

Atsuo Yamada

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

3,784
citations

136950

32
h-index

144013

57
g-index

116
all docs

116
docs citations

116
times ranked

3725
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermediate honeycomb ordering to trigger oxygen redox chemistry in layered battery electrode. <i>Nature Communications</i> , 2016, 7, 11397.	12.8	232
2	Automatic detection of erosions and ulcerations in wireless capsule endoscopy images based on a deep convolutional neural network. <i>Gastrointestinal Endoscopy</i> , 2019, 89, 357-363.e2.	1.0	217
3	A Randomized Controlled Trial Evaluating the Usefulness of a Transparent Hood Attached to the Tip of the Colonoscope. <i>American Journal of Gastroenterology</i> , 2007, 102, 75-81.	0.4	192
4	Single-balloon versus double-balloon endoscopy for achieving total enteroscopy: a randomized, controlled trial. <i>Gastrointestinal Endoscopy</i> , 2011, 73, 734-739.	1.0	175
5	Histologic intestinal metaplasia and endoscopic atrophy are predictors of gastric cancer development after <i>Helicobacter pylori</i> eradication. <i>Gastrointestinal Endoscopy</i> , 2016, 84, 618-624.	1.0	168
6	Molecular Orbital Principles of Oxygen-Redox Battery Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36463-36472.	8.0	146
7	Automatic detection and classification of protruding lesions in wireless capsule endoscopy images based on a deep convolutional neural network. <i>Gastrointestinal Endoscopy</i> , 2020, 92, 144-151.e1.	1.0	124
8	Assessment of the Risk Factors for Colonic Diverticular Hemorrhage. <i>Diseases of the Colon and Rectum</i> , 2008, 51, 116-120.	1.3	119
9	Diagnostic and Therapeutic Endoscopic Retrograde Cholangiography Using a Short-Type Double-Balloon Endoscope in Patients With Altered Gastrointestinal Anatomy: A Multicenter Prospective Study in Japan. <i>American Journal of Gastroenterology</i> , 2016, 111, 1750-1758.	0.4	119
10	Artificial intelligence using a convolutional neural network for automatic detection of smallâ€bowel angioectasia in capsule endoscopy images. <i>Digestive Endoscopy</i> , 2020, 32, 382-390.	2.3	114
11	Layered Na ₂ RuO ₃ as a cathode material for Na-ion batteries. <i>Electrochemistry Communications</i> , 2013, 33, 23-26.	4.7	92
12	Automatic detection of blood content in capsule endoscopy images based on a deep convolutional neural network. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 1196-1200.	2.8	77
13	Clinical usefulness of a deep learningâ€based system as the first screening on smallâ€bowel capsule endoscopy reading. <i>Digestive Endoscopy</i> , 2020, 32, 585-591.	2.3	74
14	Efficacy and Safety of Early vs Elective Colonoscopy for Acute Lower Gastrointestinal Bleeding. <i>Gastroenterology</i> , 2020, 158, 168-175.e6.	1.3	67
15	The association between arteriosclerosis related diseases and diverticular bleeding. <i>International Journal of Colorectal Disease</i> , 2012, 27, 1161-1166.	2.2	64
16	Coulombic self-ordering upon charging a large-capacity layered cathode material for rechargeable batteries. <i>Nature Communications</i> , 2019, 10, 2185.	12.8	62
17	Nonpolarizing oxygen-redox capacity without O-O dimerization in Na ₂ Mn ₃ O ₇ . <i>Nature Communications</i> , 2021, 12, 631.	12.8	62
18	Multiorbital bond formation for stable oxygen-redox reaction in battery electrodes. <i>Energy and Environmental Science</i> , 2020, 13, 1492-1500.	30.8	60

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19	Factors predicting adverse events associated with therapeutic colonoscopy for colorectal neoplasia: a retrospective nationwide study in Japan. <i>Gastrointestinal Endoscopy</i> , 2016, 84, 971-982.e6.	1.0	50
20	Association between gastric cancer and the Kyoto classification of gastritis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 1581-1586.	2.8	50
21	Endoscopic management of bile duct stones in patients with surgically altered anatomy. <i>Digestive Endoscopy</i> , 2018, 30, 67-74.	2.3	49
22	Long-term proton pump inhibitor use is a risk factor of gastric cancer after treatment for <i>Helicobacter pylori</i> : a retrospective cohort analysis. <i>Gut</i> , 2018, 67, 1908-1910.	12.1	48
23	Initial management for acute lower gastrointestinal bleeding. <i>World Journal of Gastroenterology</i> , 2019, 25, 69-84.	3.3	44
24	Prevalence of pks-positive <i>Escherichia coli</i> in Japanese patients with or without colorectal cancer. <i>Gut Pathogens</i> , 2017, 9, 35.	3.4	43
25	Distribution of intestinal metaplasia as a predictor of gastric cancer development. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 1260-1264.	2.8	42
26	Automatic detection of various abnormalities in capsule endoscopy videos by a deep learning-based system: a multicenter study. <i>Gastrointestinal Endoscopy</i> , 2021, 93, 165-173.e1.	1.0	42
27	EXPERIENCES OF BILIARY INTERVENTIONS USING SHORT DOUBLE-BALLOON ENTEROSCOPY IN PATIENTS WITH ROUX-EN-Y ANASTOMOSIS OR HEPATICOJEJUNOSTOMY. <i>Digestive Endoscopy</i> , 2010, 22, 211-216.	2.3	41
28	Endoscopic management of colonic diverticular bleeding. <i>Digestive Endoscopy</i> , 2015, 27, 721-726.	2.3	38
29	Factors affecting in-hospital mortality in patients with lower gastrointestinal tract bleeding: a retrospective study using a national database in Japan. <i>Journal of Gastroenterology</i> , 2015, 50, 533-540.	5.1	37
30	Double-balloon endoscopy-assisted treatment of hepaticojejunostomy anastomotic strictures and predictive factors for treatment success. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 1612-1620.	2.4	36
31	Timing of capsule endoscopy influences the diagnosis and outcome in obscure-overt gastrointestinal bleeding. <i>Hepato-Gastroenterology</i> , 2012, 59, 676-9.	0.5	35
32	Acute Middle Gastrointestinal Bleeding Risk Associated with NSAIDs, Antithrombotic Drugs, and PPIs: A Multicenter Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0151332.	2.5	34
33	Designing positive electrodes with high energy density for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7407-7421.	10.3	34
34	Cobalt-Free O ₂ -Type Lithium-Rich Layered Oxides. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3630-A3633.	2.9	32
35	Performance of a new short-type double-balloon endoscope with advanced force transmission and adaptive bending for pancreaticobiliary intervention in patients with surgically altered anatomy: A propensity-matched analysis. <i>Digestive Endoscopy</i> , 2019, 31, 86-93.	2.3	32
36	Automatic detection of colorectal neoplasia in wireless colon capsule endoscopic images using a deep convolutional neural network. <i>Endoscopy</i> , 2021, 53, 832-836.	1.8	32

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37	Automatic detection of different types of small-bowel lesions on capsule endoscopy images using a newly developed deep convolutional neural network. <i>Endoscopy</i> , 2020, 52, 786-791.	1.8	32
38	Identifying Bleeding Etiologies by Endoscopy Affected Outcomes in 10,342 Cases With Hematochezia: CODE BLUE-J Study. <i>American Journal of Gastroenterology</i> , 2021, 116, 2222-2234.	0.4	31
39	Vonoprazan <i>versus</i> conventional proton pump inhibitor-based triple therapy as first-line treatment against <i>Helicobacter pylori</i> : A multicenter retrospective study in clinical practice. <i>Journal of Digestive Diseases</i> , 2016, 17, 670-675.	1.5	30
40	Utility of single and double balloon endoscopy in patients with difficult colonoscopy: A randomized controlled trial. <i>World Journal of Gastroenterology</i> , 2013, 19, 4732.	3.3	28
41	Spiral enteroscopy for therapeutic ERCP in patients with surgically altered anatomy: actual technique and review of the literature. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2011, 18, 375-379.	2.6	26
42	New predictive model of rebleeding during follow-up of patients with obscure gastrointestinal bleeding: A multicenter cohort study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 752-760.	2.8	26
43	Endoscopic management of pancreatic diseases in patients with surgically altered anatomy: clinical outcomes of combination of double-balloon endoscopy and endoscopic ultrasound-guided interventions. <i>Digestive Endoscopy</i> , 2021, 33, 441-450.	2.3	25
44	Colonoscopy reduces colorectal cancer mortality: A multicenter, long-term, colonoscopy-based cohort study. <i>PLoS ONE</i> , 2017, 12, e0185294.	2.5	25
45	Utilizing artificial intelligence in endoscopy: a clinician's guide. <i>Expert Review of Gastroenterology and Hepatology</i> , 2020, 14, 689-706.	3.0	24
46	Sessile serrated adenoma detection rate is correlated with adenoma detection rate. <i>World Journal of Gastrointestinal Oncology</i> , 2018, 10, 82-90.	2.0	23
47	Artificial intelligence versus expert endoscopists for diagnosis of gastric cancer in patients who have undergone upper gastrointestinal endoscopy. <i>Endoscopy</i> , 2022, 54, 780-784.	1.8	23
48	Machine learning-based personalized prediction of gastric cancer incidence using the endoscopic and histologic findings at the initial endoscopy. <i>Gastrointestinal Endoscopy</i> , 2022, 95, 864-872.	1.0	23
49	Irsogladine improves small-intestinal injuries in regular users of nonsteroidal anti-inflammatory drugs. <i>Gastrointestinal Endoscopy</i> , 2014, 80, 118-125.	1.0	22
50	The prevalence of small intestinal polyps in patients with familial adenomatous polyposis: a prospective capsule endoscopy study. <i>Familial Cancer</i> , 2014, 13, 23-28.	1.9	21
51	Efficacy and safety of a new rifabutin-based triple therapy with vonoprazan for refractory <i>Helicobacter pylori</i> infection: A prospective single-arm study. <i>Helicobacter</i> , 2020, 25, e12719.	3.5	21
52	Adverse Events during Bowel Preparation and Colonoscopy in Patients with Acute Lower Gastrointestinal Bleeding Compared with Elective Non-Gastrointestinal Bleeding. <i>PLoS ONE</i> , 2015, 10, e0138000.	2.5	21
53	Double-balloon enteroscope-assisted enteral stent placement for malignant afferent-loop obstruction after Roux-en-Y reconstruction. <i>Endoscopy</i> , 2014, 46, E541-E542.	1.8	19
54	Endoscopic treatment of hepaticojejunostomy anastomotic strictures using fully-covered metal stents. <i>Digestive Endoscopy</i> , 2021, 33, 451-457.	2.3	19

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55	Effectiveness and adverse events of endoscopic clipping versus band ligation for colonic diverticular hemorrhage: a large-scale multicenter cohort study. <i>Endoscopy</i> , 2022, 54, 735-744.	1.8	19
56	Efficacy of Vonoprazan for Gastroesophageal Reflux Symptoms in Patients with Proton Pump Inhibitor-resistant Non-erosive Reflux Disease. <i>Internal Medicine</i> , 2018, 57, 2443-2450.	0.7	18
57	Effect of aspirin use on gastric cancer incidence and survival: A systematic review and meta-analysis. <i>JGH Open</i> , 2020, 4, 117-125.	1.6	18
58	Associations between drugs and small-bowel mucosal bleeding: Multicenter capsule-endoscopy study. <i>Digestive Endoscopy</i> , 2018, 30, 79-89.	2.3	17
59	Assessment of an electronic learning system for colon capsule endoscopy: a pilot study. <i>Journal of Gastroenterology</i> , 2016, 51, 579-585.	5.1	15
60	External validation of the NOBLADS score, a risk scoring system for severe acute lower gastrointestinal bleeding. <i>PLoS ONE</i> , 2018, 13, e0196514.	2.5	15
61	<i>Helicobacter pylori</i> eradication improved the Kyoto classification score on endoscopy. <i>JGH Open</i> , 2020, 4, 909-914.	1.6	15
62	Treatment strategies for reducing early and late recurrence of colonic diverticular bleeding based on stigmata of recent hemorrhage: a large multicenter study. <i>Gastrointestinal Endoscopy</i> , 2022, 95, 1210-1222.e12.	1.0	15
63	Analysis of predictive factors for R0 resection and immediate bleeding of cold snare polypectomy in colonoscopy. <i>PLoS ONE</i> , 2019, 14, e0213281.	2.5	14
64	The Effects of Direct Oral Anticoagulants, Warfarin, Aspirin and Thienopyridine on the Performance of Immunochemical, Faecal, Occult Blood Tests. <i>Digestion</i> , 2019, 100, 117-126.	2.3	14
65	Characterization of a New Small Bowel Adenocarcinoma Cell Line and Screening of Anti-Cancer Drug against Small Bowel Adenocarcinoma. <i>American Journal of Pathology</i> , 2015, 185, 550-562.	3.8	13
66	Impact of fecal occult blood on obscure gastrointestinal bleeding: Observational study. <i>World Journal of Gastroenterology</i> , 2015, 21, 326.	3.3	13
67	Incidence of Small Intestinal Lesions in Patients with Iron Deficiency Anemia. <i>Hepato-Gastroenterology</i> , 2011, 58, 1240-1243.	0.5	13
68	Distinct Chemopreventive Effects of Aspirin in Diffuse and Intestinal-Type Gastric Cancer. <i>Cancer Prevention Research</i> , 2018, 11, 279-286.	1.5	12
69	The Reduction in Gastric Atrophy after <i>Helicobacter pylori</i> Eradication Is Reduced by Treatment with Inhibitors of Gastric Acid Secretion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1913.	4.1	12
70	Endoscopic direct clipping versus indirect clipping for colonic diverticular bleeding: A large multicenter cohort study. <i>United European Gastroenterology Journal</i> , 2022, 10, 93-103.	3.8	12
71	SURVEILLANCE OF SMALL INTESTINAL ABNORMALITIES IN PATIENTS WITH HEPATOCELLULAR CARCINOMA: A PROSPECTIVE CAPSULE ENDOSCOPY STUDY. <i>Digestive Endoscopy</i> , 2011, 23, 124-129.	2.3	11
72	Efficacy of triple therapy with esomeprazole, amoxicillin, and sitafloxacin as a third-line <i>Helicobacter pylori</i> eradication regimen. <i>International Journal of Infectious Diseases</i> , 2016, 51, 66-69.	3.3	11

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73	OLGIM staging and proton pump inhibitor use predict the risk of gastric cancer. <i>Gut</i> , 2022, 71, 1043-1044.	12.1	11
74	Etiology and long-term rebleeding of endoscopic ulcerative lesions in the small bowel in patients with obscure gastrointestinal bleeding: A multicenter cohort study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 1327-1334.	2.8	10
75	Chemoprevention of Oesophageal Squamous-Cell Carcinoma and Adenocarcinoma: A Multicentre Retrospective Cohort Study. <i>Digestion</i> , 2022, 103, 192-204.	2.3	10
76	Association between colorectal polyps and hypertension treatment. <i>Journal of Digestive Diseases</i> , 2015, 16, 649-655.	1.5	9
77	Electrohydraulic lithotripsy of large bile duct stones under direct cholangioscopy with a double-balloon endoscope. <i>Endoscopy</i> , 2015, 47, E519-E520.	1.8	8
78	Diagnostic capability of colon capsule endoscopy for advanced colorectal cancer: A pilot study. <i>Digestive Endoscopy</i> , 2017, 29, 695-701.	2.3	8
79	A multicenter, randomized controlled trial comparing the identification rate of stigmata of recent hemorrhage and rebleeding rate between early and elective colonoscopy in outpatient-onset acute lower gastrointestinal bleeding: study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 214.	1.6	8
80	International Observational Survey of the Effectiveness of Personal Protective Equipment during Endoscopic Procedures Performed in Patients with COVID-19. <i>Digestion</i> , 2021, 102, 845-853.	2.3	8
81	Use of Antibiotics and Probiotics Reduces the Risk of Metachronous Gastric Cancer after Endoscopic Resection. <i>Biology</i> , 2021, 10, 455.	2.8	8
82	Risk factors for small bowel angioectasia: The impact of visceral fat accumulation. <i>World Journal of Gastroenterology</i> , 2015, 21, 7242-7247.	3.3	8
83	Next endoscopic approach for acute lower gastrointestinal bleeding without an identified source on colonoscopy: upper or capsule endoscopy?. <i>Endoscopy International Open</i> , 2019, 07, E337-E346.	1.8	7
84	Natural history of upper and lower gastrointestinal bleeding in hemodialysis patients: A dual-center long-term cohort study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 112-117.	2.8	7
85	Letter: predictive model for gastric cancer after eradication of <i>Helicobacter pylori</i> – a survival analysis using a deep learning algorithm. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 54, 528-529.	3.7	7
86	Feasibility of spiral enteroscopy in Japanese patients: Study in two tertiary hospitals. <i>Digestive Endoscopy</i> , 2013, 25, 406-411.	2.3	6
87	Safety of Regular-Dose Imatinib Therapy in Patients with Gastrointestinal Stromal Tumors Undergoing Dialysis. <i>Case Reports in Gastroenterology</i> , 2016, 10, 17-23.	0.6	6
88	Development and internal validation of a risk scoring system for gastrointestinal events requiring surgery in gastrointestinal lymphoma patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 693-699.	2.8	6
89	Feasibility of balloon endoscope-assisted endoscopic retrograde cholangiopancreatography for the elderly. <i>Endoscopy International Open</i> , 2020, 08, E1202-E1211.	1.8	6
90	Proton pump inhibitor therapy did not increase the prevalence of small-bowel injury: A propensity-matched analysis. <i>PLoS ONE</i> , 2017, 12, e0182586.	2.5	6

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91	Square-Scheme Electrochemistry in Battery Electrodes. <i>Accounts of Materials Research</i> , 2022, 3, 33-41.	11.7	6
92	Successful endoscopic lithotripsy using a new digital cholangioscope through an overtube placed by an enteroscope. <i>Endoscopy</i> , 2018, 50, E269-E271.	1.8	5
93	Alpha-Blockers As Colorectal Cancer Chemopreventive: Findings from a Caseâ€“Control Study, Human Cell Cultures, and In Vivo Preclinical Testing. <i>Cancer Prevention Research</i> , 2019, 12, 185-194.	1.5	5
94	Efficacy of repeat review with flexible spectral imaging color enhancement in patients with no findings by capsule endoscopy. <i>Saudi Journal of Gastroenterology</i> , 2016, 22, 385.	1.1	5
95	Case of psoriasis vulgaris developing ulcerative colitis during adalimumab treatment. <i>Journal of Dermatology</i> , 2015, 42, 1029-1030.	1.2	4
96	Association Between Colorectal Cancer and Atherosclerotic Diseases: A Study Using a National Inpatient Database in Japan. <i>Digestive Diseases and Sciences</i> , 2016, 61, 1677-1685.	2.3	4
97	The incidence of post-colonoscopy colorectal cancer: a retrospective long-term cohort study using a colonoscopy database. <i>International Journal of Colorectal Disease</i> , 2017, 32, 839-845.	2.2	4
98	Nonsteroidal antiâ€“inflammatory drugs prevent gastric cancer associated with the use of proton pump inhibitors after <i>Helicobacter pylori</i> eradication. <i>JGH Open</i> , 2021, 5, 770-777.	1.6	4
99	Multiple metal stenting using a double-balloon endoscope for malignant biliary obstruction in a patient with hepaticojejunostomy. <i>Endoscopy</i> , 2014, 46, E472-E473.	1.8	3
100	Prediction of the Clinical Outcomes of Sigmoid Volvulus by Abdominal X-Ray: AXIS Classification System. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-5.	1.5	2
101	The exceptional performance of deep learning for capsule endoscopy: Will such quality be maintained in clinical scenarios?. <i>Gastrointestinal Endoscopy</i> , 2021, 93, 365-366.	1.0	2
102	Outcomes in high and low volume hospitals in patients with acute hematochezia in a cohort study. <i>Scientific Reports</i> , 2021, 11, 20373.	3.3	2
103	Lithium-Rich O ₂ -Type Li _{0.66} [Li _{0.22} Ru _{0.78}]O ₂ Positive Electrode Material. <i>Journal of the Electrochemical Society</i> , 2022, 169, 040536.	2.9	2
104	Electrohydraulic lithotripsy as a salvage option for stone impaction during double-balloon endoscope-assisted ERCP. <i>Gastrointestinal Endoscopy</i> , 2016, 84, 177.	1.0	1
105	Eculizumab treatment for ischemic enteritis accompanied with paroxysmal nocturnal hemoglobinuria: a case report and literature review. <i>Annals of Hematology</i> , 2018, 97, 1513-1515.	1.8	1
106	Role of warfarin as a predictor of recurrent bleeding after negative small-bowel capsule endoscopy. <i>Gastrointestinal Endoscopy</i> , 2018, 88, 574-574.e2.	1.0	1
107	Role of early capsule endoscopy for acute GI bleeding. <i>Gastrointestinal Endoscopy</i> , 2019, 90, 701-702.	1.0	1
108	A case of concurrent psoriasis and ulcerative colitis with development of arthritis during adalimumab treatment. <i>European Journal of Dermatology</i> , 2019, 29, 651-653.	0.6	1

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109	Salvage antegrade endoscopic ultrasound-guided pancreatic guidewire placement allowing subsequent double-balloon ERCP. <i>Endoscopy</i> , 2021, 53, E320-E321.	1.8	1
110	Feasibility and safety of colonoscopy performed by nonexperts for acute lower gastrointestinal bleeding: post hoc analysis. <i>Endoscopy International Open</i> , 2021, 09, E943-E954.	1.8	1
111	Efficacy of Early Video Capsule Endoscopy for Acute Overt Lower Gastrointestinal Bleeding with Colonic Diverticulosis: A Prospective Observational Study. <i>Digestion</i> , 2022, 103, 367-377.	2.3	1
112	Biliary reintervention with endoscopic inversion technique in the duodenum with the use of short-type double-balloon endoscope in a patient with an indwelling duodenal stent. <i>VideoGIE</i> , 2020, 5, 16-19.	0.7	0
113	Comparison of inflammatory bowel disease relapse after top-down or step-up therapy: a population-based cohort study. <i>International Journal of Colorectal Disease</i> , 2021, 36, 2227-2235.	2.2	0
114	Long Survival after Gastrointestinal Bleeding in a New-Onset Heydeâ€™s Syndrome Patient Treated with Multiple Endoscopic Hemostatic Procedures and Repeated Transfusions after Aortic Valve Replacement. <i>Case Reports in Gastroenterology</i> , 2021, 15, 819-824.	0.6	0