

# Khay-Guan Yeoh

## List of Publications by Year in descending order

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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	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
2	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
3	Clinical guidance on endoscopic management of colonic polyps in Singapore. <i>Singapore Medical Journal</i> , 2022, 63, 173-186.	0.6	3
4	Mapping the genomic diaspora of gastric cancer. <i>Nature Reviews Cancer</i> , 2022, 22, 71-84.	28.4	72
5	Mucosal microbiome associates with progression to gastric cancer. <i>Theranostics</i> , 2022, 12, 48-58.	10.0	17
6	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
7	Ligand-mediated PAI-1 inhibition in a mouse model of peritoneal carcinomatosis. <i>Cell Reports Medicine</i> , 2022, 3, 100526.	6.5	7
8	Endoscopic full-thickness resection for complex colorectal lesions – what’s the next step?. <i>Scandinavian Journal of Gastroenterology</i> , 2022, 57, 1531-1532.	1.5	1
9	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
10	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
11	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
12	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
13	Development and Validation of the Asia-Pacific Proximal Colon Neoplasia Risk Score. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 119-127.e1.	4.4	4
14	Induction of Gastric Cancer by Successive Oncogenic Activation in the Corpus. <i>Gastroenterology</i> , 2021, 161, 1907-1923.e26.	1.3	15
15	Is it time to lower the colorectal cancer screening age in average-risk adults in Singapore?. <i>Singapore Medical Journal</i> , 2021, , .	0.6	2
16	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
17	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
18	Profiling of gastric cancer cell-surface markers to achieve tumour-normal discrimination. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000452.	2.7	6

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19	DNA damage signalling as an anti-cancer barrier in gastric intestinal metaplasia. <i>Gut</i> , 2020, 69, 1738-1749.	12.1	11
20	AQP5 enriches for stem cells and cancer origins in the distal stomach. <i>Nature</i> , 2020, 578, 437-443.	27.8	89
21	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
22	Prospective validation of a serum miRNA panel for early detection of gastric cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, 4065-4065.	1.6	1
23	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
24	Accredited residents perform colonoscopy to the same high standards as consultants. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1377-1381.	2.4	2
25	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
26	Epigenomic Promoter Alterations Amplify Gene Isoform and Immunogenic Diversity in Gastric Adenocarcinoma. <i>Cancer Discovery</i> , 2017, 7, 630-651.	9.4	48
27	Second Raffles Dialogue on Human Well-Being and Security. <i>Lancet, The</i> , 2017, 390, e27-e28.	13.7	1
28	Advanced endoscopic imaging in gastric neoplasia and preneoplasia. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000105.	2.7	5
29	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
30	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
31	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.. <i>Journal of Clinical Oncology</i> , 2017, 35, 48-48.	1.6	4
32	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
33	ADAR-Mediated RNA Editing Predicts Progression and Prognosis of Gastric Cancer. <i>Gastroenterology</i> , 2016, 151, 637-650.e10.	1.3	127
34	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
35	Rapid Fiber-optic Raman Spectroscopy for Real-Time <i>In Vivo</i> Detection of Gastric Intestinal Metaplasia during Clinical Gastroscopy. <i>Cancer Prevention Research</i> , 2016, 9, 476-483.	1.5	45
36	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

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37	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
38	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
39	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
40	Fiber-optic Raman spectroscopy for in vivo diagnosis of gastric dysplasia. <i>Faraday Discussions</i> , 2016, 187, 377-392.	3.2	33
41	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
42	Instrumental Role of <i>Helicobacter pylori</i> $\beta$ -Glutamyl Transpeptidase in VacA-Dependent Vacuolation in Gastric Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0131460.	2.5	12
43	Recurrent Fusion Genes in Gastric Cancer: <i>CLDN18-ARHGAP26</i> Induces Loss of Epithelial Integrity. <i>Cell Reports</i> , 2015, 12, 272-285.	6.4	112
44	Human wellbeing and security: a whole of planet approach. <i>Lancet, The</i> , 2015, 385, 395-396.	13.7	7
45	Signatures of tumour immunity distinguish Asian and non-Asian gastric adenocarcinomas. <i>Gut</i> , 2015, 64, 1721-1731.	12.1	197
46	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
47	Genetics and Molecular Pathogenesis of Gastric Adenocarcinoma. <i>Gastroenterology</i> , 2015, 149, 1153-1162.e3.	1.3	355
48	Yes we can! The Raffles Dialogue on Human Wellbeing and Security. <i>The Lancet Global Health</i> , 2015, 3, e496-e500.	6.3	4
49	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
50	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
51	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
52	Empirical evidence of the continuing improvement in cost efficiency of an endoscopic surveillance programme for gastric cancer in Singapore from 2004 to 2010. <i>BMC Health Services Research</i> , 2013, 13, 139.	2.2	3
53	Fiber-optic Raman spectroscopy probes gastric carcinogenesis in vivo at endoscopy. <i>Journal of Biophotonics</i> , 2013, 6, 49-59.	2.3	87
54	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

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55	<i>Helicobacter pylori</i> $\beta$ -glutamyl transpeptidase: A formidable virulence factor. World Journal of Gastroenterology, 2013, 19, 8203.	3.3	11
56	A Cost-Effectiveness Analysis Evaluating Endoscopic Surveillance for Gastric Cancer for Populations with Low to Intermediate Risk. PLoS ONE, 2013, 8, e83959.	2.5	35
57	Irregular Meal Timing Is Associated with <i>Helicobacter pylori</i> Infection and Gastritis. ISRN Nutrition, 2013, 2013, 1-7.	1.7	9
58	Real-time Raman spectroscopy for in vivo, online gastric cancer diagnosis during clinical endoscopic examination. Journal of Biomedical Optics, 2012, 17, 1.	2.6	115
59	Screening Based on Risk for Colorectal Cancer Is the Most Cost-Effective Approach. Clinical Gastroenterology and Hepatology, 2012, 10, 266-271.e6.	4.4	21
60	A comprehensive survey of genomic alterations in gastric cancer reveals systematic patterns of molecular exclusivity and co-occurrence among distinct therapeutic targets. Gut, 2012, 61, 673-684.	12.1	562
61	Validation of the functional assessment of cancer therapy-gastric module for the Chinese population. Health and Quality of Life Outcomes, 2012, 10, 145.	2.4	28
62	Exome sequencing of gastric adenocarcinoma identifies recurrent somatic mutations in cell adhesion and chromatin remodeling genes. Nature Genetics, 2012, 44, 570-574.	21.4	560
63	Knowledge of, attitudes toward, and barriers to participation of colorectal cancer screening tests in the Asia-Pacific region: a multicenter study. Gastrointestinal Endoscopy, 2012, 76, 126-135.	1.0	124
64	The Asia-Pacific Colorectal Screening score: a validated tool that stratifies risk for colorectal advanced neoplasia in asymptomatic Asian subjects. Gut, 2011, 60, 1236-1241.	12.1	240
65	Intrinsic Subtypes of Gastric Cancer, Based on Gene Expression Pattern, Predict Survival and Respond Differently to Chemotherapy. Gastroenterology, 2011, 141, 476-485.e11.	1.3	304
66	<i>In vivo</i> diagnosis of gastric cancer using Raman endoscopy and ant colony optimization techniques. International Journal of Cancer, 2011, 128, 2673-2680.	5.1	97
67	Combining near-infrared-excited autofluorescence and Raman spectroscopy improves in vivo diagnosis of gastric cancer. Biosensors and Bioelectronics, 2011, 26, 4104-4110.	10.1	89
68	Characterizing variability in in vivo Raman spectra of different anatomical locations in the upper gastrointestinal tract toward cancer detection. Journal of Biomedical Optics, 2011, 16, 037003.	2.6	94
69	Near-infrared Raman spectroscopy for optical diagnosis in the stomach: Identification of <i>Helicobacter pylori</i> infection and intestinal metaplasia. International Journal of Cancer, 2010, 126, 1920-1927.	5.1	45
70	Image-Guided Raman Spectroscopy For In Vivo Diagnosis of Gastric Precancer At Gastroscopy. , 2010, , .		0
71	Raman endoscopy for in vivo differentiation between benign and malignant ulcers in the stomach. Analyst, The, 2010, 135, 3162.	3.5	86
72	Near-infrared Raman spectroscopy for gastric precancer diagnosis. Journal of Raman Spectroscopy, 2009, 40, 908-914.	2.5	55

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73	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
74	Screening for gastric cancer in Asia: current evidence and practice. <i>Lancet Oncology</i> , The, 2008, 9, 279-287.	10.7	744
75	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
76	Colorectal neoplasm in asymptomatic Asians: a prospective multinational multicenter colonoscopy survey. <i>Gastrointestinal Endoscopy</i> , 2007, 65, 1015-1022.	1.0	130
77	How do we improve outcomes for gastric cancer?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2007, 22, 970-972.	2.8	57
78	Endoscopic Screening for Gastric Cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2006, 4, 709-716.	4.4	149
79	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
80	Diagnostic yield of upper endoscopy in Asian patients presenting with dyspepsia. <i>Gastrointestinal Endoscopy</i> , 2002, 56, 548-551.	1.0	44
81	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
82	Diagnostic yield of upper endoscopy in Asian patients presenting with dyspepsia. <i>Gastrointestinal Endoscopy</i> , 2002, 56, 548-551.	1.0	49
83	Predominance of a Single Strain of <i>Helicobacter pylori</i> in Gastric Antrum. <i>Helicobacter</i> , 1999, 4, 28-32.	3.5	19