

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	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020, 581, 434-443.	27.8	6,140
2	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. <i>Nature</i> , 2001, 411, 603-606.	27.8	4,589
3	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. <i>Nature</i> , 2012, 491, 119-124.	27.8	4,038
4	A Genome-Wide Association Study Identifies <i>IL23R</i> as an Inflammatory Bowel Disease Gene. <i>Science</i> , 2006, 314, 1461-1463.	12.6	2,739
5	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. <i>Nature Genetics</i> , 2008, 40, 955-962.	21.4	2,422
6	Inflammatory Bowel Disease. <i>New England Journal of Medicine</i> , 2009, 361, 2066-2078.	27.0	2,369
7	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. <i>Nature Genetics</i> , 2010, 42, 1118-1125.	21.4	2,284
8	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
9	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. <i>Nature Genetics</i> , 2007, 39, 596-604.	21.4	1,633
10	Immunoglobulin A Coating Identifies Colitogenic Bacteria in Inflammatory Bowel Disease. <i>Cell</i> , 2014, 158, 1000-1010.	28.9	982
11	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. <i>Nature Genetics</i> , 2011, 43, 1066-1073.	21.4	698
12	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. <i>Lancet</i> , The, 2016, 387, 156-167.	13.7	607
13	Deletion polymorphism upstream of IRGM associated with altered IRGM expression and Crohn's disease. <i>Nature Genetics</i> , 2008, 40, 1107-1112.	21.4	604
14	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. <i>Nature Genetics</i> , 2010, 42, 332-337.	21.4	572
15	Pervasive Sharing of Genetic Effects in Autoimmune Disease. <i>PLoS Genetics</i> , 2011, 7, e1002254.	3.5	540
16	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
17	Prediction of complicated disease course for children newly diagnosed with Crohn's disease: a multicentre inception cohort study. <i>Lancet</i> , The, 2017, 389, 1710-1718.	13.7	482
18	Fine-mapping inflammatory bowel disease loci to single-variant resolution. <i>Nature</i> , 2017, 547, 173-178.	27.8	473

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19	A brief history of human disease genetics. <i>Nature</i> , 2020, 577, 179-189.	27.8	441
20	Crohn's disease-associated NOD2 variants share a signaling defect in response to lipopolysaccharide and peptidoglycan. <i>Gastroenterology</i> , 2003, 124, 140-146.	1.3	382
21	Recent Insights Into the Genetics of Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2011, 140, 1704-1712.e2.	1.3	367
22	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
23	Genetics of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2015, 149, 1163-1176.e2.	1.3	319
24	Genomics and the Multifactorial Nature of Human Autoimmune Disease. <i>New England Journal of Medicine</i> , 2011, 365, 1612-1623.	27.0	299
25	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
26	Regulation of IL-8 and IL-1 β expression in Crohn's disease associated NOD2/CARD15 mutations. <i>Human Molecular Genetics</i> , 2004, 13, 1715-1725.	2.9	243
27	Defining Complex Contributions of NOD2/CARD15 Gene Mutations, Age at Onset, and Tobacco Use On Crohn's Disease Phenotypes. <i>Inflammatory Bowel Diseases</i> , 2003, 9, 281-289.	1.9	206
28	Heterogeneity of autoimmune diseases: pathophysiologic insights from genetics and implications for new therapies. <i>Nature Medicine</i> , 2015, 21, 730-738.	30.7	189
29	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
30	Different tissue phagocytes sample apoptotic cells to direct distinct homeostasis programs. <i>Nature</i> , 2016, 539, 565-569.	27.8	166
31	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
32	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
33	A Genome-Wide Scan of Ashkenazi Jewish Crohn's Disease Suggests Novel Susceptibility Loci. <i>PLoS Genetics</i> , 2012, 8, e1002559.	3.5	144
34	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
35	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
36	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

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37	Gut microbiota density influences host physiology and is shaped by host and microbial factors. <i>ELife</i> , 2019, 8, .	6.0	118
38	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
39	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
40	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
41	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
42	Inflammatory Bowel Disease Genetics: Nod2. <i>Annual Review of Medicine</i> , 2007, 58, 401-416.	12.2	91
43	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
44	Toward a fine-scale population health monitoring system. <i>Cell</i> , 2021, 184, 2068-2083.e11.	28.9	78
45	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
46	Challenges in IBD Research: Precision Medicine. <i>Inflammatory Bowel Diseases</i> , 2019, 25, S31-S39.	1.9	67
47	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
48	Characterization of Genetic Loci That Affect Susceptibility to Inflammatory Bowel Diseases in African Americans. <i>Gastroenterology</i> , 2015, 149, 1575-1586.	1.3	65
49	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
50	A myeloid-stromal niche and gp130 rescue in NOD2-driven Crohn's disease. <i>Nature</i> , 2021, 593, 275-281.	27.8	65
51	A Systematic Review of Monogenic Inflammatory Bowel Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e653-e663.	4.4	57
52	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
53	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
54	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

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55	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. <i>Nature Communications</i> , 2016, 7, 12342.	12.8	50
56	Genome-wide polygenic score to predict chronic kidney disease across ancestries. <i>Nature Medicine</i> , 2022, 28, 1412-1420.	30.7	48
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	Implementing genomic screening in diverse populations. <i>Genome Medicine</i> , 2021, 13, 17.	8.2	38
65	An Integrated Taxonomy for Monogenic Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2022, 162, 859-876.	1.3	37
66	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
67	Utility of polygenic embryo screening for disease depends on the selection strategy. <i>ELife</i> , 2021, 10, .	6.0	34
68	Population-Based Penetrance of Deleterious Clinical Variants. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 350.	7.4	34
69	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
70	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
71	Contribution of higher risk genes and European admixture to Crohn's disease in African Americans. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 2277-2287.	1.9	29
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	Institutional profile: translational pharmacogenomics at the Icahn School of Medicine at Mount Sinai. <i>Pharmacogenomics</i> , 2017, 18, 1381-1386.	1.3	20
82	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
83	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
84	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
85	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
86	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
87	Effector CD4+ T Cell Expression Signatures and Immune-Mediated Disease Associated Genes. <i>PLoS ONE</i> , 2012, 7, e38510.	2.5	16
88	Luminally polarized mural and vascular remodeling in ileal strictures of Crohn's disease. <i>Human Pathology</i> , 2018, 79, 42-49.	2.0	16
89	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
90	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

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91	Genome-wide polygenic risk score for retinopathy of type 2 diabetes. <i>Human Molecular Genetics</i> , 2021, 30, 952-960.	2.9	14
92	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
93	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
94	Constrictive and Hypertrophic Strictures in Ileal Crohn's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e1292-e1304.	4.4	13
95	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
96	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
97	Genome-Wide Association Studies: Present Status and Future Directions. <i>Gastroenterology</i> , 2010, 138, 1668-1672.e1.	1.3	9
98	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
99	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
100	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
101	The heritable immune system. <i>Nature Biotechnology</i> , 2015, 33, 608-609.	17.5	5
102	The Promise of Epigenetics. Has It Delivered New Insights?. <i>Digestive Diseases</i> , 2016, 34, 12-19.	1.9	4
103	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
104	From single-target to cellular niche targeting in Crohn's disease: intercepting bad communications. <i>EBioMedicine</i> , 2021, 74, 103690.	6.1	3
105	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
106	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
107	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
108	Risk Alleles for Drug Targets: Genomic Markers of Drug Response. , 2019, , 333-341.		0

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109	SUN-032 Exome Sequencing Reveals that Pathogenic RET Variants Occur at Higher Prevalence Than Previously Recognized: Data from a US Health System Biobank. Journal of the Endocrine Society, 2019, 3, .	0.2	0