

Manuel A R Ferreira

List of Publications by Year in descending order

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122
papers

48,127
citations

28274

55
h-index

18130

120
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133
all docs

133
docs citations

133
times ranked

62501
citing authors

#	ARTICLE	IF	CITATIONS
1	PLINK: A Tool Set for Whole-Genome Association and Population-Based Linkage Analyses. <i>American Journal of Human Genetics</i> , 2007, 81, 559-575.	6.2	26,761
2	Common polygenic variation contributes to risk of schizophrenia and bipolar disorder. <i>Nature</i> , 2009, 460, 748-752.	27.8	4,345
3	Association between Microdeletion and Microduplication at 16p11.2 and Autism. <i>New England Journal of Medicine</i> , 2008, 358, 667-675.	27.0	1,476
4	Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. <i>Nature Genetics</i> , 2011, 43, 977-983.	21.4	1,283
5	Collaborative genome-wide association analysis supports a role for ANK3 and CACNA1C in bipolar disorder. <i>Nature Genetics</i> , 2008, 40, 1056-1058.	21.4	1,102
6	Interaction between ERAP1 and HLA-B27 in ankylosing spondylitis implicates peptide handling in the mechanism for HLA-B27 in disease susceptibility. <i>Nature Genetics</i> , 2011, 43, 761-767.	21.4	778
7	Identification of multiple risk variants for ankylosing spondylitis through high-density genotyping of immune-related loci. <i>Nature Genetics</i> , 2013, 45, 730-738.	21.4	699
8	Whole-genome association study of bipolar disorder. <i>Molecular Psychiatry</i> , 2008, 13, 558-569.	7.9	642
9	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015, 47, 1449-1456.	21.4	529
10	Assumption-Free Estimation of Heritability from Genome-Wide Identity-by-Descent Sharing between Full Siblings. <i>PLoS Genetics</i> , 2006, 2, e41.	3.5	518
11	Practical aspects of imputation-driven meta-analysis of genome-wide association studies. <i>Human Molecular Genetics</i> , 2008, 17, R122-R128.	2.9	475
12	Computationally efficient whole-genome regression for quantitative and binary traits. <i>Nature Genetics</i> , 2021, 53, 1097-1103.	21.4	457
13	Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. <i>Nature Genetics</i> , 2017, 49, 1752-1757.	21.4	432
14	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	21.4	426
15	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	27.8	401
16	Exome sequencing and analysis of 454,787 UK Biobank participants. <i>Nature</i> , 2021, 599, 628-634.	27.8	377
17	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. <i>JAMA Oncology</i> , 2017, 3, 636.	7.1	376
18	Gene Ontology Analysis of GWA Study Data Sets Provides Insights into the Biology of Bipolar Disorder. <i>American Journal of Human Genetics</i> , 2009, 85, 13-24.	6.2	367

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19	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. <i>Lancet, The</i> , 2011, 378, 1006-1014.	13.7	345
20	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	27.8	320
21	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2012, 44, 187-192.	21.4	311
22	Common Variants in the Trichohyalin Gene Are Associated with Straight Hair in Europeans. <i>American Journal of Human Genetics</i> , 2009, 85, 750-755.	6.2	230
23	Common variants in TMPRSS6 are associated with iron status and erythrocyte volume. <i>Nature Genetics</i> , 2009, 41, 1173-1175.	21.4	226
24	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	21.4	221
25	A multivariate test of association. <i>Bioinformatics</i> , 2009, 25, 132-133.	4.1	211
26	Point Mutations in Exon 1B of APC Reveal Gastric Adenocarcinoma and Proximal Polyposis of the Stomach as a Familial Adenomatous Polyposis Variant. <i>American Journal of Human Genetics</i> , 2016, 98, 830-842.	6.2	201
27	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1564-1571.	2.9	195
28	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021, 184, 4784-4818.e17.	28.9	188
29	Genetic Architectures of Childhood- and Adult-Onset Asthma Are Partly Distinct. <i>American Journal of Human Genetics</i> , 2019, 104, 665-684.	6.2	183
30	Whole-genome sequencing reveals host factors underlying critical COVID-19. <i>Nature</i> , 2022, 607, 97-103.	27.8	174
31	Genome-wide association study to identify genetic determinants of severe asthma. <i>Thorax</i> , 2012, 67, 762-768.	5.6	169
32	Meta-analysis of genome-wide association data of bipolar disorder and major depressive disorder. <i>Molecular Psychiatry</i> , 2011, 16, 2-4.	7.9	150
33	Meta-analysis identifies seven susceptibility loci involved in the atopic march. <i>Nature Communications</i> , 2015, 6, 8804.	12.8	148
34	A Genomewide Association Study of Response to Lithium for Prevention of Recurrence in Bipolar Disorder. <i>American Journal of Psychiatry</i> , 2009, 166, 718-725.	7.2	145
35	Cardiometabolic effects of genetic upregulation of the interleukin 1 receptor antagonist: a Mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 243-253.	11.4	115
36	Genome-Wide Association Studies of Asthma in Population-Based Cohorts Confirm Known and Suggested Loci and Identify an Additional Association near HLA. <i>PLoS ONE</i> , 2012, 7, e44008.	2.5	111

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37	Common DISC1 Polymorphisms Disrupt Wnt/GSK3 ^β Signaling and Brain Development. <i>Neuron</i> , 2011, 72, 545-558.	8.1	110
38	Genetic variants in LPL, OASL and TOMM40/APOE-C1-C2-C4 genes are associated with multiple cardiovascular-related traits. <i>BMC Medical Genetics</i> , 2011, 12, 123.	2.1	107
39	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018, 50, 1072-1080.	21.4	106
40	Association between ORMDL3, IL1RL1 and a deletion on chromosome 17q21 with asthma risk in Australia. <i>European Journal of Human Genetics</i> , 2011, 19, 458-464.	2.8	105
41	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014, 43, 983-992.	6.7	103
42	Lessons from ten years of genome-wide association studies of asthma. <i>Clinical and Translational Immunology</i> , 2017, 6, e165.	3.8	103
43	Genome-wide analysis provides genetic evidence that ACE2 influences COVID-19 risk and yields risk scores associated with severe disease. <i>Nature Genetics</i> , 2022, 54, 382-392.	21.4	97
44	Genomewide Significant Linkage to Migrainous Headache on Chromosome 5q21. <i>American Journal of Human Genetics</i> , 2005, 77, 500-512.	6.2	93
45	Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. <i>Nature Communications</i> , 2019, 10, 1741.	12.8	90
46	Quantitative Trait Loci for CD4:CD8 Lymphocyte Ratio Are Associated with Risk of Type 1 Diabetes and HIV-1 Immune Control. <i>American Journal of Human Genetics</i> , 2010, 86, 88-92.	6.2	80
47	Safety and efficacy of itepekimab in patients with moderate-to-severe COPD: a genetic association study and randomised, double-blind, phase 2a trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1288-1298.	10.7	75
48	Sequence Variants in Three Loci Influence Monocyte Counts and Erythrocyte Volume. <i>American Journal of Human Genetics</i> , 2009, 85, 745-749.	6.2	73
49	Allergen-induced IL-6 trans-signaling activates Th17 T cells to promote type 2 and type 17 airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1065-1073.	2.9	73
50	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1148-1157.	2.9	72
51	Pan-ancestry exome-wide association analyses of COVID-19 outcomes in 586,157 individuals. <i>American Journal of Human Genetics</i> , 2021, 108, 1350-1355.	6.2	72
52	A gene-based test of association using canonical correlation analysis. <i>Bioinformatics</i> , 2012, 28, 845-850.	4.1	67
53	Meta-analysis of genome-wide linkage studies of asthma and related traits. <i>Respiratory Research</i> , 2008, 9, 38.	3.6	64
54	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 771-781.	2.9	63

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55	An international genome-wide meta-analysis of primary biliary cholangitis: Novel risk loci and candidate drugs. <i>Journal of Hepatology</i> , 2021, 75, 572-581.	3.7	62
56	Genome-wide association study and meta-analysis in multiple populations identifies new loci for peanut allergy and establishes C11orf30/EMSY as a genetic risk factor for food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 991-1001.	2.9	57
57	Meta-analysis of 20 genome-wide linkage studies evidenced new regions linked to asthma and atopy. <i>European Journal of Human Genetics</i> , 2010, 18, 700-706.	2.8	54
58	Eleven loci with new reproducible genetic associations with allergic disease risk. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 691-699.	2.9	49
59	Meta-analysis investigating the role of interleukin-6 mediated inflammation in type 2 diabetes. <i>EBioMedicine</i> , 2020, 61, 103062.	6.1	46
60	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
61	Multivariate genomewide linkage scan of neurocognitive traits and ADHD symptoms: Suggestive linkage to 3q13. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1399-1411.	1.7	43
62	Robust Estimation of Experimentwise P Values Applied to a Genome Scan of Multiple Asthma Traits Identifies a New Region of Significant Linkage on Chromosome 20q13. <i>American Journal of Human Genetics</i> , 2005, 77, 1075-1085.	6.2	42
63	The Contribution of the Functional IL6R Polymorphism rs2228145, eQTLs and Other Genome-Wide SNPs to the Heritability of Plasma sIL-6R Levels. <i>Behavior Genetics</i> , 2014, 44, 368-382.	2.1	40
64	Sex-Limited Genome-Wide Linkage Scan for Body Mass Index in an Unselected Sample of 933 Australian Twin Families. <i>Twin Research and Human Genetics</i> , 2005, 8, 616-632.	0.6	38
65	Temperature dependence of cicada songs (Homoptera, Cicadoidea). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2002, 187, 971-976.	1.6	37
66	Effects of Electronic Cigarettes on Oral Cavity: A Systematic Review. <i>Journal of Evidence-based Dental Practice</i> , 2019, 19, 101318.	1.5	37
67	Multivariate genetic analysis of atopy phenotypes in a selected sample of twins. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1382-1390.	2.9	36
68	A Possible Smoking Susceptibility Locus on Chromosome 11p12: Evidence from Sex-limitation Linkage Analyses in a Sample of Australian Twin Families. <i>Behavior Genetics</i> , 2006, 36, 87-99.	2.1	34
69	Evidence of Genetic Effects on Blood Lead Concentration. <i>Environmental Health Perspectives</i> , 2007, 115, 1224-1230.	6.0	34
70	Targeting the P2Y ₁₃ Receptor Suppresses IL-33 and HMGB1 Release and Ameliorates Experimental Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 300-312.	5.6	33
71	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021, 30, 393-409.	2.9	32
72	Cytokine expression in allergic inflammation: systematic review of <i>in vivo</i> challenge studies. <i>Mediators of Inflammation</i> , 2003, 12, 259-267.	3.0	31

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73	Meta-analysis of heterogeneous data sources for genome-scale identification of risk genes in complex phenotypes. <i>Genetic Epidemiology</i> , 2011, 35, 318-332.	1.3	31
74	Effects of interleukin-6 receptor blockade on allergen-induced airway responses in mild asthmatics. <i>Clinical and Translational Immunology</i> , 2019, 8, e1044.	3.8	28
75	A new regulatory variant in the interleukin-6 receptor gene associates with asthma risk. <i>Genes and Immunity</i> , 2013, 14, 441-446.	4.1	27
76	Age-of-onset information helps identify 76 genetic variants associated with allergic disease. <i>PLoS Genetics</i> , 2020, 16, e1008725.	3.5	27
77	Variance components analyses of multiple asthma traits in a large sample of Australian families ascertained through a twin proband. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 245-253.	5.7	24
78	Is Schizophrenia a Risk Factor for Breast Cancer? Evidence From Genetic Data. <i>Schizophrenia Bulletin</i> , 2019, 45, 1251-1256.	4.3	24
79	RAGE deficiency predisposes mice to virus-induced paucigranulocytic asthma. <i>ELife</i> , 2017, 6, .	6.0	24
80	Sex-limited genome-wide linkage scan for body mass index in an unselected sample of 933 Australian twin families. <i>Twin Research and Human Genetics</i> , 2005, 8, 616-32.	0.6	24
81	Suggestive Linkage of the Child Behavior Checklist Juvenile Bipolar Disorder Phenotype to 1p21, 6p21, and 8q21. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 378-387.	0.5	21
82	A Canadian genome-wide association study and meta-analysis confirm HLA as a risk factor for peanut allergy independent of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1513-1516.	2.9	21
83	Suggestive linkage of the child behavior checklist juvenile bipolar disorder phenotype to 1p21, 6p21, and 8q21. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 378-87.	0.5	21
84	A quantitative genetic analysis of intermediate asthma phenotypes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 427-430.	5.7	20
85	<i>LPAR1</i> and <i>ITGA4</i> regulate peripheral blood monocyte counts. <i>Human Mutation</i> , 2011, 32, 873-876.	2.5	20
86	Long-Range Modulation of <i>PAG1</i> Expression by 8q21 Allergy Risk Variants. <i>American Journal of Human Genetics</i> , 2015, 97, 329-336.	6.2	19
87	Association and interaction analyses of eight genes under asthma linkage peaks. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1623-1628.	5.7	18
88	Rare variant analysis in eczema identifies exonic variants in <i>DUSP1</i> , <i>NOTCH4</i> and <i>SLC9A4</i> . <i>Nature Communications</i> , 2021, 12, 6618.	12.8	17
89	Inflammation in allergic asthma: Initiating events, immunological response and risk factors. <i>Respirology</i> , 2004, 9, 16-24.	2.3	16
90	Th2/Th17 reciprocal regulation: twists and turns in the complexity of asthma phenotypes. <i>Annals of Translational Medicine</i> , 2016, 4, S59-S59.	1.7	16

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91	Ascertainment Through Family History of Disease Often Decreases the Power of Family-based Association Studies. <i>Behavior Genetics</i> , 2007, 37, 631-636.	2.1	15
92	Multivariate eQTL mapping uncovers functional variation on the X-chromosome associated with complex disease traits. <i>Human Genetics</i> , 2016, 135, 827-839.	3.8	14
93	Seroprevalence of anti-SARS-CoV-2 antibodies in a cohort of New York City metro blood donors using multiple SARS-CoV-2 serological assays: Implications for controlling the epidemic and "Reopening". <i>PLoS ONE</i> , 2021, 16, e0250319.	2.5	14
94	ERAP1, ERAP2, and Two Copies of HLA-Aw19 Alleles Increase the Risk for Birdshot Chorioretinopathy in HLA-A29 Carriers. , 2021, 62, 3.		14
95	Genetic and functional evidence links a missense variant in <i>B4GALT1</i> to lower LDL and fibrinogen. <i>Science</i> , 2021, 374, 1221-1227.	12.6	14
96	Sex-Limited Genome-Wide Linkage Scan for Body Mass Index in an Unselected Sample of 933 Australian Twin Families. <i>Twin Research and Human Genetics</i> , 2005, 8, 616-632.	0.6	13
97	Population-scale analysis of common and rare genetic variation associated with hearing loss in adults. <i>Communications Biology</i> , 2022, 5, .	4.4	12
98	Linkage Analysis: Principles and Methods for the Analysis of Human Quantitative Traits. <i>Twin Research and Human Genetics</i> , 2004, 7, 513-530.	1.0	11
99	Characterization of the methylation patterns of <i>MS4A2</i> in atopic cases and controls. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 333-337.	5.7	10
100	Physical activity and incident asthma in adults: the HUNT Study, Norway. <i>BMJ Open</i> , 2016, 6, e013856.	1.9	10
101	No Genetic Overlap Between Circulating Iron Levels and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 85-99.	2.6	10
102	PAG1 limits allergen-induced type 2 inflammation in the murine lung. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 336-345.	5.7	10
103	Beta2 Adrenergic Receptor (ADRB2) Haplotype Pair (2/4) Is Associated with Severe Asthma. <i>PLoS ONE</i> , 2014, 9, e93695.	2.5	9
104	Common polygenic variation contributes to risk of migraine in the Norfolk Island population. <i>Human Genetics</i> , 2015, 134, 1079-1087.	3.8	9
105	Common variants of T-cells contribute differently to phenotypic variation in sarcoidosis. <i>Scientific Reports</i> , 2017, 7, 5623.	3.3	9
106	Accuracy of Inferred APOE Genotypes for a Range of Genotyping Arrays and Imputation Reference Panels. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 49-54.	2.6	9
107	Linkage Analyses of Event-Related Potential Slow Wave Phenotypes Recorded in a Working Memory Task. <i>Behavior Genetics</i> , 2006, 36, 29-44.	2.1	8
108	Early life environmental predictors of asthma age-of-onset. <i>Immunity, Inflammation and Disease</i> , 2014, 2, 141-151.	2.7	8

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109	Sputum cytology during late-phase responses to inhalation challenge with different allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1470-1478.	5.7	8
110	A simple method to localise pleiotropic susceptibility loci using univariate linkage analyses of correlated traits. European Journal of Human Genetics, 2006, 14, 953-962.	2.8	7
111	Identification of <i>STOML2</i> as a putative novel asthma risk gene associated with <i>IL6R</i> . Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1020-1030.	5.7	7
112	Cohort profile: The Childhood Asthma Prevention Study (CAPS). International Journal of Epidemiology, 2018, 47, 1736-1736k.	1.9	7
113	Improving the Power to Detect Risk Variants for Allergic Disease by Defining Case-Control Status Based on Both Asthma and Hay Fever. Twin Research and Human Genetics, 2014, 17, 505-511.	0.6	6
114	Genome-wide association study identifies kallikrein 5 in type 2 inflammation-low asthma. Journal of Allergy and Clinical Immunology, 2022, 150, 972-978.e7.	2.9	5
115	Risks for cold frequency vary by sex: role of asthma, age, TLR7 and leukocyte subsets. European Respiratory Journal, 2020, 56, 1902453.	6.7	4
116	Linkage Analysis: Principles and Methods for the Analysis of Human Quantitative Traits. Twin Research and Human Genetics, 2004, 7, 513-530.	1.0	4
117	GENOVA: Gene Overlap Analysis of GWAS Results. Statistical Applications in Genetics and Molecular Biology, 2012, 11, Article 6.	0.6	2
118	Understanding the Asthma Epidemic: Can Twin Studies Help?. Twin Research and Human Genetics, 2008, 11, 111-111.	0.6	1
119	Suggestive Linkage of the Child Behavior Checklist Juvenile Bipolar Disorder Phenotype to 1p21, 6p21, and 8q21. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 378-387.	0.5	1
120	P3-010: Assessment of genetic overlap between serum iron levels and risk of Alzheimer's disease. , 2015, 11, P623-P623.		0
121	Ten years of genome-wide association studies of immune-related diseases. Clinical and Translational Immunology, 2018, 7, e1022.	3.8	0
122	Exome sequencing of 300,000 individuals implicates target genes for osteoporosis. Bone Reports, 2022, 16, 101185.	0.4	0