

# Khay-Guan Yeoh

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

6,788  
citations

76326

40  
h-index

62596

80  
g-index

84  
all docs

84  
docs citations

84  
times ranked

9488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening for gastric cancer in Asia: current evidence and practice. <i>Lancet Oncology</i> , The, 2008, 9, 279-287.	10.7	744
2	A comprehensive survey of genomic alterations in gastric cancer reveals systematic patterns of molecular exclusivity and co-occurrence among distinct therapeutic targets. <i>Gut</i> , 2012, 61, 673-684.	12.1	562
3	Exome sequencing of gastric adenocarcinoma identifies recurrent somatic mutations in cell adhesion and chromatin remodeling genes. <i>Nature Genetics</i> , 2012, 44, 570-574.	21.4	560
4	Genetics and Molecular Pathogenesis of Gastric Adenocarcinoma. <i>Gastroenterology</i> , 2015, 149, 1153-1162.e3.	1.3	355
5	Intrinsic Subtypes of Gastric Cancer, Based on Gene Expression Pattern, Predict Survival and Respond Differently to Chemotherapy. <i>Gastroenterology</i> , 2011, 141, 476-485.e11.	1.3	304
6	The Asia-Pacific Colorectal Screening score: a validated tool that stratifies risk for colorectal advanced neoplasia in asymptomatic Asian subjects. <i>Gut</i> , 2011, 60, 1236-1241.	12.1	240
7	Screening and eradication of <i>Helicobacter pylori</i> for gastric cancer prevention: the Taipei global consensus. <i>Gut</i> , 2020, 69, 2093-2112.	12.1	239
8	RUNX3, A Novel Tumor Suppressor, Is Frequently Inactivated in Gastric Cancer by Protein Mislocalization. <i>Cancer Research</i> , 2005, 65, 7743-7750.	0.9	211
9	Signatures of tumour immunity distinguish Asian and non-Asian gastric adenocarcinomas. <i>Gut</i> , 2015, 64, 1721-1731.	12.1	197
10	Genomic and Epigenomic Profiling of High-Risk Intestinal Metaplasia Reveals Molecular Determinants of Progression to Gastric Cancer. <i>Cancer Cell</i> , 2018, 33, 137-150.e5.	16.8	175
11	Endoscopic Screening for Gastric Cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2006, 4, 709-716.	4.4	149
12	Comprehensive genomic meta-analysis identifies intra-tumoural stroma as a predictor of survival in patients with gastric cancer. <i>Gut</i> , 2013, 62, 1100-1111.	12.1	139
13	Colorectal neoplasm in asymptomatic Asians: a prospective multinational multicenter colonoscopy survey. <i>Gastrointestinal Endoscopy</i> , 2007, 65, 1015-1022.	1.0	130
14	ADAR-Mediated RNA Editing Predicts Progression and Prognosis of Gastric Cancer. <i>Gastroenterology</i> , 2016, 151, 637-650.e10.	1.3	127
15	Knowledge of, attitudes toward, and barriers to participation of colorectal cancer screening tests in the Asia-Pacific region: a multicenter study. <i>Gastrointestinal Endoscopy</i> , 2012, 76, 126-135.	1.0	124
16	Identification of Stem Cells in the Epithelium of the Stomach Corpus and Antrum of Mice. <i>Gastroenterology</i> , 2017, 152, 218-231.e14.	1.3	121
17	Fiberoptic Confocal Raman Spectroscopy for Real-Time In Vivo Diagnosis of Dysplasia in Barrett's Esophagus. <i>Gastroenterology</i> , 2014, 146, 27-32.	1.3	119
18	Real-time Raman spectroscopy for in vivo, online gastric cancer diagnosis during clinical endoscopic examination. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	2.6	115

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19	Recurrent Fusion Genes in Gastric Cancer: CLDN18-ARHGAP26 Induces Loss of Epithelial Integrity. <i>Cell Reports</i> , 2015, 12, 272-285.	6.4	112
20	<i>In vivo</i> diagnosis of gastric cancer using Raman endoscopy and ant colony optimization techniques. <i>International Journal of Cancer</i> , 2011, 128, 2673-2680.	5.1	97
21	Characterizing variability in <i>in vivo</i> Raman spectra of different anatomical locations in the upper gastrointestinal tract toward cancer detection. <i>Journal of Biomedical Optics</i> , 2011, 16, 037003.	2.6	94
22	Tissue Microbiome Profiling Identifies an Enrichment of Specific Enteric Bacteria in <i>Opisthorchis viverrini</i> Associated Cholangiocarcinoma. <i>EBioMedicine</i> , 2016, 8, 195-202.	6.1	94
23	Development and validation of a serum microRNA biomarker panel for detecting gastric cancer in a high-risk population. <i>Gut</i> , 2021, 70, 829-837.	12.1	94
24	Combining near-infrared-excited autofluorescence and Raman spectroscopy improves <i>in vivo</i> diagnosis of gastric cancer. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4104-4110.	10.1	89
25	AQP5 enriches for stem cells and cancer origins in the distal stomach. <i>Nature</i> , 2020, 578, 437-443.	27.8	89
26	Fiber-optic Raman spectroscopy probes gastric carcinogenesis <i>in vivo</i> at endoscopy. <i>Journal of Biophotonics</i> , 2013, 6, 49-59.	2.3	87
27	Raman endoscopy for <i>in vivo</i> differentiation between benign and malignant ulcers in the stomach. <i>Analyst</i> , 2010, 135, 3162.	3.5	86
28	Diagnosis of gastric cancer using near-infrared Raman spectroscopy and classification and regression tree techniques. <i>Journal of Biomedical Optics</i> , 2008, 13, 034013.	2.6	83
29	Simultaneous fingerprint and high-wavenumber fiber-optic Raman spectroscopy enhances real-time <i>in vivo</i> diagnosis of adenomatous polyps during colonoscopy. <i>Journal of Biophotonics</i> , 2016, 9, 333-342.	2.3	79
30	A Risk-Scoring System Combined With a Fecal Immunochemical Test Is Effective in Screening High-Risk Subjects for Early Colonoscopy to Detect Advanced Colorectal Neoplasms. <i>Gastroenterology</i> , 2016, 150, 617-625.e3.	1.3	77
31	Mapping the genomic diaspora of gastric cancer. <i>Nature Reviews Cancer</i> , 2022, 22, 71-84.	28.4	72
32	Characterisation of worldwide <i>Helicobacter pylori</i> strains reveals genetic conservation and essentiality of serine protease HtrA. <i>Molecular Microbiology</i> , 2016, 99, 925-944.	2.5	70
33	How do we improve outcomes for gastric cancer?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2007, 22, 970-972.	2.8	57
34	Severity of gastric intestinal metaplasia predicts the risk of gastric cancer: a prospective multicentre cohort study (GCEP). <i>Gut</i> , 2022, 71, 854-863.	12.1	57
35	Near-infrared Raman spectroscopy for gastric precancer diagnosis. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 908-914.	2.5	55
36	Diagnostic yield of upper endoscopy in Asian patients presenting with dyspepsia. <i>Gastrointestinal Endoscopy</i> , 2002, 56, 548-551.	1.0	49

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37	Epigenomic Promoter Alterations Amplify Gene Isoform and Immunogenic Diversity in Gastric Adenocarcinoma. <i>Cancer Discovery</i> , 2017, 7, 630-651.	9.4	48
38	Simultaneous fingerprint and high-wavenumber fiber-optic Raman spectroscopy improves in vivo diagnosis of esophageal squamous cell carcinoma at endoscopy. <i>Scientific Reports</i> , 2015, 5, 12957.	3.3	46
39	Near-infrared Raman spectroscopy for optical diagnosis in the stomach: Identification of <i>Helicobacter pylori</i> infection and intestinal metaplasia. <i>International Journal of Cancer</i> , 2010, 126, 1920-1927.	5.1	45
40	Rapid Fiber-optic Raman Spectroscopy for Real-Time In Vivo Detection of Gastric Intestinal Metaplasia during Clinical Gastroscopy. <i>Cancer Prevention Research</i> , 2016, 9, 476-483.	1.5	45
41	Diagnostic yield of upper endoscopy in Asian patients presenting with dyspepsia. <i>Gastrointestinal Endoscopy</i> , 2002, 56, 548-551.	1.0	44
42	Comparative study of the endoscope-based bevelled and volume fiber-optic Raman probes for optical diagnosis of gastric dysplasia in vivo at endoscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8303-8310.	3.7	40
43	A Cost-Effectiveness Analysis Evaluating Endoscopic Surveillance for Gastric Cancer for Populations with Low to Intermediate Risk. <i>PLoS ONE</i> , 2013, 8, e83959.	2.5	35
44	Fiber-optic Raman spectroscopy for in vivo diagnosis of gastric dysplasia. <i>Faraday Discussions</i> , 2016, 187, 377-392.	3.2	33
45	Iqgap3-Ras axis drives stem cell proliferation in the stomach corpus during homeostasis and repair. <i>Gut</i> , 2021, 70, 1833-1846.	12.1	33
46	Validation of the functional assessment of cancer therapy-gastric module for the Chinese population. <i>Health and Quality of Life Outcomes</i> , 2012, 10, 145.	2.4	28
47	Risk of Colorectal Neoplasia in Individuals With Self-Reported Family History: A Prospective Colonoscopy Study from 16 Asia-Pacific Regions. <i>American Journal of Gastroenterology</i> , 2016, 111, 1621-1629.	0.4	22
48	Serum pepsinogen levels in gastric cancer patients and their relationship with <i>Helicobacter pylori</i> infection: a prospective study. <i>Gastric Cancer</i> , 2002, 5, 228-232.	5.3	21
49	Screening Based on Risk for Colorectal Cancer Is the Most Cost-Effective Approach. <i>Clinical Gastroenterology and Hepatology</i> , 2012, 10, 266-271.e6.	4.4	21
50	Real-Time Tumor Gene Expression Profiling to Direct Gastric Cancer Chemotherapy: Proof-of-Concept Trial. <i>Clinical Cancer Research</i> , 2018, 24, 5272-5281.	7.0	20
51	Predominance of a Single Strain of <i>Helicobacter pylori</i> in Gastric Antrum. <i>Helicobacter</i> , 1999, 4, 28-32.	3.5	19
52	Mucosal microbiome associates with progression to gastric cancer. <i>Theranostics</i> , 2022, 12, 48-58.	10.0	17
53	Genetic factors associated with intestinal metaplasia in a high risk Singapore-Chinese population: a cohort study. <i>BMC Gastroenterology</i> , 2009, 9, 76.	2.0	16
54	Validation of the Asia Pacific Colorectal Screening (APCS) score in a Western population: An alternative screening tool. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 370-375.	2.8	15

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55	Two vs One Forward View Examination of Right Colon on Adenoma Detection: An International Multicenter Randomized Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, 372-380.e2.	4.4	15
56	Evaluating the Use of microRNA Blood Tests for Gastric Cancer Screening in a Stratified Population-Level Screening Program: An Early Model-Based Cost-Effectiveness Analysis. <i>Value in Health</i> , 2020, 23, 1171-1179.	0.3	15
57	Induction of Gastric Cancer by Successive Oncogenic Activation in the Corpus. <i>Gastroenterology</i> , 2021, 161, 1907-1923.e26.	1.3	15
58	Gelsolin-mediated activation of PI3K/Akt pathway is crucial for hepatocyte growth factor-induced cell scattering in gastric carcinoma. <i>Oncotarget</i> , 2016, 7, 25391-25407.	1.8	13
59	Instrumental Role of <i>Helicobacter pylori</i> $\hat{I}^3$ -Glutamyl Transpeptidase in VacA-Dependent Vacuolation in Gastric Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0131460.	2.5	12
60	<i>Helicobacter pylori</i> $\hat{I}^3$ -glutamyl transpeptidase: A formidable virulence factor. <i>World Journal of Gastroenterology</i> , 2013, 19, 8203.	3.3	11
61	DNA damage signalling as an anti-cancer barrier in gastric intestinal metaplasia. <i>Gut</i> , 2020, 69, 1738-1749.	12.1	11
62	Irregular Meal Timing Is Associated with <i>Helicobacter pylori</i> Infection and Gastritis. <i>ISRN Nutrition</i> , 2013, 2013, 1-7.	1.7	9
63	FABP1 and Hepar expression levels in Barrett's esophagus and associated neoplasia in an Asian population. <i>Digestive and Liver Disease</i> , 2017, 49, 1104-1109.	0.9	8
64	Human wellbeing and security: a whole of planet approach. <i>Lancet, The</i> , 2015, 385, 395-396.	18.7	7
65	A Point Mutation R122C in RUNX3 Promotes the Expansion of Isthmus Stem Cells and Inhibits Their Differentiation in the Stomach. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1317-1345.	4.5	7
66	Ligand-mediated PAI-1 inhibition in a mouse model of peritoneal carcinomatosis. <i>Cell Reports Medicine</i> , 2022, 3, 100526.	6.5	7
67	Immunohistochemical analysis of metaplastic non-goblet columnar lined oesophagus shows phenotypic similarities to Barrett's oesophagus: A study in an Asian population. <i>Digestive and Liver Disease</i> , 2014, 46, 170-175.	0.9	6
68	Profiling of gastric cancer cell-surface markers to achieve tumour's "normal discrimination. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000452.	2.7	6
69	An LCM-based genomic analysis of SPEM, Gastric Cancer and Pyloric Gland Adenoma in an Asian cohort. <i>Modern Pathology</i> , 2020, 33, 2075-2086.	5.5	6
70	Advanced endoscopic imaging in gastric neoplasia and preneoplasia. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000105.	2.7	5
71	Rising prevalence of colonic diverticulosis in a westernized multi-ethnic Asian community. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 413-420.	2.8	5
72	Opportunistic upper endoscopy during colonoscopy as a screening strategy for countries with intermediate gastric cancer risk. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 1081-1087.	2.8	5

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73	Yes we can! The Raffles Dialogue on Human Wellbeing and Security. The Lancet Global Health, 2015, 3, e496-e500.	6.3	4
74	Development and Validation of the Asia-Pacific Proximal Colon Neoplasia Risk Score. Clinical Gastroenterology and Hepatology, 2021, 19, 119-127.e1.	4.4	4
75	Microarray-based tumor molecular profiling to direct choice of cisplatin plus S-1 or oxaliplatin plus S-1 for advanced gastric cancer: A multicentre, prospective, proof-of-concept phase 2 trial.. Journal of Clinical Oncology, 2017, 35, 48-48.	1.6	4
76	Empirical evidence of the continuing improvement in cost efficiency of an endoscopic surveillance programme for gastric cancer in Singapore from 2004 to 2010. BMC Health Services Research, 2013, 13, 139.	2.2	3
77	Clinical guidance on endoscopic management of colonic polyps in Singapore. Singapore Medical Journal, 2022, 63, 173-186.	0.6	3
78	Accredited residents perform colonoscopy to the same high standards as consultants. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1377-1381.	2.4	2
79	Is it time to lower the colorectal cancer screening age in average-risk adults in Singapore?. Singapore Medical Journal, 2021, , .	0.6	2
80	Second Raffles Dialogue on Human Well-Being and Security. Lancet, The, 2017, 390, e27-e28.	13.7	1
81	Prospective validation of a serum miRNA panel for early detection of gastric cancer.. Journal of Clinical Oncology, 2019, 37, 4065-4065.	1.6	1
82	Endoscopic full-thickness resection for complex colorectal lesions – what’s the next step?. Scandinavian Journal of Gastroenterology, 2022, 57, 1531-1532.	1.5	1
83	Image-Guided Raman Spectroscopy For In Vivo Diagnosis of Gastric Precancer At Gastroscopy. , 2010, , .		0