

Lisa F Barcellos

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

6,439
citations

87723

38
h-index

71532

76
g-index

84
all docs

84
docs citations

84
times ranked

10538
citing authors

#	ARTICLE	IF	CITATIONS
1	Polygenic risk score association with multiple sclerosis susceptibility and phenotype in Europeans. <i>Brain</i> , 2023, 146, 645-656.	3.7	15
2	Case-control study of adverse childhood experiences and multiple sclerosis risk and clinical outcomes. <i>PLoS ONE</i> , 2022, 17, e0262093.	1.1	6
3	Gene-environment interactions increase the risk of pediatric-onset multiple sclerosis associated with ozone pollution. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1330-1339.	1.4	8
4	Association Between Time Spent Outdoors and Risk of Multiple Sclerosis. <i>Neurology</i> , 2022, 98, .	1.5	12
5	Development and Implementation of Dried Blood Spot-Based COVID-19 Serological Assays for Epidemiologic Studies. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	9
6	Dynamics of Methylation of CpG Sites Associated With Systemic Lupus Erythematosus Subtypes in a Longitudinal Cohort. <i>Arthritis and Rheumatology</i> , 2022, 74, 1676-1686.	2.9	5
7	A validation study for remote testing of cognitive function in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 795-798.	1.4	25
8	Hypomethylation mediates genetic association with the major histocompatibility complex genes in Sjögren's syndrome. <i>PLoS ONE</i> , 2021, 16, e0248429.	1.1	7
9	Gut microbiome is associated with multiple sclerosis activity in children. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1867-1883.	1.7	21
10	Proximal and distal effects of genetic susceptibility to multiple sclerosis on the T cell epigenome. <i>Nature Communications</i> , 2021, 12, 7078.	5.8	15
11	Mother-child histocompatibility and risk of rheumatoid arthritis and systemic lupus erythematosus among mothers. <i>Genes and Immunity</i> , 2020, 21, 27-36.	2.2	1
12	Vitamin D genes influence MS relapses in children. <i>Multiple Sclerosis Journal</i> , 2020, 26, 894-901.	1.4	17
13	Seafood, fatty acid biosynthesis genes, and multiple sclerosis susceptibility. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1476-1485.	1.4	18
14	Pregnancy does not modify the risk of MS in genetically susceptible women. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	3.1	2
15	Global expression and CpG methylation analysis of primary endothelial cells before and after TNF α stimulation reveals gene modules enriched in inflammatory and infectious diseases and associated DMRs. <i>PLoS ONE</i> , 2020, 15, e0230884.	1.1	11
16	Cell-type-specific resolution epigenetics without the need for cell sorting or single-cell biology. <i>Nature Communications</i> , 2019, 10, 3417.	5.8	92
17	Inherited genetic susceptibility to acute lymphoblastic leukemia in Down syndrome. <i>Blood</i> , 2019, 134, 1227-1237.	0.6	37
18	Heritable variation at the chromosome 21 gene ERG is associated with acute lymphoblastic leukemia risk in children with and without Down syndrome. <i>Leukemia</i> , 2019, 33, 2746-2751.	3.3	18

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19	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. <i>Science</i> , 2019, 365, .	6.0	710
20	Admixture mapping reveals evidence of differential multiple sclerosis risk by genetic ancestry. <i>PLoS Genetics</i> , 2019, 15, e1007808.	1.5	48
21	No differential gene expression for CD4+ T cells of MS patients and healthy controls. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019, 5, 205521731985690.	0.5	9
22	mi RNA contributions to pediatric-onset multiple sclerosis inferred from GWAS. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1053-1061.	1.7	10
23	Alloreactive fetal T cells promote uterine contractility in preterm labor via IFN- γ and TNF- α . <i>Science Translational Medicine</i> , 2018, 10, .	5.8	98
24	GWAS in childhood acute lymphoblastic leukemia reveals novel genetic associations at chromosomes 17q12 and 8q24.21. <i>Nature Communications</i> , 2018, 9, 286.	5.8	75
25	Remote assessment of verbal memory in MS patients using the California Verbal Learning Test. <i>Multiple Sclerosis Journal</i> , 2018, 24, 354-357.	1.4	14
26	The multiple sclerosis risk allele within the AHI1 gene is associated with relapses in children and adults. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 19, 161-165.	0.9	15
27	Genetic risk factors for pediatric-onset multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1825-1834.	1.4	37
28	Contribution of dietary intake to relapse rate in early paediatric multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 28-33.	0.9	74
29	Genomewide association study of HLA alloimmunization in previously pregnant blood donors. <i>Transfusion</i> , 2018, 58, 402-412.	0.8	5
30	A germ-line deletion of APOBEC3B does not contribute to subtype-specific childhood acute lymphoblastic leukemia etiology. <i>Haematologica</i> , 2018, 103, e29-e31.	1.7	1
31	Heterogeneity in association of remote herpesvirus infections and pediatric <sc>MS</sc>. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1222-1228.	1.7	25
32	Increased DNA methylation of SLFN12 in CD4+ and CD8+ T cells from multiple sclerosis patients. <i>PLoS ONE</i> , 2018, 13, e0206511.	1.1	37
33	Increased alloreactive and autoreactive antihuman leucocyte antigen antibodies associated with systemic lupus erythematosus and rheumatoid arthritis. <i>Lupus Science and Medicine</i> , 2018, 5, e000278.	1.1	6
34	<i>BMI1</i> enhancer polymorphism underlies chromosome 10p12.31 association with childhood acute lymphoblastic leukemia. <i>International Journal of Cancer</i> , 2018, 143, 2647-2658.	2.3	23
35	Comparison of DNA methylation measured by Illumina 450K and EPIC BeadChips in blood of newborns and 14-year-old children. <i>Epigenetics</i> , 2018, 13, 655-664.	1.3	65
36	Allergies and Childhood Acute Lymphoblastic Leukemia: A Case-Control Study and Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1142-1150.	1.1	5

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37	Vitamin D-Binding Protein Polymorphisms, 25-Hydroxyvitamin D, Sunshine and Multiple Sclerosis. <i>Nutrients</i> , 2018, 10, 184.	1.7	30
38	MS Sunshine Study: Sun Exposure But Not Vitamin D Is Associated with Multiple Sclerosis Risk in Blacks and Hispanics. <i>Nutrients</i> , 2018, 10, 268.	1.7	58
39	To ERV Is Human: A Phenotype-Wide Scan Linking Polymorphic Human Endogenous Retrovirus-K Insertions to Complex Phenotypes. <i>Frontiers in Genetics</i> , 2018, 9, 298.	1.1	26
40	Increased risk of rheumatoid arthritis among mothers with children who carry <i>DRB1</i> risk-associated alleles. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1405-1410.	0.5	16
41	Prenatal phthalate exposure and altered patterns of DNA methylation in cord blood. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 398-410.	0.9	71
42	Human Epistatic Interaction Controls IL7R Splicing and Increases Multiple Sclerosis Risk. <i>Cell</i> , 2017, 169, 72-84.e13.	13.5	83
43	The price of whole-genome sequencing may be decreasing, but who will be sequenced?. <i>Personalized Medicine</i> , 2017, 14, 203-211.	0.8	7
44	Evidence for a causal relationship between low vitamin D, high BMI, and pediatric-onset MS. <i>Neurology</i> , 2017, 88, 1623-1629.	1.5	138
45	Interactions between genetic, lifestyle and environmental risk factors for multiple sclerosis. <i>Nature Reviews Neurology</i> , 2017, 13, 25-36.	4.9	730
46	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , 2017, 26, 4067-4085.	1.4	211
47	Epstein-Barr virus, cytomegalovirus, and multiple sclerosis susceptibility. <i>Neurology</i> , 2017, 89, 1330-1337.	1.5	72
48	Genetic variation in the gene <i>LRP2</i> increases relapse risk in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 864-868.	0.9	21
49	The interaction between smoking and HLA genes in multiple sclerosis: replication and refinement. <i>European Journal of Epidemiology</i> , 2017, 32, 909-919.	2.5	45
50	Causal Effect of Genetic Variants Associated With Body Mass Index on Multiple Sclerosis Susceptibility. <i>American Journal of Epidemiology</i> , 2017, 185, 162-171.	1.6	46
51	A Child's HLA-DRB1 genotype increases maternal risk of systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2016, 74, 201-207.	3.0	12
52	Genome-wide profiling identifies associations between lupus nephritis and differential methylation of genes regulating tissue hypoxia and type 1 interferon responses. <i>Lupus Science and Medicine</i> , 2016, 3, e000183.	1.1	54
53	Dietary salt intake and time to relapse in paediatric multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1350-1353.	0.9	58
54	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	2.6	717

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55	A case-control study of dietary salt intake in pediatric-onset multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 6, 87-92.	0.9	58
56	Mendelian randomization shows a causal effect of low vitamin D on multiple sclerosis risk. <i>Neurology: Genetics</i> , 2016, 2, e97.	0.9	166
57	Hypomethylation within gene promoter regions and type 1 diabetes in discordant monozygotic twins. <i>Journal of Autoimmunity</i> , 2016, 68, 23-29.	3.0	58
58	Genetic predictors of relapse rate in pediatric MS. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1528-1535.	1.4	23
59	Pathway Analysis of Genome-wide Association Study in Childhood Leukemia among Hispanics. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 815-822.	1.1	11
60	The Association of Refractive Error with Glaucoma in a Multiethnic Population. <i>Ophthalmology</i> , 2016, 123, 92-101.	2.5	129
61	Obesity and Multiple Sclerosis Susceptibility: A Review. <i>Journal of Neurology and Neuromedicine</i> , 2016, 1, 1-5.	0.9	58
62	Feasibility study for remote assessment of cognitive function in multiple sclerosis. <i>Journal of Neurology and Neuromedicine</i> , 2016, 1, 10-18.	0.9	17
63	Sex differences in DNA methylation assessed by 450K BeadChip in newborns. <i>BMC Genomics</i> , 2015, 16, 911.	1.2	155
64	Genome-Wide DNA Methylation Profiles Indicate CD8+ T Cell Hypermethylation in Multiple Sclerosis. <i>PLoS ONE</i> , 2015, 10, e0117403.	1.1	88
65	Genome-Wide Assessment of Differential DNA Methylation Associated with Autoantibody Production in Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2015, 10, e0129813.	1.1	51
66	Immune mediated conditions in autism spectrum disorders. <i>Brain, Behavior, and Immunity</i> , 2015, 46, 232-236.	2.0	114
67	New Insights Into the Genetics of Autoimmune Myasthenia Gravis. <i>JAMA Neurology</i> , 2015, 72, 386.	4.5	4
68	Association of Helicobacter Pylori Infection with Iron Deficiency in Asians and Pacific Islanders but not in Caucasians, African Americans, or Hispanics. <i>Blood</i> , 2015, 126, 4556-4556.	0.6	1
69	Interaction between passive smoking and two HLA genes with regard to multiple sclerosis risk. <i>International Journal of Epidemiology</i> , 2014, 43, 1791-1798.	0.9	57
70	Seroprevalence of Aquaporin-4 IgG in a Northern California Population Representative Cohort of Multiple Sclerosis. <i>JAMA Neurology</i> , 2014, 71, 1433.	4.5	73
71	Adverse socioeconomic position during the life course is associated with multiple sclerosis. <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 622-629.	2.0	45
72	Obesity during childhood and adolescence increases susceptibility to multiple sclerosis after accounting for established genetic and environmental risk factors. <i>Obesity Research and Clinical Practice</i> , 2014, 8, e435-e447.	0.8	95

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73	Considerations for normalization of DNA methylation data by Illumina 450K BeadChip assay in population studies. <i>Epigenetics</i> , 2013, 8, 1141-1152.	1.3	60
74	Fine-Mapping the Genetic Association of the Major Histocompatibility Complex in Multiple Sclerosis: HLA and Non-HLA Effects. <i>PLoS Genetics</i> , 2013, 9, e1003926.	1.5	250
75	Celiac Disease: Association with Iron Deficiency in Caucasians but Not in Non-Caucasians.. <i>Blood</i> , 2012, 120, 2095-2095.	0.6	0
76	Male microchimerism in peripheral blood leukocytes from women with multiple sclerosis. <i>Chimerism</i> , 2011, 2, 6-10.	0.7	19
77	Matching on Race and Ethnicity in Case-Control Studies as a Means of Control for Population Stratification. <i>Epidemiology (Sunnyvale, Calif)</i> , 2011, 01, 101.	0.3	9
78	Associations Between Single Nucleotide Polymorphisms in Iron-Related Genes and Iron Status in Multiethnic Populations. <i>Blood</i> , 2011, 118, 2105-2105.	0.6	1
79	High-Density SNP Screening of the Major Histocompatibility Complex in Systemic Lupus Erythematosus Demonstrates Strong Evidence for Independent Susceptibility Regions. <i>PLoS Genetics</i> , 2009, 5, e1000696.	1.5	109
80	Genome-Wide Association Study Identifies Genetic Loci Associated with Iron Deficiency.. <i>Blood</i> , 2009, 114, 4048-4048.	0.6	0
81	Clustering of autoimmune diseases in families with a high-risk for multiple sclerosis: a descriptive study. <i>Lancet Neurology</i> , The, 2006, 5, 924-931.	4.9	194
82	Heterogeneity at the HLA-DRB1 locus and risk for multiple sclerosis. <i>Human Molecular Genetics</i> , 2006, 15, 2813-2824.	1.4	279
83	Mapping Multiple Sclerosis Susceptibility to the HLA-DR Locus in African Americans. <i>American Journal of Human Genetics</i> , 2004, 74, 160-167.	2.6	311
84	Linkage and association analysis of chromosome 19q13 in multiple sclerosis. <i>Neurogenetics</i> , 2001, 3, 195-201.	0.7	33