

Luke Jostins

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

15,353
citations

201674

27
h-index

345221

36
g-index

42
all docs

42
docs citations

42
times ranked

25191
citing authors

#	ARTICLE	IF	CITATIONS
1	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. Nature, 2012, 491, 119-124.	27.8	4,038
2	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
3	Association analyses identify 38 susceptibility loci for inflammatory bowel disease and highlight shared genetic risk across populations. Nature Genetics, 2015, 47, 979-986.	21.4	1,965
4	A Systematic Survey of Loss-of-Function Variants in Human Protein-Coding Genes. Science, 2012, 335, 823-828.	12.6	1,095
5	Genome-wide association study implicates immune activation of multiple integrin genes in inflammatory bowel disease. Nature Genetics, 2017, 49, 256-261.	21.4	943
6	Innate Immune Activity Conditions the Effect of Regulatory Variants upon Monocyte Gene Expression. Science, 2014, 343, 1246-949.	12.6	706
7	Analysis of five chronic inflammatory diseases identifies 27 new associations and highlights disease-specific patterns at shared loci. Nature Genetics, 2016, 48, 510-518.	21.4	617
8	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. Lancet, The, 2016, 387, 156-167.	13.7	607
9	Fine-mapping inflammatory bowel disease loci to single-variant resolution. Nature, 2017, 547, 173-178.	27.8	473
10	Class II HLA interactions modulate genetic risk for multiple sclerosis. Nature Genetics, 2015, 47, 1107-1113.	21.4	312
11	High-density mapping of the MHC identifies a shared role for HLA-DRB1*01:03 in inflammatory bowel diseases and heterozygous advantage in ulcerative colitis. Nature Genetics, 2015, 47, 172-179.	21.4	280
12	Dense fine-mapping study identifies new susceptibility loci for primary biliary cirrhosis. Nature Genetics, 2012, 44, 1137-1141.	21.4	251
13	Genome-wide association study identifies distinct genetic contributions to prognosis and susceptibility in Crohn's disease. Nature Genetics, 2017, 49, 262-268.	21.4	250
14	Genome-wide association study of primary sclerosing cholangitis identifies new risk loci and quantifies the genetic relationship with inflammatory bowel disease. Nature Genetics, 2017, 49, 269-273.	21.4	230
15	Resolving TYK2 locus genotype-to-phenotype differences in autoimmunity. Science Translational Medicine, 2016, 8, 363ra149.	12.4	186
16	Negligible impact of rare autoimmune-locus coding-region variants on missing heritability. Nature, 2013, 498, 232-235.	27.8	184
17	Genetic risk prediction in complex disease. Human Molecular Genetics, 2011, 20, R182-R188.	2.9	154
18	Exploring the genetic architecture of inflammatory bowel disease by whole-genome sequencing identifies association at ADCY7. Nature Genetics, 2017, 49, 186-192.	21.4	153

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19	Genome-wide analysis of 53,400 people with irritable bowel syndrome highlights shared genetic pathways with mood and anxiety disorders. <i>Nature Genetics</i> , 2021, 53, 1543-1552.	21.4	96
20	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
21	Bayesian analysis of genetic association across tree-structured routine healthcare data in the UK Biobank. <i>Nature Genetics</i> , 2017, 49, 1311-1318.	21.4	56
22	Genetic Complexity of Crohn's Disease in Two Large Ashkenazi Jewish Families. <i>Gastroenterology</i> , 2016, 151, 698-709.	1.3	54
23	Loss of IL-10 signaling in macrophages limits bacterial killing driven by prostaglandin E2. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	51
24	Imputation of low-frequency variants using the HapMap3 benefits from large, diverse reference sets. <i>European Journal of Human Genetics</i> , 2011, 19, 662-666.	2.8	40
25	Active immunisation targeting nerve growth factor attenuates chronic pain behaviour in murine osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 672-675.	0.9	37
26	An Integrated Taxonomy for Monogenic Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2022, 162, 859-876.	1.3	37
27	Defective tumor necrosis factor release from Crohn's disease macrophages in response to toll-like receptor activation: Relationship to phenotype and genome-wide association susceptibility loci. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 2120-2127.	1.9	28
28	Bayesian meta-analysis across genome-wide association studies of diverse phenotypes. <i>Genetic Epidemiology</i> , 2019, 43, 532-547.	1.3	27
29	Trinculo: Bayesian and frequentist multinomial logistic regression for genome-wide association studies of multi-category phenotypes. <i>Bioinformatics</i> , 2016, 32, 1898-1900.	4.1	26
30	Genomic profiling of T-cell activation suggests increased sensitivity of memory T cells to CD28 costimulation. <i>Genes and Immunity</i> , 2020, 21, 390-408.	4.1	17
31	GWAS of stool frequency provides insights into gastrointestinal motility and irritable bowel syndrome. <i>Cell Genomics</i> , 2021, 1, 100069.	6.5	15
32	Using Genetic Prediction from Known Complex Disease Loci to Guide the Design of Next-Generation Sequencing Experiments. <i>PLoS ONE</i> , 2013, 8, e76328.	2.5	13
33	Defactinib inhibits PYK2 phosphorylation of IRF5 and reduces intestinal inflammation. <i>Nature Communications</i> , 2021, 12, 6702.	12.8	13
34	Misuse of hierarchical linear models overstates the significance of a reported association between <i>OXTR</i> and prosociality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1048.	7.1	6
35	Graphical Model Selection for Gaussian Conditional Random Fields in the Presence of Latent Variables. <i>Journal of the American Statistical Association</i> , 2019, 114, 723-734.	3.1	6
36	Comparison of LABORAS with static incapacitance testing for assessing spontaneous pain behaviour in surgically-induced murine osteoarthritis. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100101.	2.0	2