

Judy H Cho

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

40,465
citations

41344

49
h-index

27406

106
g-index

121
all docs

121
docs citations

121
times ranked

48822
citing authors

#	ARTICLE	IF	CITATIONS
1	A Systematic Review of Monogenic Inflammatory Bowel Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e653-e663.	4.4	57
2	Constrictive and Hypertrophic Strictures in Ileal Crohn's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e1292-e1304.	4.4	13
3	A Role for CXCR3 Ligands as Biomarkers of Post-Operative Crohn's Disease Recurrence. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 900-910.	1.3	10
4	An Integrated Taxonomy for Monogenic Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2022, 162, 859-876.	1.3	37
5	Integrative Analysis of the Inflammatory Bowel Disease Serum Metabolome Improves Our Understanding of Genetic Etiology and Points to Novel Putative Therapeutic Targets. <i>Gastroenterology</i> , 2022, 162, 828-843.e11.	1.3	26
6	Population-Based Penetrance of Deleterious Clinical Variants. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 350.	7.4	34
7	Coronary Risk Estimation Based on Clinical Data in Electronic Health Records. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1155-1166.	2.8	14
8	Single-cell transcriptomics reveals conserved cell identities and fibrogenic phenotypes in zebrafish and human liver. <i>Hepatology Communications</i> , 2022, 6, 1711-1724.	4.3	24
9	Genome-First Recall of Healthy Individuals by Polygenic Risk Score Reveals Differences in Coronary Artery Calcium. <i>American Heart Journal</i> , 2022, 250, 29-29.	2.7	1
10	Neutralizing Anti-Granulocyte Macrophage-Colony Stimulating Factor Autoantibodies Recognize Post-Translational Glycosylations on Granulocyte Macrophage-Colony Stimulating Factor Years Before Diagnosis and Predict Complicated Crohn's Disease. <i>Gastroenterology</i> , 2022, 163, 659-670.	1.3	18
11	Genome-wide polygenic score to predict chronic kidney disease across ancestries. <i>Nature Medicine</i> , 2022, 28, 1412-1420.	30.7	48
12	Transethnic Transferability of a Genome-Wide Polygenic Score for Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003092.	3.6	25
13	Intestinal Inflammation Modulates the Expression of ACE2 and TMPRSS2 and Potentially Overlaps With the Pathogenesis of SARS-CoV-2-related Disease. <i>Gastroenterology</i> , 2021, 160, 287-301.e20.	1.3	98
14	Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. <i>Nature Medicine</i> , 2021, 27, 66-72.	30.7	44
15	Implementing genomic screening in diverse populations. <i>Genome Medicine</i> , 2021, 13, 17.	8.2	38
16	Polygenic risk score for alcohol drinking behavior improves prediction of inflammatory bowel disease risk. <i>Human Molecular Genetics</i> , 2021, 30, 514-523.	2.9	2
17	A myeloid-stromal niche and gp130 rescue in NOD2-driven Crohn's disease. <i>Nature</i> , 2021, 593, 275-281.	27.8	65
18	Genome-wide polygenic risk score for retinopathy of type 2 diabetes. <i>Human Molecular Genetics</i> , 2021, 30, 952-960.	2.9	14

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19	Whole-genome sequencing of African Americans implicates differential genetic architecture in inflammatory bowel disease. <i>American Journal of Human Genetics</i> , 2021, 108, 431-445.	6.2	21
20	Common and Rare Variant Prediction and Penetrance of IBD in a Large, Multi-ethnic, Health System-based Biobank Cohort. <i>Gastroenterology</i> , 2021, 160, 1546-1557.	1.3	43
21	Inflamed Ulcerative Colitis Regions Associated With MRGPRX2-Mediated Mast Cell Degranulation and Cell Activation Modules, Defining a New Therapeutic Target. <i>Gastroenterology</i> , 2021, 160, 1709-1724.	1.3	43
22	Toward a fine-scale population health monitoring system. <i>Cell</i> , 2021, 184, 2068-2083.e11.	28.9	78
23	Novel ultra-rare exonic variants identified in a founder population implicate cadherins in schizophrenia. <i>Neuron</i> , 2021, 109, 1465-1478.e4.	8.1	21
24	Genetic pleiotropy of ERCC6 loss-of-function and deleterious missense variants links retinal dystrophy, arrhythmia, and immunodeficiency in diverse ancestries. <i>Human Mutation</i> , 2021, 42, 969-977.	2.5	3
25	Stratification of risk of progression to colectomy in ulcerative colitis via measured and predicted gene expression. <i>American Journal of Human Genetics</i> , 2021, 108, 1765-1779.	6.2	6
26	Molecular Characterization of Limited Ulcerative Colitis Reveals Novel Biology and Predictors of Disease Extension. <i>Gastroenterology</i> , 2021, 161, 1953-1968.e15.	1.3	14
27	Deep Analysis of the Peripheral Immune System in IBD Reveals New Insight in Disease Subtyping and Response to Monotherapy or Combination Therapy. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 599-632.	4.5	17
28	Immunoglobulin A Targets a Unique Subset of the Microbiota in Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2021, 29, 83-93.e3.	11.0	53
29	Machine learning identifies novel blood protein predictors of penetrating and stricturing complications in newly diagnosed paediatric Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 281-290.	3.7	23
30	Utility of polygenic embryo screening for disease depends on the selection strategy. <i>ELife</i> , 2021, 10, .	6.0	34
31	Luminal Narrowing Alone Allows an Accurate Diagnosis of Crohn's Disease Small Bowel Strictures at Cross-Sectional Imaging. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1009-1018.	1.3	8
32	From single-target to cellular niche targeting in Crohn's disease: intercepting bad communications. <i>EBioMedicine</i> , 2021, 74, 103690.	6.1	3
33	Natural language processing of electronic health records is superior to billing codes to identify symptom burden in hemodialysis patients. <i>Kidney International</i> , 2020, 97, 383-392.	5.2	27
34	A brief history of human disease genetics. <i>Nature</i> , 2020, 577, 179-189.	27.8	441
35	Exome sequencing reveals a high prevalence of BRCA1 and BRCA2 founder variants in a diverse population-based biobank. <i>Genome Medicine</i> , 2020, 12, 2.	8.2	68
36	Very Early Onset Inflammatory Bowel Disease: A Clinical Approach With a Focus on the Role of Genetics and Underlying Immune Deficiencies. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 820-842.	1.9	100

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37	Limitations of Contemporary Guidelines for Managing Patients at High Genetic Risk of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2769-2780.	2.8	88
38	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020, 581, 434-443.	27.8	6,140
39	Collagenous Colitis Is Associated With HLA Signature and Shares Genetic Risks With Other Immune-Mediated Diseases. <i>Gastroenterology</i> , 2020, 159, 549-561.e8.	1.3	31
40	A common variant in PNPLA3 is associated with age at diagnosis of NAFLD in patients from a multi-ethnic biobank. <i>Journal of Hepatology</i> , 2020, 72, 1070-1081.	3.7	35
41	Evaluation of ileal Crohn's disease response to TNF antagonists: Validation of MR enterography for assessing response. Initial results. <i>European Journal of Radiology Open</i> , 2020, 7, 100217.	1.6	9
42	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e24018.	4.3	174
43	Zebrafish modeling of intestinal injury, bacterial exposures, and medications defines epithelial in vivo responses relevant to human inflammatory bowel disease. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	30
44	Gut microbiota density influences host physiology and is shaped by host and microbial factors. <i>ELife</i> , 2019, 8, .	6.0	118
45	Augmented intelligence with natural language processing applied to electronic health records for identifying patients with non-alcoholic fatty liver disease at risk for disease progression. <i>International Journal of Medical Informatics</i> , 2019, 129, 334-341.	3.3	29
46	Single-Cell Analysis of Crohn's Disease Lesions Identifies a Pathogenic Cellular Module Associated with Resistance to Anti-TNF Therapy. <i>Cell</i> , 2019, 178, 1493-1508.e20.	28.9	519
47	Emergent colectomy rates decreased while elective ileal pouch rates were stable over time: a nationwide inpatient sample study. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1771-1779.	2.2	16
48	Prioritizing Crohn's disease genes by integrating association signals with gene expression implicates monocyte subsets. <i>Genes and Immunity</i> , 2019, 20, 577-588.	4.1	16
49	Risk Alleles for Drug Targets: Genomic Markers of Drug Response. , 2019, , 333-341.		0
50	Challenges in IBD Research: Precision Medicine. <i>Inflammatory Bowel Diseases</i> , 2019, 25, S31-S39.	1.9	67
51	Genetic Factors and the Intestinal Microbiome Guide Development of Microbe-Based Therapies for Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2019, 156, 2174-2189.	1.3	132
52	Microbial Engraftment and Efficacy of Fecal Microbiota Transplant for <i>Clostridium Difficile</i> in Patients With and Without Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 969-979.	1.9	38
53	Association of the V122I Hereditary Transthyretin Amyloidosis Genetic Variant With Heart Failure Among Individuals of African or Hispanic/Latino Ancestry. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2191.	7.4	93
54	High-Throughput Identification of the Plasma Proteomic Signature of Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 462-471.	1.3	18

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55	Earlier Anti-Tumor Necrosis Factor Therapy of Crohn's Disease Correlates with Slower Progression of Bowel Damage. <i>Digestive Diseases and Sciences</i> , 2019, 64, 3274-3283.	2.3	20
56	SUN-032 Exome Sequencing Reveals that Pathogenic RET Variants Occur at Higher Prevalence Than Previously Recognized: Data from a US Health System Biobank. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
57	Functional variants in the <i>LRRK2</i> gene confer shared effects on risk for Crohn's disease and Parkinson's disease. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	273
58	Magnetic Resonance Imaging Predicts Histopathological Composition of Ileal Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 718-729.	1.3	45
59	High-depth whole genome sequencing of an Ashkenazi Jewish reference panel: enhancing sensitivity, accuracy, and imputation. <i>Human Genetics</i> , 2018, 137, 343-355.	3.8	24
60	Luminally polarized mural and vascular remodeling in ileal strictures of Crohn's disease. <i>Human Pathology</i> , 2018, 79, 42-49.	2.0	16
61	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. <i>PLoS Genetics</i> , 2018, 14, e1007329.	3.5	66
62	Prediction of complicated disease course for children newly diagnosed with Crohn's disease: a multicentre inception cohort study. <i>Lancet, The</i> , 2017, 389, 1710-1718.	13.7	482
63	Institutional profile: translational pharmacogenomics at the Icahn School of Medicine at Mount Sinai. <i>Pharmacogenomics</i> , 2017, 18, 1381-1386.	1.3	20
64	Transcriptional risk scores link GWAS to eQTLs and predict complications in Crohn's disease. <i>Nature Genetics</i> , 2017, 49, 1517-1521.	21.4	146
65	Fine-mapping inflammatory bowel disease loci to single-variant resolution. <i>Nature</i> , 2017, 547, 173-178.	27.8	473
66	Genome-Wide Association Study Identifies African-Specific Susceptibility Loci in African Americans With Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2017, 152, 206-217.e2.	1.3	120
67	Genetic identification of a common collagen disease in Puerto Ricans via identity-by-descent mapping in a health system. <i>ELife</i> , 2017, 6, .	6.0	65
68	High-Throughput Characterization of Blood Serum Proteomics of IBD Patients with Respect to Aging and Genetic Factors. <i>PLoS Genetics</i> , 2017, 13, e1006565.	3.5	41
69	P-175's Pleiotropic Effects of Novel Functional LRRK2 Variation on Crohn's Disease and Parkinson's Disease Risk. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S62-S63.	1.9	0
70	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. <i>Gastroenterology</i> , 2016, 151, 710-723.e2.	1.3	51
71	A Pleiotropic Missense Variant in SLC39A8 Is Associated With Crohn's Disease and Human Gut Microbiome Composition. <i>Gastroenterology</i> , 2016, 151, 724-732.	1.3	109
72	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. <i>Nature Communications</i> , 2016, 7, 12342.	12.8	50

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73	Different tissue phagocytes sample apoptotic cells to direct distinct homeostasis programs. <i>Nature</i> , 2016, 539, 565-569.	27.8	166
74	Blood and Intestine eQTLs from an Anti-TNF-Resistant Crohn's Disease Cohort Inform IBD Genetic Association Loci. <i>Clinical and Translational Gastroenterology</i> , 2016, 7, e177.	2.5	40
75	The Promise of Epigenetics. Has It Delivered New Insights?. <i>Digestive Diseases</i> , 2016, 34, 12-19.	1.9	4
76	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. <i>Lancet, The</i> , 2016, 387, 156-167.	13.7	607
77	Improved integrative framework combining association data with gene expression features to prioritize Crohn's disease genes. <i>Human Molecular Genetics</i> , 2015, 24, 4147-4157.	2.9	19
78	The heritable immune system. <i>Nature Biotechnology</i> , 2015, 33, 608-609.	17.5	5
79	Association analyses identify 38 susceptibility loci for inflammatory bowel disease and highlight shared genetic risk across populations. <i>Nature Genetics</i> , 2015, 47, 979-986.	21.4	1,965
80	Heterogeneity of autoimmune diseases: pathophysiologic insights from genetics and implications for new therapies. <i>Nature Medicine</i> , 2015, 21, 730-738.	30.7	189
81	Bridging the Gap Between Host Immune Response and Intestinal Dysbiosis in Inflammatory Bowel Disease: Does Immunoglobulin A Mark the Spot?. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 842-846.	4.4	10
82	Characterization of Genetic Loci That Affect Susceptibility to Inflammatory Bowel Diseases in African Americans. <i>Gastroenterology</i> , 2015, 149, 1575-1586.	1.3	65
83	Genetics of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2015, 149, 1163-1176.e2.	1.3	319
84	Defects in Nicotinamide-adenine Dinucleotide Phosphate Oxidase Genes NOX1 and DUOX2 in Very Early Onset Inflammatory Bowel Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015, 1, 489-502.	4.5	127
85	Immunoglobulin A Coating Identifies Colitogenic Bacteria in Inflammatory Bowel Disease. <i>Cell</i> , 2014, 158, 1000-1010.	28.9	982
86	Sequencing an Ashkenazi reference panel supports population-targeted personal genomics and illuminates Jewish and European origins. <i>Nature Communications</i> , 2014, 5, 4835.	12.8	156
87	Pattern Recognition Receptor Signaling in Human Dendritic Cells is Enhanced by ICOS Ligand and Modulated by the Crohn's Disease ICOSLG Risk Allele. <i>Immunity</i> , 2014, 40, 734-746.	14.3	55
88	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. <i>Nature Genetics</i> , 2013, 45, 670-675.	21.4	339
89	A Genome-Wide Scan of Ashkenazi Jewish Crohn's Disease Suggests Novel Susceptibility Loci. <i>PLoS Genetics</i> , 2012, 8, e1002559.	3.5	144
90	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. <i>Nature</i> , 2012, 491, 119-124.	27.8	4,038

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91	Effector CD4+ T Cell Expression Signatures and Immune-Mediated Disease Associated Genes. PLoS ONE, 2012, 7, e38510.	2.5	16
92	Contribution of higher risk genes and European admixture to Crohn's disease in African Americans. Inflammatory Bowel Diseases, 2012, 18, 2277-2287.	1.9	29
93	Recent Insights Into the Genetics of Inflammatory Bowel Disease. Gastroenterology, 2011, 140, 1704-1712.e2.	1.3	367
94	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. Nature Genetics, 2011, 43, 1066-1073.	21.4	698
95	Genomics and the Multifactorial Nature of Human Autoimmune Disease. New England Journal of Medicine, 2011, 365, 1612-1623.	27.0	299
96	Pervasive Sharing of Genetic Effects in Autoimmune Disease. PLoS Genetics, 2011, 7, e1002254.	3.5	540
97	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. Nature Genetics, 2010, 42, 332-337.	21.4	572
98	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. Nature Genetics, 2010, 42, 1118-1125.	21.4	2,284
99	Genome-Wide Association Studies: Present Status and Future Directions. Gastroenterology, 2010, 138, 1668-1672.e1.	1.3	9
100	Inflammatory Bowel Disease. New England Journal of Medicine, 2009, 361, 2066-2078.	27.0	2,369
101	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. Nature Genetics, 2008, 40, 955-962.	21.4	2,422
102	Deletion polymorphism upstream of IRGM associated with altered IRGM expression and Crohn's disease. Nature Genetics, 2008, 40, 1107-1112.	21.4	604
103	Inflammatory Bowel Disease Genetics: Nod2. Annual Review of Medicine, 2007, 58, 401-416.	12.2	91
104	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. Nature Genetics, 2007, 39, 596-604.	21.4	1,633
105	A Genome-Wide Association Study Identifies <i>IL23R</i> as an Inflammatory Bowel Disease Gene. Science, 2006, 314, 1461-1463.	12.6	2,739
106	Regulation of IL-8 and IL-1 β expression in Crohn's disease associated NOD2/CARD15 mutations. Human Molecular Genetics, 2004, 13, 1715-1725.	2.9	243
107	Defining Complex Contributions of NOD2/CARD15 Gene Mutations, Age at Onset, and Tobacco Use On Crohn's Disease Phenotypes. Inflammatory Bowel Diseases, 2003, 9, 281-289.	1.9	206
108	Crohn's disease-associated NOD2 variants share a signaling defect in response to lipopolysaccharide and peptidoglycan. Gastroenterology, 2003, 124, 140-146.	1.3	382

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109	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. Nature, 2001, 411, 603-606.	27.8	4,589