# John Y Kao

## List of Publications by Year in descending order



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|---|---|---|---|
| 94 papers | 6,512 citations | 87723 38 h-index | 69108 77 g-index |
| 99 all docs | 99 docs citations | 99 times ranked | 10341 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The gut microbiome in health and in disease. Current Opinion in Gastroenterology, 2015, 31, 69-75. | 1.0 | 1,193 |
| 2 | Fecal Microbiota Transplant for Treatment of Clostridium difficile Infection in Immunocompromised Patients. American Journal of Gastroenterology, 2014, 109, 1065-1071. | 0.2 | 546 |
| 3 | Helicobacter pylori Immune Escape Is Mediated by Dendritic Cellâ€“Induced Treg Skewing and Th17 Suppression in Mice. Gastroenterology, 2010, 138, 1046-1054. | 0.6 | 279 |
| 4 | Candida albicans and Bacterial Microbiota Interactions in the Cecum during Recolonization following Broad-Spectrum Antibiotic Therapy. Infection and Immunity, 2012, 80, 3371-3380. | 1.0 | 230 |
| 5 | Rifaximin Alters Intestinal Bacteria and Prevents Stress-Induced Gut Inflammation and Visceral Hyperalgesia in Rats. Gastroenterology, 2014, 146, 484-496.e4. | 0.6 | 212 |
| 6 | Functional Characterization of Inflammatory Bowel Diseaseâ€“Associated Gut Dysbiosis in Gnotobiotic Mice. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 468-481. | 2.3 | 189 |
| 7 | Association between Helicobacter pylori infection and inflammatory bowel disease. Inflammatory Bowel Diseases, 2010, 16, 1077-1084. | 0.9 | 187 |
| 8 | Microbial ecology of the murine gut associated with the development of dextran sodium sulfate-induced colitis. Inflammatory Bowel Diseases, 2011, 17, 917-926. | 0.9 | 176 |
| 9 | High-dose Dual Therapy Is Superior to Standard First-line or Rescue Therapy for Helicobacter pylori Infection. Clinical Gastroenterology and Hepatology, 2015, 13, 895-905.e5. | 2.4 | 158 |
| 10 | The Role of Dendritic Cells in the Development of Acute Dextran Sulfate Sodium Colitis. Journal of Immunology, 2007, 179, 6255-6262. | 0.4 | 151 |
| 11 | Restoration of short chain fatty acid and bile acid metabolism following fecal microbiota transplantation in patients with recurrent Clostridium difficile infection. Anaerobe, 2018, 53, 64-73. | 1.0 | 144 |
| 12 | Interleukin-22-mediated host glycosylation prevents Clostridioides difficile infection by modulating the metabolic activity of the gut microbiota. Nature Medicine, 2020, 26, 608-617. | 15.2 | 136 |
| 13 | Chronic gastritis in the hypochlorhydric gastrin-deficient mouse progresses to adenocarcinoma. Oncogene, 2005, 24, 2354-2366. | 2.6 | 131 |
| 14 | Interplay between the Gastric Bacterial Microbiota and Candida albicans during Postantibiotic Recolonization and Gastritis. Infection and Immunity, 2012, 80, 150-158. | 1.0 | 130 |
| 15 | Dual biological effects of the cytokines interleukin-10 and interferon-Î³. Cancer Immunology, Immunotherapy, 2011, 60, 1529-1541. | 2.0 | 129 |
| 16 | Interleukin-10 Ablation Promotes Tumor Development, Growth, and Metastasis. Cancer Research, 2012, 72, 420-429. | 0.4 | 129 |
| 17 | Increased Expression of DUOX2 Is an Epithelial Response toÂMucosal Dysbiosis Required for Immune Homeostasis inÂMouse Intestine. Gastroenterology, 2015, 149, 1849-1859. | 0.6 | 120 |
| 18 | Tumor-Derived TGF-Î² Reduces the Efficacy of Dendritic Cell/Tumor Fusion Vaccine. Journal of Immunology, 2003, 170, 3806-3811. | 0.4 | 118 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Association Between Helicobacter pylori and Barrett's Esophagus, Erosive Esophagitis, and Gastroesophageal Reflux Symptoms. Clinical Gastroenterology and Hepatology, 2014, 12, 239-245. | 2.4 | 110 |
| 20 | Intestinal dysbiosis in inflammatory bowel disease. Gut Microbes, 2011, 2, 211-216. | 4.3 | 104 |
| 21 | Butyrate increases IL-23 production by stimulated dendritic cells. American Journal of Physiology - Renal Physiology, 2012, 303, G1384-G1392. | 1.6 | 102 |
| 22 | Dietary l-serine confers a competitive fitness advantage to Enterobacteriaceae in the inflamed gut. Nature Microbiology, 2020, 5, 116-125. | 5.9 | 93 |
| 23 | Helicobacter pylori DNA decreases pro-inflammatory cytokine production by dendritic cells and attenuates dextran sodium sulphate-induced colitis. Gut, 2011, 60, 1479-1486. | 6.1 | 90 |
| 24 | Treatment of Helicobacter gastritis with IL-4 requires somatostatin. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12944-12949. | 3.3 | 89 |
| 25 | Helicobacter pylori-secreted factors inhibit dendritic cell IL-12 secretion: a mechanism of ineffective host defense. American Journal of Physiology - Renal Physiology, 2006, 291, G73-G81. | 1.6 | 76 |
| 26 | A Method for Cryogenic Preservation of Human Biopsy Specimens andÂSubsequent OrganoidÂCulture. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 218-222.e7. | 2.3 | 76 |
| 27 | IL-10 produced by macrophages regulates epithelial integrity in the small intestine. Scientific Reports, 2019, 9, 1223. | 1.6 | 72 |
| 28 | Prior Helicobacter pylori infection ameliorates Salmonella typhimurium-induced colitis. Inflammatory Bowel Diseases, 2011, 17, 1398-1408. | 0.9 | 69 |
| 29 | Helicobacter pylori eradication with bismuth quadruple therapy leads to dysbiosis of gut microbiota with an increased relative abundance of Proteobacteria and decreased relative abundances of Bacteroidetes and Actinobacteria. Helicobacter, 2018, 23, e12498. | 1.6 | 66 |
| 30 | Analysis of Germline GLI1 Variation Implicates Hedgehog Signalling in the Regulation of Intestinal Inflammatory Pathways. PLoS Medicine, 2008, 5, e239. | 3.9 | 63 |
| 31 | Gli1 Deletion Prevents Helicobacter-Induced Gastric Metaplasia and Expansion of Myeloid Cell Subsets. PLoS ONE, 2013, 8, e58935. | 1.1 | 62 |
| 32 | Tryptophan Catabolism Restricts IFN-Î³â€“Expressing Neutrophils and Clostridium difficile Immunopathology. Journal of Immunology, 2014, 193, 807-816. | 0.4 | 55 |
| 33 | TLR2 Mediates Helicobacter pyloriâ€“Induced Tolerogenic Immune Response in Mice. PLoS ONE, 2013, 8, e74595. | 1.1 | 47 |
| 34 | Effects of Antiâ€“Helicobacter pylori Therapy on Incidence of Autoimmune Diseases, Including Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2019, 17, 1991-1999. | 2.4 | 46 |
| 35 | Helicobacter pyloriDNA's anti-inflammatory effect on experimental colitis. Gut Microbes, 2012, 3, 168-171. | 4.3 | 41 |
| 36 | Anti-Inflammatory Activity of Bone Morphogenetic Protein Signaling Pathways in Stomachs of Mice. Gastroenterology, 2014, 147, 396-406.e7. | 0.6 | 41 |

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|---|---|---|---|
| 37 | Expression of a Soluble TGF-Î² Receptor by Tumor Cells Enhances Dendritic Cell/Tumor Fusion Vaccine Efficacy. Journal of Immunology, 2008, 181, 3690-3697. | 0.4 | 39 |
| 38 | Shortâ€term and longâ€term impacts of <scp>Helicobacter pylori</scp> eradication with reverse hybrid therapy on the gut microbiota. Journal of Gastroenterology and Hepatology (Australia), 2019, 34, 1968-1976. | 1.4 | 39 |
| 39 | Superior efficacy of dendritic cell-tumor fusion vaccine compared with tumor lysate-pulsed dendritic cell vaccine in colon cancer. Immunology Letters, 2005, 101, 154-159. | 1.1 | 38 |
| 40 | CD4+ Tissue-resident Memory T Cells Expand and Are a Major Source of Mucosal Tumour Necrosis Factor Î± in Active Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2019, 13, 905-915. | 0.6 | 38 |
| 41 | Helicobacter pyloridirects tolerogenic programming of dendritic cells. Gut Microbes, 2010, 1, 325-329. | 4.3 | 37 |
| 42 | Effective Colorectal Cancer Education for Asian Americans: A Michigan Program. Journal of Cancer Education, 2010, 25, 146-152. | 0.6 | 35 |
| 43 | DUOX2 variants associate with preclinical disturbances in microbiota-immune homeostasis and increased inflammatory bowel disease risk. Journal of Clinical Investigation, 2021, 131, . | 3.9 | 35 |
| 44 | Equivalent Efficacies of Reverse Hybrid and Bismuth Quadruple Therapies in Eradication of Helicobacter pylori Infection in a Randomized Controlled Trial. Clinical Gastroenterology and Hepatology, 2018, 16, 1427-1433. | 2.4 | 32 |
| 45 | Berberine alleviates visceral hypersensitivity in rats by altering gut microbiome and suppressing spinal microglial activation. Acta Pharmacologica Sinica, 2021, 42, 1821-1833. | 2.8 | 30 |
| 46 | Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca <sup>2+</sup> signaling during T cell activation. Science Signaling, 2021, 14, eabe3800. | 1.6 | 28 |
| 47 | Indoleamine 2,3-Dioxygenase 1, Increased in Human Gastric Pre-Neoplasia, Promotes Inflammation and Metaplasia in Mice and Is Associated With Type II Hypersensitivity/Autoimmunity. Gastroenterology, 2018, 154, 140-153.e17. | 0.6 | 27 |
| 48 | Outcomes of furazolidone- and amoxicillin-based quadruple therapy forHelicobacter pyloriinfection and predictors of failed eradication. World Journal of Gastroenterology, 2018, 24, 4596-4605. | 1.4 | 26 |
| 49 | Aim2-mediated/IFN-Î²â€“independent regulation of gastric metaplastic lesions via CD8+ T cells. JCI Insight, 2020, 5, . | 2.3 | 26 |
| 50 | Eosinophilic esophagitis: update on management and controversies. BMJ: British Medical Journal, 2017, 359, j4482. | 2.4 | 25 |
| 51 | Chemotaxis Allows Bacteria To Overcome Host-Generated Reactive Oxygen Species That Constrain Gland Colonization. Infection and Immunity, 2018, 86, . | 1.0 | 24 |
| 52 | Helicobacter pylori Outer Membrane Protein 18 (Hp1125) Induces Dendritic Cell Maturation and Function. Helicobacter, 2005, 10, 424-432. | 1.6 | 23 |
| 53 | Catechins and Sialic Acid AttenuateHelicobacter pylori-Triggered Epithelial Caspase-1 Activity and EradicateHelicobacter pyloriInfection. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13. | 0.5 | 23 |
| 54 | Somatostatin inhibits dendritic cell responsiveness to Helicobacter pylori. Regulatory Peptides, 2006, 134, 23-29. | 1.9 | 22 |

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|---|---|---|---|
| 55 | Helicobacter pylori Antimicrobial Susceptibility Testing-Guided Salvage Therapy in the USA: A Real Life Experience. Digestive Diseases and Sciences, 2018, 63, 437-445. | 1.1 | 22 |
| 56 | How Can Individuals and the GI Community Reduce Climate Change?. Gastroenterology, 2020, 158, 14-17. | 0.6 | 19 |
| 57 | Increased risk for inflammatory bowel disease in congenital hypothyroidism supports the existence of a shared susceptibility factor. Scientific Reports, 2018, 8, 10158. | 1.6 | 17 |
| 58 | Equivalent efficacies of reverse hybrid and concomitant therapies in firstâ€line treatment of <scp>Helicobacter pylori</scp> infection. Journal of Gastroenterology and Hepatology (Australia), 2020, 35, 1731-1737. | 1.4 | 17 |
| 59 | Helicobacter pyloriâ€Pulsed Dendritic Cells Induce H. pyloriâ€Specific Immunity in Mice. Helicobacter, 2008, 13, 200-208. | 1.6 | 16 |
| 60 | IRAK-M modulates expression of IL-10 and cell surface markers CD80 and MHC II after bacterial re-stimulation of tolerized dendritic cells. Immunology Letters, 2012, 144, 49-59. | 1.1 | 16 |
| 61 | Early timing of single balloon enteroscopy is associated with increased diagnostic yield in patients with overt small bowel bleeding. Journal of the Formosan Medical Association, 2019, 118, 1644-1651. | 0.8 | 14 |
| 62 | Proton Pump Inhibitor-Induced Gut Dysbiosis Increases Mortality Rates for Patients with Clostridioides difficile Infection. Microbiology Spectrum, 2022, 10, . | 1.2 | 14 |
| 63 | Detection of colonic inflammation with Fourier transform infrared spectroscopy using a flexible silver halide fiber. Biomedical Optics Express, 2010, 1, 1014. | 1.5 | 13 |
| 64 | Distinct Physiological Characteristics of Isolated Laryngopharyngeal Reflux Symptoms. Clinical Gastroenterology and Hepatology, 2020, 18, 1466-1474.e4. | 2.4 | 13 |
| 65 | A Little O2 May Go a Long Way in Structuring the GI Microbiome. Gastroenterology, 2014, 147, 956-959. | 0.6 | 12 |
| 66 | Dendritic cellâ€derived TGFâ€Î² mediates the induction of mucosal regulatory Tâ€cell response to Helicobacter infection essential for maintenance of immune tolerance in mice. Helicobacter, 2020, 25, e12763. | 1.6 | 12 |
| 67 | Helicobacter pylori: beneficial for most?. Expert Review of Gastroenterology and Hepatology, 2011, 5, 649-651. | 1.4 | 11 |
| 68 | The effect of CT26 tumor-derived TGF-Î² on the balance of tumor growth and immunity. Immunology Letters, 2017, 191, 47-54. | 1.1 | 11 |
| 69 | Tetracyclineâ€levofloxacin versus amoxicillinâ€levofloxacin quadruple therapies in the secondâ€line treatment of Helicobacter pylori infection. Helicobacter, 2021, 26, e12840. | 1.6 | 11 |
| 70 | Use of a donor heart with symptomatic WPW in an alternate donor program. Journal of Heart and Lung Transplantation, 2002, 21, 1310-1313. | 0.3 | 10 |
| 71 | Role of Dietary Metabolites in Regulating the Host Immune Response in Gastrointestinal Disease. Frontiers in Immunology, 2017, 8, 51. | 2.2 | 9 |
| 72 | Packaging and Waste in the Endoscopy Suite. Techniques and Innovations in Gastrointestinal Endoscopy, 2021, 23, 371-375. | 0.4 | 9 |

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|---|---|---|---|
| 73 | Does stress induce bowel dysfunction?. Expert Review of Gastroenterology and Hepatology, 2014, 8, 583-585. | 1.4 | 8 |
| 74 | Reverse Microbiomics: A New Reverse Dysbiosis Analysis Strategy and Its Usage in Prediction of Autoantigens and Virulent Factors in Dysbiotic Gut Microbiomes From Rheumatoid Arthritis Patients. Frontiers in Microbiology, 2021, 12, 633732. | 1.5 | 8 |
| 75 | <scp>CCR</scp>2 mediates Helicobacter pyloriâ€induced immune tolerance and contributes to mucosal homeostasis. Helicobacter, 2017, 22, e12366. | 1.6 | 6 |
| 76 | Regional Control of Regulatory Immune Cells in the Intestine. Current Pathobiology Reports, 2018, 6, 29-34. | 1.6 | 6 |
| 77 | Aberrant T helper cell response in tumor-bearing mice limits the efficacy of dendritic cell vaccineâ˜†. Immunology Letters, 2006, 105, 16-25. | 1.1 | 5 |
| 78 | Anaplastic Lymphoma Masquerading as Sclerosing Mesenteritis: A Case Report. Journal of Gastrointestinal Cancer, 2012, 43, 364-366. | 0.6 | 5 |
| 79 | Recent advances in pediatric celiac disease. Expert Review of Gastroenterology and Hepatology, 2017, 11, 583-592. | 1.4 | 5 |
| 80 | Considering Global Vaccination against Helicobacter pylori. Southern Medical Journal, 2010, 103, 185-186. | 0.3 | 5 |
| 81 | Peptic Ulcer Diseases: Genetics, Mechanism, and Therapies. BioMed Research International, 2014, 2014, 1-4. | 0.9 | 4 |
| 82 | 594 EFFICACY OF HIGH-DOSE DUAL THERAPY AND BISMUTH QUADRUPLE THERAPY IN FIRST-LINE AND RESCUE HELICOBACTER PYLORI ERADICATION â€“ A FINAL REPORT OF MULTI-CENTER, RANDOMIZED CONTROL STUDY. Gastroenterology, 2021, 160, S-115. | 0.6 | 2 |
| 83 | Regional control of regulatory immune cells in the intestine. Current Pathobiology Reports, 2018, 6, 29-34. | 1.6 | 2 |
| 84 | 316 Genotypic Testing Is Suboptimal to Predict Antibiotic Resistance and Therapeutic Outcome for Helicobacter pylori Eradication in Clinical Practice. Gastroenterology, 2016, 150, S73. | 0.6 | 1 |
| 85 | A report of nonexistence of the non-Helicobacter pylori Helicobacter species in Iranian patients suffering from inflammatory bowel disease. Folia Microbiologica, 2021, 66, 751-759. | 1.1 | 1 |
| 86 | Effects of Helicobacter pylori treatment on the incidences of autoimmune diseases and inflammatory bowel disease in patients with diabetes mellitus. PLoS ONE, 2022, 17, e0265323. | 1.1 | 1 |
| 87 | Contributions From Gastroenterology: Acid Peptic Disorders, Barrettâ€™s Esophagus and Eosinophilic Esophagitis. Gastroenterology, 2018, 154, 1209-1214. | 0.6 | 0 |
| 88 | Time to Make a Change in the Cutoff Value of Clarithromycin Resistance in the Treatment of Helicobacter pylori Infection. American Journal of Gastroenterology, 2018, 113, 142-143. | 0.2 | 0 |
| 89 | Reply. Clinical Gastroenterology and Hepatology, 2019, 17, 1647-1648. | 2.4 | 0 |
| 90 | 2403. Clostridium difficile ribotypes and human microbiota differ in Taiwan and the United States with respect to diarrheal patients. Open Forum Infectious Diseases, 2019, 6, S829-S830. | 0.4 | 0 |

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|---|---|---|---|
| 91 | Reply. Gastroenterology, 2020, 159, 799. | 0.6 | 0 |
| 92 | Book report. Gut Microbes, 2020, 11, 632-632. | 4.3 | 0 |
| 93 | 792. Evaluation of Persistent Diarrhea and Recurrence Following Fecal Microbiota Transplantation for Recurrent Clostridioides difficile Infection. Open Forum Infectious Diseases, 2020, 7, S439-S440. | 0.4 | 0 |
| 94 | Treatment considerations in Helicobacter pylori management. Alimentary Pharmacology and Therapeutics, 2022, 55, S22-S28. | 1.9 | 0 |