

Benjamin P Fairfax

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

6,737
citations

218677

26
h-index

243625

44
g-index

52
all docs

52
docs citations

52
times ranked

16711
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic identification of trans eQTLs as putative drivers of known disease associations. <i>Nature Genetics</i> , 2013, 45, 1238-1243.	21.4	1,544
2	Genetic association analyses implicate aberrant regulation of innate and adaptive immunity genes in the pathogenesis of systemic lupus erythematosus. <i>Nature Genetics</i> , 2015, 47, 1457-1464.	21.4	730
3	Innate Immune Activity Conditions the Effect of Regulatory Variants upon Monocyte Gene Expression. <i>Science</i> , 2014, 343, 1246949.	12.6	706
4	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
5	Genetics of gene expression in primary immune cells identifies cell type-specific master regulators and roles of HLA alleles. <i>Nature Genetics</i> , 2012, 44, 502-510.	21.4	445
6	A common haplotype lowers PU.1 expression in myeloid cells and delays onset of Alzheimer's disease. <i>Nature Neuroscience</i> , 2017, 20, 1052-1061.	14.8	330
7	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	21.4	221
8	Peripheral CD8+ T cell characteristics associated with durable responses to immune checkpoint blockade in patients with metastatic melanoma. <i>Nature Medicine</i> , 2020, 26, 193-199.	30.7	211
9	Phospho-Dependent Functional Modulation of GABAB Receptors by the Metabolic Sensor AMP-Dependent Protein Kinase. <i>Neuron</i> , 2007, 53, 233-247.	8.1	167
10	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity. <i>Cell</i> , 2022, 185, 916-938.e58.	28.9	164
11	A genetics-led approach defines the drug target landscape of 30 immune-related traits. <i>Nature Genetics</i> , 2019, 51, 1082-1091.	21.4	157
12	Leprosy and the Adaptation of Human Toll-Like Receptor 1. <i>PLoS Pathogens</i> , 2010, 6, e1000979.	4.7	139
13	Genomic modulators of gene expression in human neutrophils. <i>Nature Communications</i> , 2015, 6, 7545.	12.8	120
14	Cell Specific eQTL Analysis without Sorting Cells. <i>PLoS Genetics</i> , 2015, 11, e1005223.	3.5	115
15	Pathogenic implications for autoimmune mechanisms derived by comparative eQTL analysis of CD4+ versus CD8+ T cells. <i>PLoS Genetics</i> , 2017, 13, e1006643.	3.5	110
16	An immunodominant NP105-113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , 2022, 23, 50-61.	14.5	110
17	Phosphorylation and Chronic Agonist Treatment Atypically Modulate GABAB Receptor Cell Surface Stability. <i>Journal of Biological Chemistry</i> , 2004, 279, 12565-12573.	3.4	99
18	Interferon-Gamma-Producing CD8+ Tissue Resident Memory T Cells Are a Targetable Hallmark of Immune Checkpoint Inhibitor-Colitis. <i>Gastroenterology</i> , 2021, 161, 1229-1244.e9.	1.3	87

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19	Pervasive haplotypic variation in the spliceo-transcriptome of the human major histocompatibility complex. <i>Genome Research</i> , 2011, 21, 1042-1054.	5.5	63
20	Distinct Transcriptional and Anti-Mycobacterial Profiles of Peripheral Blood Monocytes Dependent on the Ratio of Monocytes: Lymphocytes. <i>EBioMedicine</i> , 2015, 2, 1619-1626.	6.1	61
21	Genetics of gene expression in immunity to infection. <i>Current Opinion in Immunology</i> , 2014, 30, 63-71.	5.5	54
22	HLA-C Level Is Regulated by a Polymorphic Oct1 Binding Site in the HLA-C Promoter Region. <i>American Journal of Human Genetics</i> , 2016, 99, 1353-1358.	6.2	49
23	Unravelling the unusual signalling properties of the GABAB receptor. <i>Biochemical Pharmacology</i> , 2004, 68, 1527-1536.	4.4	46
24	Increased prevalence of sex chromosome aneuploidies in specific language impairment and dyslexia. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 346-353.	2.1	42
25	The GABAB2 subunit is critical for the trafficking and function of native GABAB receptors. <i>Biochemical Pharmacology</i> , 2004, 68, 1655-1666.	4.4	41
26	Immune checkpoint blockade sensitivity and progression-free survival associates with baseline CD8 ⁺ T cell clone size and cytotoxicity. <i>Science Immunology</i> , 2021, 6, eabj8825.	11.9	41
27	Context-specific regulation of surface and soluble IL7R expression by an autoimmune risk allele. <i>Nature Communications</i> , 2019, 10, 4575.	12.8	37
28	Genomic mapping of the MHC transactivator CIITA using an integrated ChIP-seq and genetical genomics approach. <i>Genome Biology</i> , 2014, 15, 494.	8.8	32
29	A functional SNP associated with atopic dermatitis controls cell type-specific methylation of the VSTM1 gene locus. <i>Genome Medicine</i> , 2017, 9, 18.	8.2	30
30	Risk of nontyphoidal <i>Salmonella</i> bacteraemia in African children is modified by STAT4. <i>Nature Communications</i> , 2018, 9, 1014.	12.8	29
31	An integrated expression phenotype mapping approach defines common variants in LEP, ALOX15 and CAPNS1 associated with induction of IL-6. <i>Human Molecular Genetics</i> , 2010, 19, 720-730.	2.9	23
32	Toward a better understanding of T _H 1 cells in cancer. <i>Cancer Cell</i> , 2021, 39, 1549-1552.	16.8	21
33	Checkpoint-blocker-induced autoimmunity is associated with favourable outcome in metastatic melanoma and distinct T-cell expression profiles. <i>British Journal of Cancer</i> , 2021, 124, 1661-1669.	6.4	20
34	Fine mapping genetic determinants of the highly variably expressed MHC gene ZFP57. <i>European Journal of Human Genetics</i> , 2014, 22, 568-571.	2.8	16
35	A Common Haplotype of the TNF Receptor 2 Gene Modulates Endotoxin Tolerance. <i>Journal of Immunology</i> , 2011, 186, 3058-3065.	0.8	12
36	Natural Killer cells demonstrate distinct eQTL and transcriptome-wide disease associations, highlighting their role in autoimmunity. <i>Nature Communications</i> , 2022, 13, .	12.8	10

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37	Whole-genome sequencing identifies homozygous <i>BRCA2</i> deletion guiding treatment in dedifferentiated prostate cancer. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001362.	1.2	9
38	A global-local approach for detecting hotspots in multiple-response regression. <i>Annals of Applied Statistics</i> , 2020, 14, 905-928.	1.1	8
39	EPISPOT: An epigenome-driven approach for detecting and interpreting hotspots in molecular QTL studies. <i>American Journal of Human Genetics</i> , 2021, 108, 983-1000.	6.2	6
40	Genetic variants associated with non-typhoidal <i>Salmonella</i> bacteraemia in African children. <i>Lancet, The</i> , 2015, 385, S13.	13.7	5
41	Abiraterone acetate: a potential source of interference in testosterone assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e138-e140.	2.3	5
42	Changes in epigenetic profiles throughout early childhood and their relationship to the response to pneumococcal vaccination. <i>Clinical Epigenetics</i> , 2021, 13, 29.	4.1	4
43	Dissecting genetic determinants of variation in human immune responses. <i>Current Opinion in Immunology</i> , 2020, 65, 74-78.	5.5	3
44	Studying the Localization, Surface Stability and Endocytosis of Neurotransmitter Receptors by Antibody Labeling and Biotinylation Approaches. <i>Frontiers in Neuroscience</i> , 2006, , 91-118.	0.0	1