	10.1	27
174	Efficacy and Safety of Peroral Endoscopic Myotomy for Treatment of Achalasia After Failed Heller Myotomy. <i>Clinical Gastroenterology and Hepatology</i> , 2017 , 15, 1531-1537.e3	6.9	100
173	The adjuvant value of <i>Andrographis paniculata</i> in metastatic esophageal cancer treatment - from preclinical perspectives. <i>Scientific Reports</i> , 2017 , 7, 854	4.9	14
172	Peroral Endoscopic Myotomy (POEM) Versus Pneumatic Dilatation in Therapy-Naive Patients with Achalasia: Results of a Randomized Controlled Trial. <i>Gastroenterology</i> , 2017 , 152, S139	13.3	19
171	Early results of a safety and feasibility clinical trial of a novel single-port flexible robot for transoral robotic surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017 , 274, 3993-3996	3.5	29
170	Endoscopic Treatment of Subepithelial Lesions of the Gastrointestinal Tract. <i>Current Treatment Options in Gastroenterology</i> , 2017 , 15, 603-617	2.5	7
169	Endoscopic diagnosis and management of early squamous cell carcinoma of esophagus. <i>Journal of Thoracic Disease</i> , 2017 , 9, S689-S696	2.6	16

168	Robot assisted tumor resection devices. <i>Expert Review of Medical Devices</i> , 2017 , 14, 657-662	3.5	10
167	Electrical Stimulation Therapy (EST) of the Lower Esophageal Sphincter (LES) for Refractory Gerd and Two Year Results of an International Multicenter Trial. <i>Gastroenterology</i> , 2017 , 152, S470	13.3	3
166	Clinical pattern and prevalence of upper gastrointestinal toxicity in patients abusing ketamine. <i>Journal of Digestive Diseases</i> , 2017 , 18, 504-510	3.3	6
165	Shape-Reconstruction-Based Force Sensing Method for Continuum Surgical Robots With Large Deformation. <i>IEEE Robotics and Automation Letters</i> , 2017 , 2, 1972-1979	4.2	25
164	Robotic-assisted minimally invasive esophagectomy for treatment of esophageal carcinoma. <i>Journal of Robotic Surgery</i> , 2017 , 11, 193-199	2.9	14
163	Feasibility of per-oral cholecystoscopy and advanced gallbladder interventions after EUS-guided gallbladder stenting (with video). <i>Gastrointestinal Endoscopy</i> , 2017 , 85, 1225-1232	5.2	44
162	A Therapeutic Wireless Capsule for Treatment of Gastrointestinal Haemorrhage by Balloon Tamponade Effect. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 1106-1114	5	16
161	Long-term outcomes of per-oral endoscopic myotomy in patients with achalasia with a minimum follow-up of 2 years: an international multicenter study. <i>Gastrointestinal Endoscopy</i> , 2017 , 85, 927-933.e2	5.2	47
160	DDW 2016 review: Advances in therapeutic upper gastrointestinal endoscopy. <i>Digestive Endoscopy</i> , 2017 , 29, 145-148	3.7	2
159	Design and prototyping of a soft magnetic anchored and guidance endoscope system 2017 ,		4
158	A novel constrained wire-driven flexible mechanism and its kinematic analysis. <i>Mechanism and Machine Theory</i> , 2016 , 95, 59-75	4	74
157	MDGA2 is a novel tumour suppressor cooperating with DMAP1 in gastric cancer and is associated with disease outcome. <i>Gut</i> , 2016 , 65, 1619-31	19.2	43
156	Subacute food bolus obstruction secondary to a migrated Overstitch suture from a previous esophageal perforation repair. <i>Endoscopy</i> , 2016 , 48 Suppl 1, E177-8	3.4	2
155	Aldosterone-producing Adenoma in Primary Aldosteronism: CT-guided Radiofrequency Ablation-Long-term Results and Recurrence Rate. <i>Radiology</i> , 2016 , 281, 625-634	20.5	25
154	Endoscopic submucosal dissection of pancreatic heterotopia in children. <i>Endoscopy</i> , 2016 , 48, E367-E368	3.4	
153	Covert stroke after non-cardiac surgery: a prospective cohort study. <i>British Journal of Anaesthesia</i> , 2016 , 117, 191-7	5.4	35
152	From POEM to POET: Applications and perspectives for submucosal tunnel endoscopy. <i>Endoscopy</i> , 2016 , 48, 1134-1142	3.4	20
151	Design and prototyping of a soft earthworm-like robot targeted for GI tract inspection 2016 ,		14

150	High-dose omeprazole infusion compared with scheduled second-look endoscopy for prevention of peptic ulcer rebleeding: a randomized controlled trial. <i>Endoscopy</i> , 2016 , 48, 717-22	3.4	13
149	A Flexible Surgical Robotic System for Removal of Early-Stage Gastrointestinal Cancers by Endoscopic Submucosal Dissection. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2365-2374	11.9	28
148	Design of wormlike automated robotic endoscope: dynamic interaction between endoscopic balloon and surrounding tissues. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 772-778	5.3	15
147	Comparison of early outcomes and quality of life after laparoscopic Heller's cardiomyotomy to peroral endoscopic myotomy for treatment of achalasia. <i>Digestive Endoscopy</i> , 2016 , 28, 27-32	3.7	64
146	Peroral Endoscopic Myotomy for Treating Achalasia and Esophageal Motility Disorders. <i>Journal of Neurogastroenterology and Motility</i> , 2016 , 22, 14-24	4.4	38
145	Recent advances in natural orifice transluminal endoscopic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49 Suppl 1, i25-30	3	2
144	Endoscopic resection for early gastric cancer: The current controversies. <i>Gastrointestinal Intervention</i> , 2016 , 5, 1-5		
143	Application of robotics in gastrointestinal endoscopy: A review. <i>World Journal of Gastroenterology</i> , 2016 , 22, 1811-25	5.6	52
142	Techniques in robotic D2 subtotal gastrectomy. <i>Surgical Practice</i> , 2016 , 20, 98-98	0.4	
141	Esophageal leakage after surgical repair of spontaneous rupture: successful closure with endoscopic suture device. <i>Endoscopy</i> , 2016 , 48, E344-E345	3.4	
140	An innovative ex-vivo porcine upper gastrointestinal model for submucosal tunnelling endoscopic resection (STER). <i>Endoscopy International Open</i> , 2016 , 4, E1101-E1106	3	1
139	Design and kinematic modeling of a concentric wire-driven mechanism targeted for minimally invasive surgery 2016 ,		7
138	Correlation of CBD/CHD angulation with recurrent cholangitis in patients treated with ERCP. <i>Endoscopy International Open</i> , 2016 , 4, E62-7	3	6
137	Impact of an automated system for endocytoscopic diagnosis of small colorectal lesions: an international web-based study. <i>Endoscopy</i> , 2016 , 48, 1110-1118	3.4	77
136	Radiofrequency ablation compared with laparoscopic adrenalectomy for aldosterone-producing adenoma. <i>British Journal of Surgery</i> , 2016 , 103, 1476-86	5.3	24
135	Colorectal cancer screening of the general population in East Asia. <i>Digestive Endoscopy</i> , 2016 , 28, 243-9	3.7	46
134	Asian consensus on the relationship between obesity and gastrointestinal and liver diseases. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016 , 31, 1405-13	4	35
133	The selective use of laparoscopic repair is safe in high-risk patients suffering from perforated peptic ulcer. <i>World Journal of Surgery</i> , 2015 , 39, 740-5	3.3	13

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131	Tadpole endoscope: a wireless micro robot fish for examining the entire gastrointestinal (GI) tract. <i>HKIE Transactions</i> , 2015 , 22, 117-122	2.9	3
130	Effect of local injection of mesenchymal stem cells on healing of sutured gastric perforation in an experimental model. <i>British Journal of Surgery</i> , 2015 , 102, e158-68	5.3	36
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127	A Novel User-Specific Wearable Controller for Surgical Robots. <i>Lecture Notes in Computer Science</i> , 2015 , 693-701	0.9	3
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125	Enhancing proficiency in performing endoscopic submucosal dissection (ESD) by using a prototype robotic endoscope. <i>Endoscopy International Open</i> , 2015 , 3, E439-42	3	20
124	Submucosal carcinoma of the gastroesophageal junction diagnosed after peroral endoscopic myotomy. <i>Endoscopy</i> , 2015 , 47 Suppl 1, E623-4	3.4	1
123	Motion Compensation of Tendon-Sheath Driven Continuum Manipulator for Endoscopic Surgery. <i>MATEC Web of Conferences</i> , 2015 , 32, 04007	0.3	
122	A multicenter randomized comparison between high-definition white light endoscopy and narrow band imaging for detection of gastric lesions. <i>European Journal of Gastroenterology and Hepatology</i> , 2015 , 27, 1473-8	2.2	47
121	Endoscopic thyroid lobectomy using bilateral axillo-breast approach: Surgical techniques and outcomes. <i>Surgical Practice</i> , 2015 , 19, 128-132	0.4	1
120	Laparoscopic transperitoneal resection of left para-aortic retroperitoneal paraganglioma. <i>Surgical Practice</i> , 2015 , 19, 189-190	0.4	
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118	Endoscopic Suturing for Ulcer Exclusion in Patients With Massively Bleeding Large Gastric Ulcer. <i>Gastroenterology</i> , 2015 , 149, 29-30	13.3	17
117	A novel constrained tendon-driven serpentine manipulator 2015 ,		13
116	Andrographis paniculata elicits anti-invasion activities by suppressing TM4SF3 gene expression and by anoikis-sensitization in esophageal cancer cells. <i>American Journal of Cancer Research</i> , 2015 , 5, 3570-87	4.4	9
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111	Robotic D2 subtotal gastrectomy technique for gastric cancer. <i>Surgical Practice</i> , 2014 , 18, 152-153	0.4	
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109	Feasibility of full-thickness gastric resection using master and slave transluminal endoscopic robot and closure by Overstitch: a preclinical study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014 , 28, 319-24	5.2	53
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107	Use of the Over-The-Scope Clip for treatment of refractory upper gastrointestinal bleeding: a case series. <i>Endoscopy</i> , 2014 , 46, 428-31	3.4	79
106	Design and Development of a Task Specific Robot for Endoscopic Submucosal Dissection of Early Gastrointestinal Cancers 2014 ,		4
105	Collaboration between laparoscopic surgery and endoscopic resection: an evidence-based review. <i>Digestive Endoscopy</i> , 2014 , 26 Suppl 1, 12-9	3.7	5
104	Robot-assisted oesophagectomy technique for oesophageal carcinoma. <i>Surgical Practice</i> , 2014 , 18, 193-194		
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94	A feed-forward friction compensation motion controller for a tendon-sheath-driven flexible robotic gripper 2013 ,		6
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