

Philip W Chiu

List of Publications by Year in descending order

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360
papers

10,387
citations

36203

51
h-index

48187

88
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all docs

366
docs citations

366
times ranked

9085
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2023, 34, 409-420.	7.2	6
2	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> , 2022, 69, 9246-9257.	5.2	19
3	Current status in endoscopic management of upper gastrointestinal perforations, leaks and fistulas. <i>Digestive Endoscopy</i> , 2022, 34, 43-62.	1.3	16
4	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> , 2022, 36, 1666-1674.	1.3	2
5	Worldwide Techniques and Outcomes in Robot-assisted Minimally Invasive Esophagectomy (RAMIE). <i>Annals of Surgery</i> , 2022, 276, e386-e392.	2.1	38
6	Endoscopy After the COVID-19 Pandemic—What Will Be Different?. Current Treatment Options in <i>Gastroenterology</i> , 2022, 20, 1-14.	0.3	1
7	A primer to image enhanced endoscopy. <i>Translational Gastroenterology and Hepatology</i> , 2022, 7, 1-1.	1.5	2
8	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.	3.3	9
9	Design and modeling of a novel DNA-inspired helix-based continuum mechanism (DHCM). <i>Mechanism and Machine Theory</i> , 2022, 171, 104702.	2.7	8
10	Evaluation of oropharyngeal deglutitive pressure dynamics in patients with Parkinson's disease. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G421-G430.	1.6	5
11	Network pharmacology reveals potential functional components and underlying molecular mechanisms of <i>Andrographis paniculata</i> in esophageal cancer treatment. <i>Phytotherapy Research</i> , 2022, 36, 1748-1760.	2.8	4
12	Loss of YTHDF1 in gastric tumors restores sensitivity to antitumor immunity by recruiting mature dendritic cells. , 2022, 10, e003663.		32
13	Performance of screening tests for esophageal squamous cell carcinoma: a systematic review and meta-analysis. <i>Gastrointestinal Endoscopy</i> , 2022, 96, 197-207.e34.	0.5	7
14	Impact of endoscopic ultrasound-guided gallbladder drainage on reducing costs of reintervention and unplanned readmission: a budget impact analysis. <i>Endoscopy International Open</i> , 2022, 10, E1073-E1079.	0.9	6
15	Adhesive Hemostatic Hydrogel with Ultrafast Gelation Arrests Acute Upper Gastrointestinal Hemorrhage in Pigs. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	48
16	Rio de Janeiro Global Consensus on Landmarks, Definitions, and Classifications in Barrett's Esophagus: World Endoscopy Organization Delphi Study. <i>Gastroenterology</i> , 2022, 163, 84-96.e2.	0.6	6
17	Augmented Reality-Assisted Autonomous View Adjustment of a 6-DOF Robotic Stereo Flexible Endoscope. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2022, 4, 356-367.	2.1	14
18	Magnetic Microswarm and Fluoroscopy-Guided Platform for Biofilm Eradication in Biliary Stents. <i>Advanced Materials</i> , 2022, 34, e2201888.	11.1	60

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19	Magnetically Actuated Medical Robots: An in vivo Perspective. Proceedings of the IEEE, 2022, 110, 1028-1037.	16.4	36
20	Identification of active components in <i>Andrographis paniculata</i> targeting on CD81 in esophageal cancer in vitro and in vivo. Phytomedicine, 2022, 102, 154183.	2.3	5
21	Real-Time Navigation of an Untethered Miniature Robot Using Mobile Ultrasound Imaging and Magnetic Actuation Systems. IEEE Robotics and Automation Letters, 2022, 7, 7668-7675.	3.3	12
22	A Kinematic Modeling and Control Scheme for Different Robotic Endoscopes: A Rudimentary Research Prototype. IEEE Robotics and Automation Letters, 2022, 7, 8885-8892.	3.3	3
23	Design and Analysis of a Long-range Magnetic Actuated and Guided Endoscope for Uniport VATS. , 2022, , .		2
24	Alterations in gut microbiota of esophageal squamous cell carcinoma patients. Journal of Gastroenterology and Hepatology (Australia), 2022, 37, 1919-1927.	1.4	11
25	Static Model Assisted Stereo-Visual Shape Sensing of Flexible Manipulators. IEEE Sensors Journal, 2021, 21, 11684-11691.	2.4	2
26	Striving to Protect Patients and Health Care Professionals in Endoscopy Units During Pandemics: From SARS to COVID-19. Gastroenterology, 2021, 160, 1431-1432.	0.6	4
27	EUS-guided gallbladder drainage versus laparoscopic cholecystectomy for acute cholecystitis: a propensity score analysis with 1-year follow-up data. Gastrointestinal Endoscopy, 2021, 93, 577-583.	0.5	46
28	Colonic endoscopic submucosal dissection using a novel robotic system (with video). Gastrointestinal Endoscopy, 2021, 93, 1172-1177.	0.5	24
29	Design and Real-Time Optimization for a Magnetic Actuation System With Enhanced Flexibility. IEEE/ASME Transactions on Mechatronics, 2021, 26, 1524-1535.	3.7	30
30	Outcomes of anterior versus posterior peroral endoscopic myotomy 2 years post-procedure: prospective follow-up results from a randomized clinical trial. Endoscopy, 2021, 53, 462-468.	1.0	25
31	COVID-19 and endoscopic management of superficial gastrointestinal neoplastic lesions: a multinational cross-sectional survey. Endoscopy, 2021, 53, 173-177.	1.0	7
32	Endoscopy-assisted magnetic navigation of biohybrid soft microrobots with rapid endoluminal delivery and imaging. Science Robotics, 2021, 6, .	9.9	164
33	LIMK1 promotes peritoneal metastasis of gastric cancer and is a therapeutic target. Oncogene, 2021, 40, 3422-3433.	2.6	23
34	Design and Preliminary Evaluation of an Electromagnetically Actuated Soft-Tethered Colonoscope. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 402-413.	2.1	14
35	Ultrafast self-gelling powder mediates robust wet adhesion to promote healing of gastrointestinal perforations. Science Advances, 2021, 7, .	4.7	118
36	Deep Learning Assisted Robotic Magnetic Anchored and Guided Endoscope for Real-Time Instrument Tracking. IEEE Robotics and Automation Letters, 2021, 6, 3979-3986.	3.3	20

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37	Independent Pattern Formation of Nanorod and Nanoparticle Swarms under an Oscillating Field. ACS Nano, 2021, 15, 4429-4439.	7.3	37
38	Parallel Actuation of Nanorod Swarm and Nanoparticle Swarm to Different Targets. , 2021, , .		0
39	Orientation Control of an Electromagnetically Actuated Soft-Tethered Colonoscope Based on 2OR Pseudo-Rigid-Body Model. , 2021, , .		6
40	An Autonomous Robotic Flexible Endoscope System with a DNA-inspired Continuum Mechanism. , 2021, , .		8
41	Design and Modeling of a Biomimetic Gastropod-like Soft Robot with Wet Adhesive Locomotion. , 2021, , .		5
42	Commentary. Endoscopy, 2021, 53, 95-95.	1.0	0
43	ESD for the Esophagus. , 2021, , 81-87.		0
44	Endocytoscopy for Diagnosis of Early Gastrointestinal Neoplasia. , 2021, , 121-127.		0
45	Endoscopic Diagnosis of Superficial Esophageal Neoplasia. , 2021, , 15-25.		0
46	Cricopharyngeal peroral endoscopic myotomy improves oropharyngeal dysphagia in patients with Parkinsonâ€™s disease. Endoscopy International Open, 2021, 09, E1811-E1819.	0.9	12
47	Nanoparticle-assembled bioadhesive coacervate coating with prolonged gastrointestinal retention for inflammatory bowel disease therapy. Nature Communications, 2021, 12, 7162.	5.8	70
48	Configuration, Layout, and Pose Optimization of Surgical Robotic System. , 2021, , .		0
49	Prevention of recurrent idiopathic gastroduodenal ulcer bleeding: a double-blind, randomised trial. Gut, 2020, 69, 652-657.	6.1	14
50	Peroral endoscopic myotomy: anterior versus posterior approach: a randomized single-blinded clinical trial. Gastrointestinal Endoscopy, 2020, 91, 288-297.e7.	0.5	51
51	Statement for gastroesophageal reflux disease after peroral endoscopic myotomy from an international multicenter experience. Esophagus, 2020, 17, 3-10.	1.0	53
52	Advanced gallbladder interventions after endoscopic ultrasonography-guided gallbladder drainage. Techniques and Innovations in Gastrointestinal Endoscopy, 2020, 22, 24-26.	0.4	0
53	Applications of Flexible Robots in Endoscopic Surgery. , 2020, , 303-322.		5
54	A robotic flexible endoscope with shared autonomy: a study of mockup cholecystectomy. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 2730-2741.	1.3	15

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55	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.	1.3	24
56	An international survey on recognition and characterization of atrophic gastritis and intestinal metaplasia. <i>Endoscopy International Open</i> , 2020, 08, E1365-E1370.	0.9	11
57	Recent advances in minimally invasive esophagectomy for squamous esophageal cancer. <i>Annals of the New York Academy of Sciences</i> , 2020, 1482, 113-120.	1.8	5
58	Recovery of endoscopy services in the era of COVID-19: recommendations from an international Delphi consensus. <i>Gut</i> , 2020, 69, 1915-1924.	6.1	34
59	A Novel Biomimic Soft Snail Robot Aiming for Gastrointestinal (GI) Tract Inspection. , 2020, , .		7
60	RoboMag: A Magnetic Actuation System Based on Mobile Electromagnetic Coils With Tunable Working Space. , 2020, , .		9
61	Bioadhesive hydrogels demonstrating pH-independent and ultrafast gelation promote gastric ulcer healing in pigs. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	147
62	Robot-assisted cervical esophagectomy: first clinical experiences and review of the literature. <i>Ecological Management and Restoration</i> , 2020, 33, .	0.2	5
63	Robotic endoscopy in gastroenterology: Has it come of age?. <i>JGH Open</i> , 2020, 4, 782-783.	0.7	1
64	A Semi-Autonomous Stereotactic Brain Biopsy Robot With Enhanced Safety. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 1405-1412.	3.3	10
65	Real-Time Magnetic Navigation of a Rotating Colloidal Microswarm Under Ultrasound Guidance. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 3403-3412.	2.5	70
66	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.	1.6	27
67	How To Maximize Trainee Education During the Coronavirus Disease-2019 Pandemic: Perspectives From Around the World. <i>Gastroenterology</i> , 2020, 159, 26-29.	0.6	42
68	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.	1.3	31
69	Sewing up the Wounds: A Robotic Suturing System for Flexible Endoscopy. <i>IEEE Robotics and Automation Magazine</i> , 2020, 27, 45-54.	2.2	23
70	Endoscopic removal of a submucosal embedded foreign body in the duodenum. <i>Endoscopy</i> , 2020, 52, E353-E354.	1.0	4
71	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.	3.7	17
72	Overview of guidance for endoscopy during the coronavirus disease 2019 pandemic. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 749-759.	1.4	137

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73	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.	6.1	264
74	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.	6.1	170
75	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.	0.6	38
76	Total enteroscopy by antegrade motorized spiral enteroscopy under conscious sedation for acute overt obscure gastrointestinal bleeding. <i>Endoscopy</i> , 2020, 52, E251-E252.	1.0	5
77	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.	3.3	20
78	A Novel Flexible Robotic Endoscope With Constrained Tendon-Driven Continuum Mechanism. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 1366-1372.	3.3	28
79	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.	7.2	39
80	ISDE guidance statement: management of upper gastrointestinal endoscopy and surgery in COVID-19 outbreak. <i>Ecological Management and Restoration</i> , 2020, 33, .	0.2	4
81	Third space endoscopy: Current evidence and future development. <i>International Journal of Gastrointestinal Intervention</i> , 2020, 9, 42-52.	0.1	1
82	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.	1.4	6
83	FlexiVision: Teleporting the Surgeon's Eyes via Robotic Flexible Endoscope and Head-Mounted Display. , 2020, , .		9
84	Prophylactic angiographic embolisation after endoscopic control of bleeding to high-risk peptic ulcers: a randomised controlled trial. <i>Gut</i> , 2019, 68, 796-803.	6.1	47
85	Shared Autonomy of a Flexible Manipulator in Constrained Endoluminal Surgical Tasks. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 3106-3112.	3.3	14
86	Effect of Peroral Endoscopic Myotomy vs Pneumatic Dilation on Symptom Severity and Treatment Outcomes Among Treatment-Naive Patients With Achalasia. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 134.	3.8	271
87	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.	3.3	21
88	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, .	5.8	38
89	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.	1.3	25
90	Autonomous Flexible Endoscope for Minimally Invasive Surgery With Enhanced Safety. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 2607-2613.	3.3	61

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91	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.	1.3	17
92	Miniature Bioreactors: On-Demand Coalescence and Splitting of Liquid Marbles and Their Bioapplications (<i>Adv. Sci.</i> 10/2019). <i>Advanced Science</i> , 2019, 6, 1970061.	5.6	0
93	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.	0.8	30
94	On-Demand Coalescence and Splitting of Liquid Marbles and Their Bioapplications. <i>Advanced Science</i> , 2019, 6, 1802033.	5.6	39
95	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.	2.3	15
96	Utility of a standardized training program for endoscopic diagnosis of early gastrointestinal neoplasia. <i>Endoscopy International Open</i> , 2019, 07, E452-E458.	0.9	5
97	Future of full thickness resection – Devices, indications, robotics, what is missing. <i>Techniques in Gastrointestinal Endoscopy</i> , 2019, 21, 48-56.	0.3	0
98	Reflux after per-oral endoscopic myotomy: Do we have a solution?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 2055-2056.	1.4	2
99	Standards of diagnostic colonoscopy for early-stage neoplasia: Recommendations by an Asian private group. <i>Digestive Endoscopy</i> , 2019, 31, 227-244.	1.3	15
100	How I do it: Flexible 3D endoscope for endoscopic submucosal dissection. <i>Digestive Endoscopy</i> , 2019, 31, 323-328.	1.3	8
101	An Asian consensus on standards of diagnostic upper endoscopy for neoplasia. <i>Gut</i> , 2019, 68, 186-197.	6.1	102
102	Real-time tracking of fluorescent magnetic spore-based microrobots for remote detection of <i>C. difficile</i> toxins. <i>Science Advances</i> , 2019, 5, eaau9650.	4.7	169
103	A Flexible Endoscopic Robotic Suturing System for Gastrointestinal Perforations: Animal Study. , ,		0
104	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.	0.1	0
105	Asia-Pacific working group consensus on non-variceal upper gastrointestinal bleeding: an update 2018. <i>Gut</i> , 2018, 67, 1757-1768.	6.1	185
106	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.	1.7	13
107	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.	2.8	16
108	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.	1.6	17

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109	Robotic Endoscopy. <i>Visceral Medicine</i> , 2018, 34, 45-51.	0.5	47
110	Reconfigurable Swarms of Ferromagnetic Colloids for Enhanced Local Hyperthermia. <i>Advanced Functional Materials</i> , 2018, 28, 1705701.	7.8	112
111	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.	1.6	92
112	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.	0.5	41
113	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.	1.3	5
114	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.	1.8	46
115	Magnetic Navigation of a Rotating Colloidal Swarm Using Ultrasound Images. , 2018, , .		21
116	A Novel Tele-operated Flexible Manipulator Based on the da-Vinci Research Kit. , 2018, , .		2
117	Editorial on quality standards in upper gastrointestinal endoscopy: a position statement of the British Society of Gastroenterology (BSG) and Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland (AUGIS). <i>Translational Gastroenterology and Hepatology</i> , 2018, 3, 13-13.	1.5	3
118	A Magnetically-Triggered Soft Capsule for On-Demand Mucus Collection. , 2018, , .		6
119	IDDF2018-ABS-0194 Adipose-derived mesenchymal stem cells promote healing of nsaid-related gastric ulcer through the paracrine effects in pigs. , 2018, , .		0
120	PS02.010: ESTABLISHMENT OF THE UPPER GI INTERNATIONAL ROBOTIC ASSOCIATION (UGIRA). <i>Ecological Management and Restoration</i> , 2018, 31, 123-123.	0.2	0
121	PS02.186: EUS-GUIDED FIDUCIAL MARKER INSERTION TO GUIDE RADIOTHERAPY IN ADVANCED ESOPHAGEAL CARCINOMA.. <i>Ecological Management and Restoration</i> , 2018, 31, 174-175.	0.2	0
122	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, 06, E1065-E1069.	0.9	11
123	A Biomimetic Soft Robot for Inspecting Pipeline with Significant Diameter Variation. , 2018, , .		25
124	Endoscopic suturing for management of peptic ulcer-related upper gastrointestinal bleeding: a preliminary experience. <i>Endoscopy International Open</i> , 2018, 06, E1439-E1444.	0.9	21
125	Development of High-Performance Solar Cells for the Jupiter and Saturn Environments. , 2018, , .		3
126	A Novel Magnetic Anchored and Steered Camera Robot for Single Port Access Surgery. , 2018, , .		4

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127	Shape Sensing of Flexible Manipulators With Visual Occlusion Based on Bezier Curve. <i>IEEE Sensors Journal</i> , 2018, 18, 8133-8142.	2.4	19
128	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.	4.0	24
129	Design and Evaluation of a Soft-Bodied Magnetic Anchored and Guided Endoscope. <i>Journal of Medical Robotics Research</i> , 2018, 03, 1841007.	1.0	4
130	Real-Time Deformation Sensing for Flexible Manipulators With Bending and Twisting. <i>IEEE Sensors Journal</i> , 2018, 18, 6412-6422.	2.4	10
131	CAB39L elicited an anti-Warburg effect via a LKB1-AMPK-PGC1 β axis to inhibit gastric tumorigenesis. <i>Oncogene</i> , 2018, 37, 6383-6398.	2.6	43
132	Colloidal Particles: Reconfigurable Swarms of Ferromagnetic Colloids for Enhanced Local Hyperthermia (<i>Adv. Funct. Mater.</i> 25/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870174.	7.8	1
133	Randomised controlled trial comparing modified Sano $\text{\textcircled{TM}}$ s and narrow band imaging international colorectal endoscopic classifications for colorectal lesions. <i>World Journal of Gastrointestinal Endoscopy</i> , 2018, 10, 210-218.	0.4	13
134	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.	1.2	17
135	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.	2.6	41
136	Removal of submucosal embedded fish bone in the esophagus with endoscopic submucosal dissection. <i>VideoGIE</i> , 2017, 2, 1.	0.3	5
137	Feasibility of performing esophageal endoscopic submucosal dissection using master and slave transluminal endoscopic robot. <i>Endoscopy</i> , 2017, 49, E27-E28.	1.0	16
138	Sodium Channel Subunit SCNN1B Suppresses Gastric Cancer Growth and Metastasis via GRP78 Degradation. <i>Cancer Research</i> , 2017, 77, 1968-1982.	0.4	46
139	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.	2.4	138
140	The adjuvant value of <i>Andrographis paniculata</i> in metastatic esophageal cancer treatment – from preclinical perspectives. <i>Scientific Reports</i> , 2017, 7, 854.	1.6	24
141	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.	0.6	25
142	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.	0.8	39
143	Endoscopic Treatment of Subepithelial Lesions of the Gastrointestinal Tract. <i>Current Treatment Options in Gastroenterology</i> , 2017, 15, 603-617.	0.3	12
144	Robot assisted tumor resection devices. <i>Expert Review of Medical Devices</i> , 2017, 14, 657-662.	1.4	12

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145	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.	0.6	3
146	Clinical pattern and prevalence of upper gastrointestinal toxicity in patients abusing ketamine. <i>Journal of Digestive Diseases</i> , 2017, 18, 504-510.	0.7	14
147	Shape-Reconstruction-Based Force Sensing Method for Continuum Surgical Robots With Large Deformation. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 1972-1979.	3.3	43
148	Robotic-assisted minimally invasive esophagectomy for treatment of esophageal carcinoma. <i>Journal of Robotic Surgery</i> , 2017, 11, 193-199.	1.0	16
149	Feasibility of per-oral cholecystoscopy and advanced gallbladder interventions after EUS-guided gallbladder stenting (with video). <i>Gastrointestinal Endoscopy</i> , 2017, 85, 1225-1232.	0.5	72
150	A Therapeutic Wireless Capsule for Treatment of Gastrointestinal Haemorrhage by Balloon Tamponade Effect. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1106-1114.	2.5	25
151	DDW 2016 review: Advances in therapeutic upper gastrointestinal endoscopy. <i>Digestive Endoscopy</i> , 2017, 29, 145-148.	1.3	2
152	Design and prototyping of a soft magnetic anchored and guidance endoscope system. , 2017, , .		5
153	Advanced-Architecture High-Efficiency Solar Cells for Low Irradiance Low Temperature (LILT) Applications. , 2017, , .		0
154	Endoscopic diagnosis and management of early squamous cell carcinoma of esophagus. <i>Journal of Thoracic Disease</i> , 2017, 9, S689-S696.	0.6	23
155	Recent advances in natural orifice transluminal endoscopic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49 Suppl 1, e3v364.	0.6	6
156	Application of robotics in gastrointestinal endoscopy: A review. <i>World Journal of Gastroenterology</i> , 2016, 22, 1811.	1.4	68
157	Techniques in robotic D2 subtotal gastrectomy. <i>Surgical Practice</i> , 2016, 20, 98-98.	0.1	0
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168	Correlation of CBD/CHD angulation with recurrent cholangitis in patients treated with ERCP. <i>Endoscopy International Open</i> , 2016, 04, E62-E67.	0.9	8
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176	Covert stroke after non-cardiac surgery: a prospective cohort study. <i>British Journal of Anaesthesia</i> , 2016, 117, 191-197.	1.5	57
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207	1000 Adventures in the Gallbladder! Initial Experience of Advanced Gallbladder Interventions After Gallbladder Stenting. <i>Gastrointestinal Endoscopy</i> , 2015, 81, AB183.	0.5	0
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234	Laparoscopic Heller's cardiomyotomy achieved lesser recurrent dysphagia with better quality of life when compared with endoscopic balloon dilatation for treatment of achalasia. <i>Ecological Management and Restoration</i> , 2013, 26, 231-236.	0.2	13

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242	Case report and a review of the literature of two patients with gastric <scp>MALT</scp>oma and pulmonary metastasis. <i>Surgical Practice</i> , 2013, 17, 28-30.	0.1	0
243	Peroral endoscopic myotomy for treatment of achalasia: from bench to bedside (with video). <i>Gastrointestinal Endoscopy</i> , 2013, 77, 29-38.	0.5	109
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259	A comparison of angiographic embolization with surgery after failed endoscopic hemostasis to bleeding peptic ulcers. <i>Gastrointestinal Endoscopy</i> , 2011, 73, 900-908.	0.5	113
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263	Hybrid type A aortic dissection repair: Interposition grafting and open endovascular stenting. <i>Surgical Practice</i> , 2011, 15, 66-67.	0.1	1
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279	Second-look endoscopy with thermal coagulation or injections for peptic ulcer bleeding: A meta-analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2010, 25, 8-13.	1.4	39
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295	Surgical Salvage of Bleeding Peptic Ulcers after Failed Therapeutic Endoscopy. <i>Digestive Surgery</i> , 2009, 26, 243-248.	0.6	20
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