

# Dong Kyung Chang

## List of Publications by Year in descending order

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97  
papers

2,404  
citations

304368

22  
h-index

243296

44  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology of inflammatory bowel disease in the Songpa-Kangdong district, Seoul, Korea, 1986–2005: A KASID study. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 542-549.	0.9	427
2	Colorectal cancer in inflammatory bowel disease: The risk, pathogenesis, prevention and diagnosis. <i>World Journal of Gastroenterology</i> , 2014, 20, 9872.	1.4	332
3	Meta-analysis of Predictive Clinicopathologic Factors for Lymph Node Metastasis in Patients with Early Colorectal Carcinoma. <i>Journal of Korean Medical Science</i> , 2015, 30, 398.	1.1	73
4	Prediction model and risk score for perforation in patients undergoing colorectal endoscopic submucosal dissection. <i>Gastrointestinal Endoscopy</i> , 2016, 84, 98-108.	0.5	70
5	Efficacy of Mobile Health Care Application and Wearable Device in Improvement of Physical Performance in Colorectal Cancer Patients Undergoing Chemotherapy. <i>Clinical Colorectal Cancer</i> , 2018, 17, e353-e362.	1.0	62
6	Long-term outcome of capsule endoscopy in obscure gastrointestinal bleeding: a nationwide analysis. <i>Endoscopy</i> , 2013, 46, 59-65.	1.0	57
7	Guideline for Capsule Endoscopy: Obscure Gastrointestinal Bleeding. <i>Clinical Endoscopy</i> , 2013, 46, 45.	0.6	53
8	Double balloon endoscopy in small intestinal Crohn's disease and other inflammatory diseases such as cryptogenic multifocal ulcerous stenosing enteritis (CMUSE). <i>Gastrointestinal Endoscopy</i> , 2007, 66, S96-S98.	0.5	51
9	Indications for Detection, Completion, and Retention Rates of Small Bowel Capsule Endoscopy Based on the 10-Year Data from the Korean Capsule Endoscopy Registry. <i>Clinical Endoscopy</i> , 2015, 48, 399.	0.6	48
10	Artificial Intelligence in Health Care: Current Applications and Issues. <i>Journal of Korean Medical Science</i> , 2020, 35, e379.	1.1	46
11	<i>Helicobacter pylori</i> infection is an independent risk factor of early and advanced colorectal neoplasm. <i>Helicobacter</i> , 2017, 22, e12377.	1.6	42
12	Association Between Markers of Glucose Metabolism and Risk of Colorectal Adenoma. <i>Gastroenterology</i> , 2014, 147, 78-87.e3.	0.6	40
13	Comparison of the Efficacy and Safety of Single-versus Double-Balloon Enteroscopy Performed by Endoscopist Experts in Single-Balloon Enteroscopy: A Single-Center Experience and Meta-Analysis. <i>Gut and Liver</i> , 2017, 11, 520-527.	1.4	35
14	Efficacy and Safety of New Lactobacilli Probiotics for Unconstipated Irritable Bowel Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , 2019, 11, 2887.	1.7	34
15	Risk of Neurodegenerative Diseases in Patients with Inflammatory Bowel Disease: A Nationwide Population-based Cohort Study. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 436-443.	0.6	30
16	A prediction model for advanced colorectal neoplasia in an asymptomatic screening population. <i>PLoS ONE</i> , 2017, 12, e0181040.	1.1	29
17	Development and Validation of a Multidisciplinary Mobile Care System for Patients With Advanced Gastrointestinal Cancer: Interventional Observation Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e115.	1.8	29
18	CD1d Modulates Colonic Inflammation in NOD2 <sup>-/-</sup> Mice by Altering the Intestinal Microbial Composition Comprising <i>Acetatifactor muris</i> . <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1081-1091.	0.6	28

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19	Sodium Picosulfate with Magnesium Citrate (SPMC) Plus Laxative Is a Good Alternative to Conventional Large Volume Polyethylene Glycol in Bowel Preparation: A Multicenter Randomized Single-Blinded Trial. <i>Gut and Liver</i> , 2015, 9, 494.	1.4	28
20	<i>EYA4</i> Acts as a New Tumor Suppressor Gene in Colorectal Cancer. <i>Molecular Carcinogenesis</i> , 2015, 54, 1748-1757.	1.3	27
21	Machine Learning and Initial Nursing Assessment-Based Triage System for Emergency Department. <i>Healthcare Informatics Research</i> , 2020, 26, 13.	1.0	27
22	Management of Complications of Colorectal Submucosal Dissection. <i>Clinical Endoscopy</i> , 2019, 52, 114-119.	0.6	27
23	Risk of Metachronous Advanced Neoplasia in Patients With Multiple Diminutive Adenomas. <i>American Journal of Gastroenterology</i> , 2018, 113, 1855-1861.	0.2	26
24	Measurements of 6-thioguanine nucleotide levels with TPMT and NUDT15 genotyping in patients with Crohn's disease. <i>PLoS ONE</i> , 2017, 12, e0188925.	1.1	25
25	Survival Outcome and Risk of Metachronous Colorectal Cancer After Surgery in Lynch Syndrome. <i>Annals of Surgical Oncology</i> , 2017, 24, 1085-1092.	0.7	24
26	Endoscopic Findings of Enteropathy-Associated T-Cell Lymphoma Type II: A Case Series. <i>Gut and Liver</i> , 2016, 10, 147.	1.4	23
27	Clinical Efficacy of Various Diagnostic Tests for Small Bowel Tumors and Clinical Features of Tumors Missed by Capsule Endoscopy. <i>Gastroenterology Research and Practice</i> , 2015, 2015, 1-6.	0.7	21
28	High-risk metachronous polyps are more frequent in patients with traditional serrated adenomas than in patients with conventional adenomas: a multicenter prospective study. <i>Gastrointestinal Endoscopy</i> , 2015, 82, 1087-1093.e3.	0.5	21
29	Effectiveness of acid suppressants and other mucoprotective agents in reducing the risk of occult gastrointestinal bleeding in nonsteroidal anti-inflammatory drug users. <i>Scientific Reports</i> , 2019, 9, 11696.	1.6	21
30	Clinical outcome after enteroscopy for small bowel angioectasia bleeding: A Korean Association for the Study of Intestinal Disease (KASID) multicenter study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 388-394.	1.4	20
31	Diagnostic Yield and Clinical Impact of Video Capsule Endoscopy in Patients with Chronic Diarrhea: A Korean Multicenter CAPENTRY Study. <i>Gut and Liver</i> , 2017, 11, 253-260.	1.4	20
32	Diagnosis of Bleeding Meckel's Diverticulum in Adults. <i>PLoS ONE</i> , 2016, 11, e0162615.	1.1	19
33	Evaluation of the risk factors associated with rectal neuroendocrine tumors: a big data analytic study from a health screening center. <i>Journal of Gastroenterology</i> , 2016, 51, 1112-1121.	2.3	19
34	Comorbid immune-mediated diseases in inflammatory bowel disease: a nationwide population-based study. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 165-172.	1.9	19
35	Long-Term Outcomes of NSAID-Induced Small Intestinal Injury Assessed by Capsule Endoscopy in Korea: A Nationwide Multicenter Retrospective Study. <i>Gut and Liver</i> , 2015, 9, 727.	1.4	18
36	Current practices in endoscopic submucosal dissection for colorectal neoplasms: a survey of indications among Korean endoscopists. <i>Intestinal Research</i> , 2017, 15, 228.	1.0	17

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37	Clinical scoring system for the prediction of survival of patients with advanced gastric cancer. <i>ESMO Open</i> , 2020, 5, e000670.	2.0	17
38	The Role of the CpG Island Methylator Phenotype on Survival Outcome in Colon Cancer. <i>Gut and Liver</i> , 2015, 9, 202-207.	1.4	17
39	Stricture Occurring after Endoscopic Submucosal Dissection for Esophageal and Gastric Tumors. <i>Clinical Endoscopy</i> , 2014, 47, 516.	0.6	16
40	Obesity-related parameters and colorectal adenoma development. <i>Journal of Gastroenterology</i> , 2017, 52, 1221-1229.	2.3	16
41	Identification of risk factors for sessile and traditional serrated adenomas of the colon by using big data analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 1039-1046.	1.4	16
42	Changes in the Intestinal Microbiota of Patients with Inflammatory Bowel Disease with Clinical Remission during an 8-Week Infliximab Infusion Cycle. <i>Microorganisms</i> , 2020, 8, 874.	1.6	16
43	The Effectiveness of Near-Field Communication Integrated with a Mobile Electronic Medical Record System: Emergency Department Simulation Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e11187.	1.8	16
44	Is Colonoscopy Necessary after Computed Tomography Diagnosis of Acute Diverticulitis?. <i>Intestinal Research</i> , 2014, 12, 221.	1.0	16
45	Uric Acid Is a Risk Indicator for Metabolic Syndrome-related Colorectal Adenoma: Results in a Korean Population Receiving Screening Colonoscopy. <i>Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi, The</i> , 2015, 66, 202.	0.2	15
46	Epigenetic silencing of <i>NDRG2</i> promotes colorectal cancer proliferation and invasion. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 164-171.	1.4	15
47	Indications, diagnostic yield, and complication rate of balloon-assisted enteroscopy during the first decade of its use in Korea. <i>Digestive Endoscopy</i> , 2016, 28, 443-449.	1.3	15
48	The impact of implementation of an enteral feeding protocol on the improvement of enteral nutrition in critically ill adults. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017, 26, 27-35.	0.3	15
49	TNF $\alpha$ Induces LGR5+ Stem Cell Dysfunction In Patients With Crohn's Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 789-808.	2.3	15
50	Wernicke's encephalopathy after total parenteral nutrition in patients with Crohn's disease. <i>Intestinal Research</i> , 2016, 14, 191.	1.0	14
51	The etiology of potential small bowel bleeding depending on patient's age and gender. <i>United European Gastroenterology Journal</i> , 2018, 6, 1169-1178.	1.6	14
52	Impact of sarcopenia on the risk of advanced colorectal neoplasia. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 162-168.	1.4	14
53	The Role of Capsule Endoscopy in Patients with Obscure Gastrointestinal Bleeding. <i>Clinical Endoscopy</i> , 2016, 49, 16-20.	0.6	14
54	Effect of Heat-Killed <i>Lactobacillus casei</i> DKGF7 on a Rat Model of Irritable Bowel Syndrome. <i>Nutrients</i> , 2021, 13, 568.	1.7	13

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55	Alert Override Patterns With a Medication Clinical Decision Support System in an Academic Emergency Department: Retrospective Descriptive Study. <i>JMIR Medical Informatics</i> , 2020, 8, e23351.	1.3	13
56	Combination of bisacodyl suppository and 1Â polyethylene glycol plus ascorbic acid is a nonâ€inferior and comfortable regimen compared to 2Â polyethylene glycol plus ascorbic acid. <i>Digestive Endoscopy</i> , 2020, 32, 600-607.	1.3	12
57	Effect of a Synbiotic Containing <i>Lactobacillus paracasei</i> and <i>Opuntia humifusa</i> on a Murine Model of Irritable Bowel Syndrome. <i>Nutrients</i> , 2020, 12, 3205.	1.7	12
58	Developing a Standardization Algorithm for Categorical Laboratory Tests for Clinical Big Data Research: Retrospective Study. <i>JMIR Medical Informatics</i> , 2019, 7, e14083.	1.3	12
59	Proton Pump Inhibitor Use before Percutaneous Endoscopic Gastrostomy Is Associated with Adverse Outcomes. <i>Gut and Liver</i> , 2014, 8, 248-253.	1.4	12
60	Adenoma detection rate influences the risk of metachronous advanced colorectal neoplasia in low-risk patients. <i>Gastrointestinal Endoscopy</i> , 2018, 87, 809-817.e1.	0.5	11
61	A Mobile Phoneâ€Based Self-Monitoring Tool for Perioperative Gastric Cancer Patients With Incentive Spirometer: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12204.	1.8	10
62	Current Status of Colorectal Endoscopic Submucosal Dissection in Korea. <i>Clinical Endoscopy</i> , 2012, 45, 288.	0.6	10
63	Long-term Prognosis of Localized Lymphoid Hyperplasia of the Rectum. <i>Gut and Liver</i> , 2021, 15, 77-84.	1.4	9
64	Recurrence pattern and surveillance strategy for rectal neuroendocrine tumors after endoscopic resection. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 968-973.	1.4	8
65	Risk of venous thromboembolism in Asian patients with inflammatory bowel disease: a nationwide cohort study. <i>Scientific Reports</i> , 2021, 11, 2025.	1.6	8
66	Variability in Doctorsâ€™ Usage Paths of Mobile Electronic Health Records Across Specialties: Comprehensive Analysis of Log Data. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12041.	1.8	8
67	Frequent Mobile Electronic Medical Records Users Respond More Quickly to Emergency Department Consultation Requests: Retrospective Quantitative Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e14487.	1.8	8
68	Clinical usefulness of double balloon enteroscopy in suspected Crohn's disease: the KASID multi-center trial. <i>Hepato-Gastroenterology</i> , 2014, 61, 1292-6.	0.5	8
69	Enteroscopy in Crohnâ€™s Disease: Are There Any Changes in Role or Outcomes Over Time? A KASID Multicenter Study. <i>Gut and Liver</i> , 2021, 15, 375-382.	1.4	7
70	C-Reactive protein reduction rate following initiation of anti-tumor necrosis factor ð± induction therapy predicts secondary loss of response in patients with Crohn's disease. <i>Scandinavian Journal of Gastroenterology</i> , 2019, 54, 876-885.	0.6	6
71	An Automated Fast Healthcare Interoperability Resources-Based 12-Lead Electrocardiogram Mobile Alert System for Suspected Acute Coronary Syndrome. <i>Yonsei Medical Journal</i> , 2020, 61, 416.	0.9	6
72	Efficacy of a Synbiotic Containing <i>Lactobacillus paracasei</i> DKGf1 and <i>Opuntia humifusa</i> in Elderly Patients with Irritable Bowel Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Gut and Liver</i> , 2023, 17, 100-107.	1.4	6

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73	Metabolic unhealthiness is an important predictor for the development of advanced colorectal neoplasia. <i>Scientific Reports</i> , 2017, 7, 9011.	1.6	5
74	Clinical characteristics of patients with serrated polyposis syndrome in Korea: comparison with Western patients. <i>Intestinal Research</i> , 2017, 15, 402.	1.0	5
75	Effects of Novel Probiotics in a Murine Model of Irritable Bowel Syndrome. <i>Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi, The</i> , 2020, 75, 141.	0.2	5
76	Experience of Emergency Department Patients With Using the Talking Pole Device: Prospective Interventional Descriptive Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e191.	1.8	5
77	Is height a risk factor for colorectal adenoma?. <i>Korean Journal of Internal Medicine</i> , 2016, 31, 653-659.	0.7	5
78	Usefulness of Personal Bowel Habits as a Predictive Factor for Inadequate Bowel Preparation for Colonoscopy: A Prospective Questionnaire-Based Observational Study. <i>Gut and Liver</i> , 2019, 13, 169-175.	1.4	5
79	Depletion of Intestinal Stem Cell Niche Factors Contributes to the Alteration of Epithelial Differentiation in SAMP1/YitFcsJ Mice With Crohn Disease-Like Ileitis. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 667-676.	0.9	5
80	Histologic Activity and Steroid Use History Are Risk Factors of Clinical Relapse in Ulcerative Colitis With Mayo Endoscopic Subscore of 0 or 1. <i>Inflammatory Bowel Diseases</i> , 2023, 29, 238-244.	0.9	5
81	Effects of Background Colors, Flashes, and Exposure Values on the Accuracy of a Smartphone-Based Pill Recognition System Using a Deep Convolutional Neural Network: Deep Learning and Experimental Approach. <i>JMIR Medical Informatics</i> , 2021, 9, e26000.	1.3	4
82	Clinical Classification of Colorectal Epithelial Tumors and Proposal for Diagnostic Coding. <i>Intestinal Research</i> , 2011, 9, 1.	1.0	4
83	Usefulness of Ready-to-Use 0.4% Sodium Hyaluronate (Endo-Ease) in the Endoscopic Resection of Gastrointestinal Neoplasms. <i>Clinical Endoscopy</i> , 2015, 48, 392.	0.6	4
84	Real-time automatically updated data warehouse in healthcare (ROOT): an innovative and automated data collection system. <i>Translational Lung Cancer Research</i> , 2021, 10, 3865-3874.	1.3	4
85	Video Capsule Endoscopy Optimal Timing in Overt Obscure Gastrointestinal Bleeding. <i>Diagnostics</i> , 2022, 12, 154.	1.3	4
86	Variable Clinical Classifications and Diagnostic Coding Systems of Colorectal Neuroendocrine Tumor. <i>Intestinal Research</i> , 2013, 11, 14.	1.0	3
87	Clinical Significance of Residual Nonrectal Inflammation in Ulcerative Colitis Patients in Clinical Remission. <i>Gut and Liver</i> , 2021, 15, 401-409.	1.4	2
88	Efficacy of uncovered self-expandable metallic stent for colorectal obstruction by extracolonic malignancy. <i>World Journal of Gastrointestinal Oncology</i> , 2020, 12, 1005-1013.	0.8	2
89	Necessity of Multiplex Ligation Probe Amplification in Genetic Tests: Germline variant analysis of the APC gene in familial adenomatous polyposis patients. <i>Cancer Genetics</i> , 2022, 262-263, 95-101.	0.2	2
90	Uncovered self-expandable metal stents for the treatment of refractory benign colorectal anastomotic stricture. <i>Scientific Reports</i> , 2020, 10, 19841.	1.6	1

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91	A High Risk Group in the Modified National Institutes of Health Consensus Criteria for the Gastrointestinal Stromal Tumor: A Clear Indication of the Adjuvant Imatinib. <i>Intestinal Research</i> , 2014, 12, 176.	1.0	1
92	How to Detect Sessile Serrated Adenoma/Polyps. <i>Clinical Endoscopy</i> , 2018, 51, 313-314.	0.6	1
93	Prediction Algorithms for Blood Pressure Based on Pulse Wave Velocity Using Health Checkup Data in Healthy Korean Men: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2021, 9, e29212.	1.3	1
94	Specificity of clinical decision support tools for vedolizumab and ustekinumab in biologically naïve patients with Crohn's disease. <i>Scandinavian Journal of Gastroenterology</i> , 2022, 57, 446-448.	0.6	1
95	Age and gender may be the key points in hyperglycemic patients with <i>Helicobacter pylori</i> infection combined colorectal adenoma"author's reply. <i>Helicobacter</i> , 2018, 23, e12484.	1.6	0
96	Many Options to Manage Laterally Spreading Tumors. <i>Clinical Endoscopy</i> , 2015, 48, 4.	0.6	0
97	Automated Fast Healthcare Interoperability Resources-based 12-Lead Electrocardiogram Mobile Alert System for Myocardial Infarction in an Emergency Department: A Retrospective Study (Preprint). <i>JMIR Formative Research</i> , 0, , .	0.7	0