

Masashi Misawa

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

3,746
citations

172207

29
h-index

143772

57
g-index

109
all docs

109
docs citations

109
times ranked

2388
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the clinical use of artificial intelligence-assisted neoplasia detection for colonoscopy: a large-scale prospective, propensity score-matched study (with video). <i>Gastrointestinal Endoscopy</i> , 2022, 95, 155-163.	0.5	19
2	Evaluation in real-time use of artificial intelligence during colonoscopy to predict relapse of ulcerative colitis: a prospective study. <i>Gastrointestinal Endoscopy</i> , 2022, 95, 747-756.e2.	0.5	23
3	Progress in magnifying colonoscopy: Road to optical biopsy. <i>Digestive Endoscopy</i> , 2022, 34, 91-94.	1.3	1
4	Tumor Location as a Prognostic Factor in T1 Colorectal Cancer. <i>Journal of the Anus, Rectum and Colon</i> , 2022, 6, 9-15.	0.4	6
5	Current problems and perspectives of pathological risk factors for lymph node metastasis in T1 colorectal cancer: Systematic review. <i>Digestive Endoscopy</i> , 2022, 34, 901-912.	1.3	26
6	Challenges in artificial intelligence for polyp detection. <i>Digestive Endoscopy</i> , 2022, 34, 870-871.	1.3	2
7	Comprehensive Diagnostic Performance of Real-Time Characterization of Colorectal Lesions Using an Artificial Intelligence-Assisted System: A Prospective Study. <i>Gastroenterology</i> , 2022, 163, 323-325.e3.	0.6	14
8	Real-Time Artificial Intelligence-Based Optical Diagnosis of Neoplastic Polyps during Colonoscopy. , 2022, 1, .		36
9	Use of advanced endoscopic technology for optical characterization of neoplasia in patients with ulcerative colitis: Systematic review. <i>Digestive Endoscopy</i> , 2022, 34, 1297-1310.	1.3	4
10	Novel resect and analysis approach for T2 colorectal cancer with use of artificial intelligence. <i>Gastrointestinal Endoscopy</i> , 2022, 96, 665-672.e1.	0.5	8
11	Artificial intelligence for disease diagnosis: the criterion standard challenge. <i>Gastrointestinal Endoscopy</i> , 2022, 96, 370-372.	0.5	5
12	Impact of artificial intelligence on colorectal polyp detection for early-career endoscopists: an international comparative study. <i>Scandinavian Journal of Gastroenterology</i> , 2022, 57, 1272-1277.	0.6	3
13	Establishing key research questions for the implementation of artificial intelligence in colonoscopy: a modified Delphi method. <i>Endoscopy</i> , 2021, 53, 893-901.	1.0	35
14	Artificial intelligence for polyp detection during colonoscopy: a systematic review and meta-analysis. <i>Endoscopy</i> , 2021, 53, 277-284.	1.0	139
15	Development of a computer-aided detection system for colonoscopy and a publicly accessible large colonoscopy video database (with video). <i>Gastrointestinal Endoscopy</i> , 2021, 93, 960-967.e3.	0.5	111
16	Current status and future perspective on artificial intelligence for lower endoscopy. <i>Digestive Endoscopy</i> , 2021, 33, 273-284.	1.3	25
17	Artificial intelligence in colonoscopy -Now on the market. What's next?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 7-11.	1.4	40
18	Artificial Intelligence System to Determine Risk of T1 Colorectal Cancer Metastasis to Lymph Node. <i>Gastroenterology</i> , 2021, 160, 1075-1084.e2.	0.6	99

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19	Artificial intelligence and computer-aided diagnosis for colonoscopy: where do we stand now?. <i>Translational Gastroenterology and Hepatology</i> , 2021, 6, 0-0.	1.5	4
20	Current Status of Artificial Intelligence for Gastroenterology. <i>Journal of Japan Society of Computer Aided Surgery</i> , 2021, 23, 110-112.	0.1	0
21	Combined endocytoscopy with pit pattern diagnosis in ulcerative colitis-associated neoplasia: Pilot study. <i>Digestive Endoscopy</i> , 2021, , .	1.3	12
22	Colonoscopy screening and surveillance guidelines. <i>Digestive Endoscopy</i> , 2021, 33, 486-519.	1.3	67
23	Unsupervised colonoscopic depth estimation by domain translations with a Lambertian-reflection keeping auxiliary task. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 989-1001.	1.7	7
24	Artificial intelligence-assisted colonic endocytoscopy for cancer recognition: a multicenter study. <i>Endoscopy International Open</i> , 2021, 09, E1004-E1011.	0.9	14
25	Gastric cancer metastasis to the transverse colon requiring differentiation from early-stage colorectal cancer. <i>Progress of Digestive Endoscopy</i> , 2021, 98, 123-124.	0.0	0
26	Clinical Efficacy of Endocytoscopy for Gastrointestinal Endoscopy. <i>Clinical Endoscopy</i> , 2021, 54, 455-463.	0.6	8
27	Clinical and endoscopic characteristics of post-colonoscopy colorectal cancers detected within 10 years after a previous negative examination. <i>Endoscopy International Open</i> , 2021, 09, E1472-E1479.	0.9	1
28	Challenge to the "impossible". <i>Gastrointestinal Endoscopy</i> , 2021, 94, 639-640.	0.5	1
29	Binary polyp-size classification based on deep-learned spatial information. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 1817-1828.	1.7	9
30	Short- and long-term outcomes of self-expanding metallic stent placement vs. emergency surgery for malignant colorectal obstruction. <i>Molecular and Clinical Oncology</i> , 2021, 14, 63.	0.4	3
31	Can artificial intelligence help to detect dysplasia in patients with ulcerative colitis?. <i>Endoscopy</i> , 2021, 53, E273-E274.	1.0	25
32	Risk Stratification of T1 Colorectal Cancer Metastasis to Lymph Nodes: Current Status and Perspective. <i>Gut and Liver</i> , 2021, 15, 818-826.	1.4	20
33	Artificial Intelligence for Diagnosing Colorectal Lesion. <i>Nippon Laser Igakkaishi</i> , 2021, , .	0.0	0
34	Beyond complete endoscopic healing: goblet appearance using an endocytoscope to predict future sustained clinical remission in ulcerative colitis. <i>Digestive Endoscopy</i> , 2021, , .	1.3	13
35	Clinicopathological features of small T1 colorectal cancers. <i>World Journal of Clinical Cases</i> , 2021, 9, 10088-10097.	0.3	1
36	Identification of a small, depressed type of colorectal invasive cancer by an artificial intelligence-assisted detection system. <i>Endoscopy</i> , 2021, , .	1.0	1

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37	Letter: the combination of histologic remission and Mayo endoscopic score 1 as a suitable therapeutic target in ulcerative colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 955-956.	1.9	1
38	Artificial Intelligence-assisted System Improves Endoscopic Identification of Colorectal Neoplasms. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1874-1881.e2.	2.4	167
39	Artificial intelligence for magnifying endoscopy, endocytoscopy, and confocal laser endomicroscopy of the colorectum. <i>Techniques and Innovations in Gastrointestinal Endoscopy</i> , 2020, 22, 56-60.	0.4	1
40	Endocytoscopy for the differential diagnosis of colorectal low-grade adenoma: a novel possibility for the "resect and discard" strategy. <i>Gastrointestinal Endoscopy</i> , 2020, 91, 676-683.	0.5	13
41	Robust endocytoscopic image classification based on higher-order symmetric tensor analysis and multi-scale topological statistics. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 2049-2059.	1.7	1
42	Left-sided location is a risk factor for lymph node metastasis of T1 colorectal cancer: a single-center retrospective study. <i>International Journal of Colorectal Disease</i> , 2020, 35, 1911-1919.	1.0	20
43	Can artificial intelligence standardise colonoscopy quality?. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 331-332.	3.7	5
44	Endocytoscopic intramucosal capillary network changes and crypt architecture abnormalities can predict relapse in patients with an ulcerative colitis Mayo endoscopic score of 1. <i>Digestive Endoscopy</i> , 2020, 32, 1082-1091.	1.3	11
45	How Far Will Clinical Application of AI Applications Advance for Colorectal Cancer Diagnosis?. <i>Journal of the Anus, Rectum and Colon</i> , 2020, 4, 47-50.	0.4	3
46	Artificial Intelligence for Colorectal Polyp Detection and Characterization. <i>Current Treatment Options in Gastroenterology</i> , 2020, 18, 200-211.	0.3	7
47	Cost savings in colonoscopy with artificial intelligence-aided polyp diagnosis: an add-on analysis of a clinical trial (with video). <i>Gastrointestinal Endoscopy</i> , 2020, 92, 905-911.e1.	0.5	95
48	Treatment policy for colonic laterally spreading tumors based on each clinicopathologic feature of 4 subtypes: actual status of pseudo-depressed type. <i>Gastrointestinal Endoscopy</i> , 2020, 92, 1083-1094.e6.	0.5	15
49	Endocytoscopy with NBI has the potential to correctly diagnose diminutive colorectal polyps that are difficult to diagnose using conventional NBI. <i>Endoscopy International Open</i> , 2020, 08, E360-E367.	0.9	7
50	Depressed Colorectal Cancer: A New Paradigm in Early Colorectal Cancer. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00269.	1.3	7
51	Effects of the use of a wavy cap on the tip of the colonoscope on the training performance of novice endoscopists for colonoscopy. <i>World Academy of Sciences Journal</i> , 2020, 3, .	0.4	0
52	Small invasive colon cancer with adenoma observed by endocytoscopy: A case report. <i>World Journal of Gastrointestinal Endoscopy</i> , 2020, 12, 304-309.	0.4	2
53	Simultaneous detection and characterization of diminutive polyps with the use of artificial intelligence during colonoscopy. <i>VideoGIE</i> , 2019, 4, 7-10.	0.3	51
54	Quality assurance of computer-aided detection and diagnosis in colonoscopy. <i>Gastrointestinal Endoscopy</i> , 2019, 90, 55-63.	0.5	104

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55	Two cases of colitis-associated neoplasia observed with endocytoscopy. <i>Digestive Endoscopy</i> , 2019, 31, 43-44.	1.3	3
56	Endoscopic diagnosis and treatment of ulcerative colitis-associated neoplasia. <i>Digestive Endoscopy</i> , 2019, 31, 26-30.	1.3	10
57	Stable polyp-scene classification via subsampling and residual learning from an imbalanced large dataset. <i>Healthcare Technology Letters</i> , 2019, 6, 237-242.	1.9	5
58	Fully automated diagnostic system with artificial intelligence using endocytoscopy to identify the presence of histologic inflammation associated with ulcerative colitis (with video). <i>Gastrointestinal Endoscopy</i> , 2019, 89, 408-415.	0.5	165
59	Artificial intelligence and colonoscopy: Current status and future perspectives. <i>Digestive Endoscopy</i> , 2019, 31, 363-371.	1.3	108
60	Artificial intelligence and upper gastrointestinal endoscopy: Current status and future perspective. <i>Digestive Endoscopy</i> , 2019, 31, 378-388.	1.3	100
61	Artificial Intelligence-Assisted Polyp Detection for Colonoscopy: Initial Experience. <i>Gastroenterology</i> , 2018, 154, 2027-2029.e3.	0.6	281
62	Artificial intelligence may help in predicting the need for additional surgery after endoscopic resection of T1 colorectal cancer. <i>Endoscopy</i> , 2018, 50, 230-240.	1.0	100
63	Narrow band imaging efficiency in evaluation of mucosal healing/relapse of ulcerative colitis. <i>Endoscopy International Open</i> , 2018, 06, E518-E523.	0.9	24
64	Diminutive intramucosal invasive (Tis) sigmoid colon carcinoma. <i>Clinical Journal of Gastroenterology</i> , 2018, 11, 359-363.	0.4	4
65	White light-emitting contrast image capsule endoscopy for visualization of small intestine lesions: a pilot study. <i>Endoscopy International Open</i> , 2018, 06, E315-E321.	0.9	6
66	Clinicopathological features of T1 colorectal carcinomas with skip lymphovascular invasion. <i>Oncology Letters</i> , 2018, 16, 7264-7270.	0.8	4
67	Expression of matrix metalloproteinase-7 correlates with the invasion of T1 colorectal carcinoma. <i>Oncology Letters</i> , 2018, 15, 3614-3620.	0.8	1
68	Risk factors of recurrence in T1 colorectal cancers treated by endoscopic resection alone or surgical resection with lymph node dissection. <i>International Journal of Colorectal Disease</i> , 2018, 33, 1029-1038.	1.0	22
69	Endocytoscopic findings of colorectal neuroendocrine tumors (with video). <i>Endoscopy International Open</i> , 2018, 06, E589-E593.	0.9	1
70	Real-Time Use of Artificial Intelligence in Identification of Diminutive Polyps During Colonoscopy. <i>Annals of Internal Medicine</i> , 2018, 169, 357.	2.0	391
71	A case of gastrointestinal injury associated with nonsteroidal anti-inflammatory drug use. <i>Progress of Digestive Endoscopy</i> , 2018, 93, 113-115.	0.0	0
72	Comparative clinicopathological characteristics of colon and rectal T1 carcinoma. <i>Oncology Letters</i> , 2017, 13, 805-810.	0.8	14

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73	In vivo detection of desmoplastic reaction using endocytoscopy: A new diagnostic marker of submucosal or more extensive invasion in colorectal carcinoma. <i>Molecular and Clinical Oncology</i> , 2017, 6, 291-295.	0.4	4
74	Accuracy of computer-aided diagnosis based on narrow-band imaging endocytoscopy for diagnosing colorectal lesions: comparison with experts. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 757-766.	1.7	65
75	Accuracy of diagnosing invasive colorectal cancer using computer-aided endocytoscopy. <i>Endoscopy</i> , 2017, 49, 798-802.	1.0	109
76	Patient gender as a factor associated with lymph node metastasis in T1 colorectal cancer: A systematic review and meta-analysis. <i>Molecular and Clinical Oncology</i> , 2017, 6, 517-524.	0.4	16
77	The role of microvessel density, lymph node metastasis, and tumor size as prognostic factors of distant metastasis in colorectal cancer. <i>Oncology Letters</i> , 2017, 13, 4327-4333.	0.8	21
78	Management and risk factor of stenosis after endoscopic submucosal dissection for colorectal neoplasms. <i>Gastrointestinal Endoscopy</i> , 2017, 86, 358-369.	0.5	39
79	Classification of nuclear morphology in endocytoscopy of colorectal neoplasms. <i>Gastrointestinal Endoscopy</i> , 2017, 85, 628-638.	0.5	15
80	A novel ability of endocytoscopy to diagnose histological grade of differentiation in T1 colorectal carcinomas. <i>Endoscopy</i> , 2017, 50, 69-74.	1.0	9
81	The concept of "Semi-clean colon"™ using the pit pattern classification system has the potential to be acceptable in combination with a <3-year surveillance colonoscopy. <i>Oncology Letters</i> , 2017, 14, 2735-2742.	0.8	7
82	Use of endocytoscopy for identification of sessile serrated adenoma/polyps and hyperplastic polyps by quantitative image analysis of the luminal areas. <i>Endoscopy International Open</i> , 2017, 05, E769-E774.	0.9	5
83	Retrospective analysis of large bowel obstruction or perforation caused by oral preparation for colonoscopy. <i>Endoscopy International Open</i> , 2017, 05, E471-E476.	0.9	6
84	Computer-aided diagnosis for colonoscopy. <i>Endoscopy</i> , 2017, 49, 813-819.	1.0	130
85	Analysis of Risk Factors for Colonic Diverticular Bleeding: A Matched Case-Control Study. <i>Gut and Liver</i> , 2016, 10, 244.	1.4	18
86	"Head Invasion" Is Not a Metastasis-Free Condition in Pedunculated T1 Colorectal Carcinomas Based on the Precise Histopathological Assessment. <i>Digestion</i> , 2016, 94, 166-175.	1.2	13
87	Magnifying chromoendoscopic and endocytoscopic findings of juvenile polyps in the colon and rectum. <i>Oncology Letters</i> , 2016, 11, 237-242.	0.8	4
88	Evaluation of microvascular findings of deeply invasive colorectal cancer by endocytoscopy with narrow-band imaging. <i>Endoscopy International Open</i> , 2016, 04, E1280-E1285.	0.9	10
89	Comparison of the endocytoscopic and clinicopathologic features of colorectal neoplasms. <i>Endoscopy International Open</i> , 2016, 04, E397-E402.	0.9	5
90	Characterization of Colorectal Lesions Using a Computer-Aided Diagnostic System for Narrow-Band Imaging Endocytoscopy. <i>Gastroenterology</i> , 2016, 150, 1531-1532.e3.	0.6	158

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91	Impact of an automated system for endocytoscopic diagnosis of small colorectal lesions: an international web-based study. <i>Endoscopy</i> , 2016, 48, 1110-1118.	1.0	98
92	Management of T1 colorectal cancers after endoscopic treatment based on the risk stratification of lymph node metastasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 1126-1132.	1.4	73
93	Diagnosis of sessile serrated adenomas/polyps using endocytoscopy (with videos). <i>Digestive Endoscopy</i> , 2016, 28, 43-48.	1.3	9
94	Practical problems of measuring depth of submucosal invasion in T1 colorectal carcinomas. <i>International Journal of Colorectal Disease</i> , 2016, 31, 137-146.	1.0	45
95	Diagnostic performance of endocytoscopy for evaluating the invasion depth of different morphological types of colorectal tumors. <i>Digestive Endoscopy</i> , 2015, 27, 755-762.	1.3	18
96	Characteristics of colorectal tumours in asymptomatic patients with negative immunochemical faecal occult blood test results. <i>Molecular and Clinical Oncology</i> , 2015, 3, 1019-1024.	0.4	2
97	Endocytoscopic microvasculature evaluation is a reliable new diagnostic method for colorectal lesions (with video). <i>Gastrointestinal Endoscopy</i> , 2015, 82, 912-923.	0.5	41
98	Novel computer-aided diagnostic system for colorectal lesions by using endocytoscopy (with videos). <i>Gastrointestinal Endoscopy</i> , 2015, 81, 621-629.	0.5	136
99	Endocytoscopic narrow-band imaging efficiency for evaluation of inflammatory activity in ulcerative colitis. <i>World Journal of Gastroenterology</i> , 2015, 21, 2108-2115.	1.4	32
100	Endocytoscopy can provide additional diagnostic ability to magnifying chromoendoscopy for colorectal neoplasms. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 83-90.	1.4	39
101	Double staining with crystal violet and methylene blue is appropriate for colonic endocytoscopy: prospective pilot study. <i>Digestive Endoscopy</i> , 2014, 26, 403-408.	1.3	40
102	Efficiency of endocytoscopy in differentiating types of serrated polyps. <i>Gastrointestinal Endoscopy</i> , 2014, 79, 648-656.	0.5	35
103	The newly developed MoviPrep can reduce the patients'™ burden in the preparation for colonoscopy. <i>Progress of Digestive Endoscopy</i> , 2014, 85, 47-50.	0.0	0
104	A case of gastric anisakiasis with ulceration after tumor diagnosis. <i>Progress of Digestive Endoscopy</i> , 2014, 85, 76-77.	0.0	1
105	Magnifying narrow-band imaging of surface patterns for diagnosing colorectal cancer. <i>Oncology Reports</i> , 2013, 30, 350-356.	1.2	7
106	Clinicopathological studies of colorectal cancer in the aged patients. <i>Progress of Digestive Endoscopy</i> , 2009, 74, 36-39.	0.0	0
107	Uncertainty meets 3D-spatial feature in colonoscopic polyp-size determination. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 0, , 1-10.	1.3	0