

# Hong Gang Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,678  
citations

623734

14  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning-based model for detecting 2019 novel coronavirus pneumonia on high-resolution computed tomography. <i>Scientific Reports</i> , 2020, 10, 19196.	3.3	306
2	Detection of colorectal adenomas with a real-time computer-aided system (ENDOANGEL): a randomised controlled study. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 352-361.	8.1	251
3	Randomised controlled trial of WISENSE, a real-time quality improving system for monitoring blind spots during esophagogastroduodenoscopy. <i>Gut</i> , 2019, 68, 2161-2169.	12.1	221
4	A deep neural network improves endoscopic detection of early gastric cancer without blind spots. <i>Endoscopy</i> , 2019, 51, 522-531.	1.8	172
5	Evaluation of the effects of an artificial intelligence system on endoscopy quality and preliminary testing of its performance in detecting early gastric cancer: a randomized controlled trial. <i>Endoscopy</i> , 2021, 53, 1199-1207.	1.8	84
6	Comparing blind spots of unsedated ultrafine, sedated, and unsedated conventional gastroscopy with and without artificial intelligence: a prospective, single-blind, 3-parallel-group, randomized, single-center trial. <i>Gastrointestinal Endoscopy</i> , 2020, 91, 332-339.e3.	1.0	63
7	A deep learning-based system for identifying differentiation status and delineating the margins of early gastric cancer in magnifying narrow-band imaging endoscopy. <i>Endoscopy</i> , 2021, 53, 469-477.	1.8	56
8	Deep learning-based pancreas segmentation and station recognition system in EUS: development and validation of a useful training tool (with video). <i>Gastrointestinal Endoscopy</i> , 2020, 92, 874-885.e3.	1.0	51
9	Artificial intelligence in the diagnosis of gastric precancerous conditions by image-enhanced endoscopy: a multicenter, diagnostic study (with video). <i>Gastrointestinal Endoscopy</i> , 2021, 94, 540-548.e4.	1.0	44
10	A deep learning method for delineating early gastric cancer resection margin under chromoendoscopy and white light endoscopy. <i>Gastric Cancer</i> , 2020, 23, 884-892.	5.3	30
11	Real-time artificial intelligence for detecting focal lesions and diagnosing neoplasms of the stomach by white-light endoscopy (with videos). <i>Gastrointestinal Endoscopy</i> , 2022, 95, 269-280.e6.	1.0	30
12	Propionibacterium acnes overabundance in gastric cancer promote M2 polarization of macrophages via a TLR4/PI3K/Akt signaling. <i>Gastric Cancer</i> , 2021, 24, 1242-1253.	5.3	26
13	Gastrointestinal Symptoms Onset in COVID-19 Patients in Wuhan, China. <i>Digestive Diseases and Sciences</i> , 2021, 66, 3578-3587.	2.3	21
14	Endoscopists's diagnostic accuracy in detecting upper gastrointestinal neoplasia in the framework of artificial intelligence studies. <i>Endoscopy</i> , 2022, 54, 403-411.	1.8	17
15	Multi-step validation of a deep learning-based system for the quantification of bowel preparation: a prospective, observational study. <i>The Lancet Digital Health</i> , 2021, 3, e697-e706.	12.3	17
16	Intelligent difficulty scoring and assistance system for endoscopic extraction of common bile duct stones based on deep learning: multicenter study. <i>Endoscopy</i> , 2021, 53, 491-498.	1.8	15
17	Automated and real-time validation of gastroesophageal varices under esophagogastroduodenoscopy using a deep convolutional neural network: a multicenter retrospective study (with video). <i>Gastrointestinal Endoscopy</i> , 2021, 93, 422-432.e3.	1.0	14
18	Artificial intelligence in upper GI endoscopy -current status, challenges and future promise. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 20-24.	2.8	13

#	ARTICLE	IF	CITATIONS
19	A deep learning-based system for bile duct annotation and station recognition in linear endoscopic ultrasound. <i>EBioMedicine</i> , 2021, 65, 103238.	6.1	13
20	Doxorubicin combined with Notch1 targeting siRNA for the treatment of gastric cancer. <i>Oncology Letters</i> , 2018, 16, 2805-2812.	1.8	8
21	A deep learning-based system for real-time image reporting during esophagogastroduodenoscopy: a multicenter study. <i>Endoscopy</i> , 2022, 54, 771-777.	1.8	7
22	Expert-level classification of gastritis by endoscopy using deep learning: a multicenter diagnostic trial. <i>Endoscopy International Open</i> , 2021, 09, E955-E964.	1.8	5
23	An artificial intelligence difficulty scoring system for stone removal during ERCP: a prospective validation. <i>Endoscopy</i> , 2023, 55, 4-11.	1.8	5
24	The role of non- bacteria in the development of gastric cancer. <i>American Journal of Cancer Research</i> , 2020, 10, 2271-2281.	1.4	3
25	Impact of Computer-Assisted System on the Learning Curve and Quality in Esophagogastroduodenoscopy: Randomized Controlled Trial. <i>Frontiers in Medicine</i> , 2021, 8, 781256.	2.6	3
26	FHIT alterations in human esophageal, gastric and colorectal carcinomas. <i>Chinese Journal of Digestive Diseases</i> , 2002, 3, 120-123.	1.0	0