Benjamin P Fairfax

List of Publications by Year
in descending order

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Version: 2024-02-01

44	6,737	218677	243625
papers	citations	26 h-index	44 g-index

52	52	52	16711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An immunodominant NP105â€“113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. Nature Immunology, 2022, 23, 50-61.	14.5	110
2	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity. Cell, 2022, 185, 916-938.e58.	28.9	164
3	Natural Killer cells demonstrate distinct eQTL and transcriptome-wide disease associations, highlighting their role in autoimmunity. Nature Communications, 2022, 13, .	12.8	10
4	Changes in epigenetic profiles throughout early childhood and their relationship to the response to pneumococcal vaccination. Clinical Epigenetics, 2021, 13, 29.	4.1	4
5	Checkpoint-blocker-induced autoimmunity is associated with favourable outcome in metastatic melanoma and distinct T-cell expression profiles. British Journal of Cancer, 2021, 124, 1661-1669.	6.4	20
6	EPISPOT: An epigenome-driven approach for detecting and interpreting hotspots in molecular QTL studies. American Journal of Human Genetics, 2021, 108, 983-1000.	6.2	6
7	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. Nature Genetics, 2021, 53, 1300-1310.	21.4	590
8	Immune checkpoint blockade sensitivity and progression-free survival associates with baseline CD8 ⁺ T cell clone size and cytotoxicity. Science Immunology, 2021, 6, eabj8825.	11.9	41
9	Interferon-Gammaâ€“Producing CD8+ Tissue Resident Memory T Cells Are a Targetable Hallmark of Immune Checkpoint Inhibitorâ€“Colitis. Gastroenterology, 2021, 161, 1229-1244.e9.	1.3	87
10	Toward a better understanding of TÂcells in cancer. Cancer Cell, 2021, 39, 1549-1552.	16.8	21
11	Dissecting genetic determinants of variation in human immune responses. Current Opinion in Immunology, 2020, 65, 74-78.	5.5	3
12	Peripheral CD8+ T cell characteristics associated with durable responses to immune checkpoint blockade in patients with metastatic melanoma. Nature Medicine, 2020, 26, 193-199.	30.7	211
13	A global-local approach for detecting hotspots in multiple-response regression. Annals of Applied Statistics, 2020, 14, 905-928.	1.1	8
14	A genetics-led approach defines the drug target landscape of 30 immune-related traits. Nature Genetics, 2019, 51, 1082-1091.	21.4	157
15	Context-specific regulation of surface and soluble IL7R expression by an autoimmune risk allele. Nature Communications, 2019, 10, 4575.	12.8	37
16	Abiraterone acetate: a potential source of interference in testosterone assays. Clinical Chemistry and Laboratory Medicine, 2018, 56, e138-e140.	2.3	5
17	Risk of nontyphoidal Salmonella bacteraemia in African children is modified by STAT4. Nature Communications, 2018, 9, 1014.	12.8	29
18	A functional SNP associated with atopic dermatitis controls cell type-specific methylation of the VSTM1 gene locus. Genome Medicine, 2017, 9, 18.	8.2	30

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19	Whole-genome sequencing identifies homozygous BRCA2 deletion guiding treatment in dedifferentiated prostate cancer. Journal of Physical Education and Sports Management, 2017, 3, a001362.	1.2	9
20	A common haplotype lowers PU.1 expression in myeloid cells and delays onset of Alzheimer's disease. Nature Neuroscience, 2017, 20, 1052-1061.	14.8	330
21	Pathogenic implications for autoimmune mechanisms derived by comparative eQTL analysis of CD4+ versus CD8+ T cells. PLoS Genetics, 2017, 13, e1006643.	3.5	110
22	HLA-C Level Is Regulated by a Polymorphic Oct1 Binding Site in the HLA-C Promoter Region. American Journal of Human Genetics, 2016, 99, 1353-1358.	6.2	49
23	Distinct Transcriptional and Anti-Mycobacterial Profiles of Peripheral Blood Monocytes Dependent on the Ratio of Monocytes: Lymphocytes. EBioMedicine, 2015, 2, 1619-1626.	6.1	61
24	Cell Specific eQTL Analysis without Sorting Cells. PLoS Genetics, 2015, 11, e1005223.	3.5	115
25	Genomic modulators of gene expression in human neutrophils. Nature Communications, 2015, 6, 7545.	12.8	120
26	Genetic variants associated with non-typhoidal Salmonella bacteraemia in African children. Lancet, The, 2015, 385, S13.	13.7	5
27	Genetic association analyses implicate aberrant regulation of innate and adaptive immunity genes in the pathogenesis of systemic lupus erythematosus. Nature Genetics, 2015, 47, 1457-1464.	21.4	730
28	Genomic mapping of the MHC transactivator CIITA using an integrated ChIP-seq and genetical genomics approach. Genome Biology, 2014, 15, 494.	8.8	32
29	Fine mapping genetic determinants of the highly variably expressed MHC gene ZFP57. European Journal of Human Genetics, 2014, 22, 568-571.	2.8	16
30	Increased prevalence of sex chromosome aneuploidies in specific language impairment and dyslexia. Developmental Medicine and Child Neurology, 2014, 56, 346-353.	2.1	42
31	Innate Immune Activity Conditions the Effect of Regulatory Variants upon Monocyte Gene Expression. Science, 2014, 343, 1246949.	12.6	706
32	Genetics of gene expression in immunity to infection. Current Opinion in Immunology, 2014, 30, 63-71.	5.5	54
33	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. Nature Genetics, 2013, 45, 902-906.	21.4	221
34	Systematic identification of trans eQTLs as putative drivers of known disease associations. Nature Genetics, 2013, 45, 1238-1243.	21.4	1,544
35	Genetics of gene expression in primary immune cells identifies cell typeâ€“specific master regulators and roles of HLA alleles. Nature Genetics, 2012, 44, 502-510.	21.4	445
36	Pervasive haplotypic variation in the spliceo-transcriptome of the human major histocompatibility complex. Genome Research, 2011, 21, 1042-1054.	5.5	63

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37	A Common Haplotype of the TNF Receptor 2 Gene Modulates Endotoxin Tolerance. Journal of Immunology, 2011, 186, 3058-3065.	0.8	12
38	An integrated expression phenotype mapping approach defines common variants in LEP, ALOX15 and CAPNS1 associated with induction of IL-6. Human Molecular Genetics, 2010, 19, 720-730.	2.9	23
39	Leprosy and the Adaptation of Human Toll-Like Receptor 1. PLoS Pathogens, 2010, 6, e1000979.	4.7	139
40	Phospho-Dependent Functional Modulation of GABAB Receptors by the Metabolic Sensor AMP-Dependent Protein Kinase. Neuron, 2007, 53, 233-247.	8.1	167
41	Studying the Localization, Surface Stability and Endocytosis of Neurotransmitter Receptors by Antibody Labeling and Biotinylation Approaches. Frontiers in Neuroscience, 2006, , 91-118.	0.0	1
42	Phosphorylation and Chronic Agonist Treatment Atypically Modulate GABAB Receptor Cell Surface Stability. Journal of Biological Chemistry, 2004, 279, 12565-12573.	3.4	99
43	Unravelling the unusual signalling properties of the GABAB receptor. Biochemical Pharmacology, 2004, 68, 1527-1536.	4.4	46
44	The GABAB2 subunit is critical for the trafficking and function of native GABAB receptors. Biochemical Pharmacology, 2004, 68, 1655-1666.	4.4	41