

Masaaki Ito

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

3,121
citations

218677

26
h-index

175258

52
g-index

97
all docs

97
docs citations

97
times ranked

2646
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning-based automatic surgical step recognition in intraoperative videos for transanal total mesorectal excision. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 1143-1151.	2.4	14
2	Photoacoustic imaging of fresh human surgically and endoscopically resected gastrointestinal specimens. <i>DEN Open</i> , 2022, 2, e28.	0.9	2
3	Artificial intelligence-based computer vision in surgery: Recent advances and future perspectives. <i>Annals of Gastroenterological Surgery</i> , 2022, 6, 29-36.	2.4	30
4	Anastomosis-Related Complications After Stapled Anastomosis With Reinforced Sutures in Transanal Total Mesorectal Excision for Low Rectal Cancer: A Retrospective Single-Center Study. <i>Diseases of the Colon and Rectum</i> , 2022, 65, 246-253.	1.3	14
5	Challenges needed to be overcome in multi-institutional surgical trials: accumulated experience in the JCOG Colorectal Cancer Study Group (CCSG). <i>Japanese Journal of Clinical Oncology</i> , 2022, 52, 103-107.	1.3	0
6	Optimizing nodal and staging classification in low rectal cancers with lateral node metastasis: multicentre retrospective cohort study. <i>BJS Open</i> , 2022, 6, .	1.7	0
7	Validation of a novel virtual reality simulation system with the focus on training for surgical dissection during laparoscopic sigmoid colectomy. <i>BMC Surgery</i> , 2022, 22, 12.	1.3	8
8	Japanese D3 dissection in cancer of the colon: technique and results. , 2022, , 193-214.		1
9	Artificial Intelligence-Based Total Mesorectal Excision Plane Navigation in Laparoscopic Colorectal Surgery. <i>Diseases of the Colon and Rectum</i> , 2022, 65, e329-e333.	1.3	16
10	Impact of Endoscopic Surgical Skill Qualification on Laparoscopic Resections for Rectal Cancer in Japan: The EnSSURE Study. <i>Annals of Surgery Open</i> , 2022, 3, e160.	1.4	9
11	Impact of near-infrared fluorescence imaging with indocyanine green on structural sequelae of anastomotic leakage after laparoscopic intersphincteric resection of malignant rectal tumors. <i>Techniques in Coloproctology</i> , 2022, , .	1.8	2
12	Transanal total mesorectal excision for treating a lower rectal inflammatory myofibroblastic tumor: A case report. <i>Asian Journal of Endoscopic Surgery</i> , 2022, 15, 841-845.	0.9	1
13	Real-time vascular anatomical image navigation for laparoscopic surgery: experimental study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 6105-6112.	2.4	7
14	Computer-assisted real-time automatic prostate segmentation during TaTME: a single-center feasibility study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 2493-2499.	2.4	18
15	A nationwide, multi-institutional collaborative retrospective study of colorectal neuroendocrine tumors in Japan. <i>Annals of Gastroenterological Surgery</i> , 2021, 5, 215-220.	2.4	11
16	Association between urinary function and resected pattern of the autonomic nerve system after transanal total mesorectal excision for rectal cancer. <i>Colorectal Disease</i> , 2021, 23, 405-414.	1.4	7
17	Delorme surgery for colonic mucosal prolapse after intersphincteric resection. <i>Surgery Today</i> , 2021, 51, 916-922.	1.5	4
18	Sacral neuromodulation for the prevention of a permanent stoma in patients with severe defecation disorder following intersphincteric resection. <i>Surgery Today</i> , 2021, 51, 1379-1386.	1.5	6

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19	Potential benefit of laparoscopic surgery for rectal cancer on postoperative male sexual function. <i>Colorectal Disease</i> , 2021, 23, 1745-1754.	1.4	2
20	Primary Tumor Resection Plus Chemotherapy Versus Chemotherapy Alone for Colorectal Cancer Patients With Asymptomatic, Synchronous Unresectable Metastases (JCOG1007; iPACS): A Randomized Clinical Trial. <i>Journal of Clinical Oncology</i> , 2021, 39, 1098-1107.	1.6	118
21	Institutional variation in survival and morbidity in laparoscopic surgery for colon cancer: From the data of a randomized controlled trial comparing open and laparoscopic surgery (JCOG0404). <i>Annals of Gastroenterological Surgery</i> , 2021, 5, 823-831.	2.4	5
22	A multicentre confirmatory single-arm trial of the safety and efficacy of a transanal drain for prevention of anastomotic leakage after surgery for rectal cancer. <i>Colorectal Disease</i> , 2021, , .	1.4	7
23	Development and Validation of a 3-Dimensional Convolutional Neural Network for Automatic Surgical Skill Assessment Based on Spatiotemporal Video Analysis. <i>JAMA Network Open</i> , 2021, 4, e2120786.	5.9	21
24	Identification of patient subgroups with unfavorable long-term outcomes associated with laparoscopic surgery in a randomized controlled trial comparing open and laparoscopic surgery for colon cancer (Japan Clinical Oncology Group Study JCOG0404). <i>Annals of Gastroenterological Surgery</i> , 2021, 5, 804-812.	2.4	9
25	Development of a performance rubric for transanal endoscopic rectal purse-string sutures. <i>Techniques in Coloproctology</i> , 2021, , 1.	1.8	1
26	Risk factors for the incidence and severity of peristomal skin disorders defined using two scoring systems. <i>Surgery Today</i> , 2020, 50, 284-291.	1.5	11
27	Impact of intraoperative indocyanine green fluorescence angiography on anastomotic leakage after laparoscopic sphincter-sparing surgery for malignant rectal tumors. <i>International Journal of Colorectal Disease</i> , 2020, 35, 471-480.	2.2	55
28	Real-time automatic surgical phase recognition in laparoscopic sigmoidectomy using the convolutional neural network-based deep learning approach. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 4924-4931.	2.4	87
29	A novel surgical training simulator for transanal total mesorectal excision. <i>Techniques in Coloproctology</i> , 2020, 24, 1163-1168.	1.8	4
30	ISR for T1-2 Low Rectal Cancer: A Japanese Approach. <i>Clinics in Colon and Rectal Surgery</i> , 2020, 33, 361-365.	1.1	9
31	Novel oxygen saturation imaging endoscopy to assess anastomotic integrity in a porcine ischemia model. <i>BMC Surgery</i> , 2020, 20, 250.	1.3	6
32	Long-term survival outcomes following laparoscopic surgery for clinical stage 0/I rectal carcinoma. <i>Annals of Gastroenterological Surgery</i> , 2020, 4, 294-300.	2.4	0
33	Risk factors for parastomal hernia of loop stoma and relationships with other stoma complications in laparoscopic surgery era. <i>BMC Surgery</i> , 2020, 20, 141.	1.3	13
34	Challenges of improving treatment outcomes for colorectal and anal cancers in Japan: the Colorectal Cancer Study Group (CCSG) of the Japan Clinical Oncology Group (JCOG). <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 368-378.	1.3	7
35	Prognostic Impact of Curative Resection for Peritoneal Recurrence of Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2020, 27, 2487-2497.	1.5	6
36	Clinical impact of D3 lymph node dissection with left colic artery (LCA) preservation compared to D3 without LCA preservation: Exploratory subgroup analysis of data from JCOG0404. <i>Annals of Gastroenterological Surgery</i> , 2020, 4, 163-169.	2.4	24

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37	Automated laparoscopic colorectal surgery workflow recognition using artificial intelligence: Experimental research. <i>International Journal of Surgery</i> , 2020, 79, 88-94.	2.7	68
38	Ki67 expression and localization of T cells after neoadjuvant therapies as reliable predictive markers in rectal cancer. <i>Cancer Science</i> , 2020, 111, 23-35.	3.9	25
39	Prediction of urinary retention after surgery for rectal cancer using voiding efficiency in the 24h following Foley catheter removal. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1431-1443.	2.2	10
40	A novel device designed to improve the operability of energy devices with foot pedals in endoscopic surgery: the Foot-Site Monitor. <i>Surgery Today</i> , 2019, 49, 965-970.	1.5	1
41	Recurrence of rectal anastomotic leakage following stoma closure: assessment of risk factors. <i>Colorectal Disease</i> , 2019, 21, 1304-1311.	1.4	15
42	Resection of the urinary bladder for locally advanced colorectal cancer: a retrospective comparison of partial versus total cystectomy. <i>BMC Surgery</i> , 2019, 19, 63.	1.3	14
43	The utility of longitudinal slicing method for rectal specimen: pathological analysis of circumferential resection margin of intersphincteric resection for low-lying rectal cancer. <i>Pathology International</i> , 2019, 69, 272-281.	1.3	5
44	Long-Term Outcomes and Lymph Node Metastasis in Patients Receiving Radical Surgery for Pathological T1 Lower Rectal Cancer. <i>World Journal of Surgery</i> , 2019, 43, 649-656.	1.6	4
45	Transanal total mesorectal excision of giant villous tumor of the lower rectum with McKittrick-Wheelock syndrome: a case report of a novel surgical approach. <i>Surgical Case Reports</i> , 2019, 5, 173.	0.6	5
46	Urinary dysfunction after rectal cancer surgery: Results from a randomized trial comparing mesorectal excision with and without lateral lymph node dissection for clinical stage II or III lower rectal cancer (Japan Clinical Oncology Group Study, JCOG0212). <i>European Journal of Surgical Oncology</i> , 2018, 44, 463-468.	1.0	93
47	Preventive effect of diverting stoma on anastomotic leakage after laparoscopic low anterior resection with double stapling technique reconstruction applied based on risk stratification. <i>Asian Journal of Endoscopic Surgery</i> , 2018, 11, 220-226.	0.9	35
48	Carbon dioxide embolism during transanal total mesorectal excision (taTME). <i>Techniques in Coloproctology</i> , 2018, 22, 735-738.	1.8	10
49	Effect of preoperative chemotherapy on distal spread of low rectal cancer located close to the anus. <i>International Journal of Colorectal Disease</i> , 2018, 33, 1685-1693.	2.2	3
50	Extended pelvic resection for rectal and anal canal tumors is a significant risk factor for perineal wound infection: a retrospective cohort study. <i>Surgery Today</i> , 2018, 48, 978-985.	1.5	11
51	Changes in the Global Strategy and Future Perspectives in Surgical Treatment for Low Rectal Cancer. <i>Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association)</i> , 2018, 79, 1583-1596.	0.0	0
52	Risk factors for anastomotic leakage after laparoscopic surgery with the double stapling technique for stage 0/II rectal carcinoma: a subgroup analysis of a multicenter, single-arm phase II trial. <i>Surgery Today</i> , 2017, 47, 1215-1222.	1.5	38
53	Efficacy of an additional flap operation in bladder-preserving surgery with radical prostatectomy and cystourethral anastomosis for rectal cancer involving the prostate. <i>Surgery Today</i> , 2017, 47, 1119-1128.	1.5	2
54	Mesorectal Excision With or Without Lateral Lymph Node Dissection for Clinical Stage II/III Lower Rectal Cancer (JCOG0212). <i>Annals of Surgery</i> , 2017, 266, 201-207.	4.2	322

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55	A three-dimensional pelvic model made with a three-dimensional printer: applications for laparoscopic surgery to treat rectal cancer. <i>Techniques in Coloproctology</i> , 2017, 21, 383-387.	1.8	22
56	Quantitative evaluation of 3D imaging in laparoscopic surgery. <i>Surgery Today</i> , 2017, 47, 440-444.	1.5	9
57	Survival outcomes following laparoscopic versus open D3 dissection for stage II or III colon cancer (JCOG0404): a phase 3, randomised controlled trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 261-268.	8.1	208
58	The Impact of Anastomotic Leakage on Anal Function Following Intersphincteric Resection. <i>World Journal of Surgery</i> , 2017, 41, 2168-2177.	1.6	31
59	Compact forceps manipulator with a spherical-coordinate linear and circular telescopic rail mechanism for endoscopic surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1345-1353.	2.8	10
60	A novel transanal tube designed to prevent anastomotic leakage after rectal cancer surgery: the WING DRAIN. <i>Surgery Today</i> , 2017, 47, 513-520.	1.5	16
61	Relationship between tissue tension and thermal diffusion to peripheral tissue using an energy device. <i>Asian Journal of Endoscopic Surgery</i> , 2016, 9, 226-230.	0.9	4
62	Association between pathologic features of peripheral nerves and postoperative anal function after neoadjuvant therapy for low rectal cancer. <i>International Journal of Colorectal Disease</i> , 2016, 31, 1845-1852.	2.2	15
63	Extra-luminal detection of assumed colonic tumor site by near-infrared laparoscopy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 4153-4159.	2.4	11
64	Comparison of symptomatic anastomotic leakage following laparoscopic and open low anterior resection for rectal cancer: a propensity score matching analysis of 1014 consecutive patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 2848-2856.	2.4	49
65	Morphological study of the neurovascular bundle to elucidate nerve damage in pelvic surgery. <i>International Journal of Colorectal Disease</i> , 2016, 31, 503-509.	2.2	5
66	Efficacy and safety of endoscopic radial incision and cutting for benign severe anastomotic stricture after surgery for lower rectal cancer (with video). <i>Gastrointestinal Endoscopy</i> , 2015, 81, 770-773.	1.0	26
67	Effects of a Diverting Stoma on Symptomatic Anastomotic Leakage after Low Anterior Resection for Rectal Cancer: A Propensity Score Matching Analysis of 1,014 Consecutive Patients. <i>Journal of the American College of Surgeons</i> , 2015, 220, 186-194.	0.5	161
68	Cancer-targeted near infrared imaging using rare earth ion-doped ceramic nanoparticles. <i>Biomaterials Science</i> , 2015, 3, 59-64.	5.4	46
69	Effectiveness of a Transanal Tube for the Prevention of Anastomotic Leakage after Rectal Cancer Surgery. <i>World Journal of Surgery</i> , 2014, 38, 1843-1851.	1.6	77
70	Long-term Outcomes after Intersphincteric Resection for Low-Lying Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2014, 21, 3608-3615.	1.5	84
71	Multicenter Study of Short- and Long-Term Outcomes of Laparoscopic Palliative Resection for Incurable, Symptomatic Stage IV Colorectal Cancer in Japan. <i>Journal of Gastrointestinal Surgery</i> , 2013, 17, 776-783.	1.7	19
72	Laparoscopic Surgery for Stage 0/II Rectal Carcinoma. <i>Annals of Surgery</i> , 2013, 258, 283-288.	4.2	45

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73	Association between Anal Function and Therapeutic Effect after Preoperative Chemoradiotherapy followed by Intersphincteric Resection. <i>Digestive Surgery</i> , 2012, 29, 439-445.	1.2	12
74	Differences in tissue degeneration between preoperative chemotherapy and preoperative chemoradiotherapy for colorectal cancer. <i>International Journal of Colorectal Disease</i> , 2012, 27, 1047-1053.	2.2	10
75	Laparoscopic surgery for palliative resection of the primary tumor in incurable stage IV colorectal cancer. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 3201-3206.	2.4	9
76	Postoperative chylous ascites after colorectal cancer surgery. <i>Surgery Today</i> , 2012, 42, 724-728.	1.5	34
77	The Association Between Anal Function and Neural Degeneration After Preoperative Chemoradiotherapy Followed by Intersphincteric Resection. <i>Diseases of the Colon and Rectum</i> , 2011, 54, 1423-1429.	1.3	27
78	Male sexual dysfunction after rectal cancer surgery. <i>International Journal of Colorectal Disease</i> , 2011, 26, 1541-1548.	2.2	69
79	Postoperative Lymphocyte Percentage Influences the Long-term Disease-free Survival Following a Resection for Colorectal Carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 343-347.	1.3	18
80	Preliminary experience with bladder preservation for lower rectal cancers involving the lower urinary tract. <i>Journal of Surgical Oncology</i> , 2010, 102, 778-783.	1.7	4
81	Development of Near Infrared-Fluorescent Nanophosphors and Applications for Cancer Diagnosis and Therapy. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-7.	2.7	32
82	Influence of learning curve on short-term results after laparoscopic resection for rectal cancer. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 403-408.	2.4	84
83	Oncologic Outcome of Intersphincteric Resection for Very Low Rectal Cancer. <i>World Journal of Surgery</i> , 2009, 33, 1750-1756.	1.6	73
84	Analysis of Clinical Factors Associated with Anal Function after Intersphincteric Resection for Very Low Rectal Cancer. <i>Diseases of the Colon and Rectum</i> , 2009, 52, 64-70.	1.3	122
85	Relationship between multiple numbers of stapler firings during rectal division and anastomotic leakage after laparoscopic rectal resection. <i>International Journal of Colorectal Disease</i> , 2008, 23, 703-707.	2.2	246
86	Preoperative Diagnosis of Lymph Node Metastases of Colorectal Cancer by FDG-PET/CT. <i>Japanese Journal of Clinical Oncology</i> , 2008, 38, 347-353.	1.3	91
87	Intersphincteric Resection in Patients with Very Low Rectal Cancer. <i>Diseases of the Colon and Rectum</i> , 2006, 49, S13-S22.	1.3	121
88	Early Results of Intersphincteric Resection for Patients with Very Low Rectal Cancer: An Active Approach to Avoid a Permanent Colostomy. <i>Diseases of the Colon and Rectum</i> , 2004, 47, 459-466.	1.3	129
89	Indocyanine green fluorescence angiography during laparoscopic rectal surgery. <i>Annals of Laparoscopic and Endoscopic Surgery</i> , 0, 2, 7-7.	0.5	2
90	Morphological characteristics of lateral pelvic lymph nodes in locally advanced lower rectal cancer: A retrospective study. <i>Annals of Gastroenterological Surgery</i> , 0, , .	2.4	0

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91	Japanese multicenter prospective study investigating laparoscopic surgery for locally advanced rectal cancer with evaluation of CRM and TME quality (PRODUCT trial). Annals of Gastroenterological Surgery, 0, , .	2.4	2