# Timothy W Behrens

List of Publications by Year
in descending order



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|---|---|---|---|
| 77 papers | 21,334 citations | 30047 54 h-index | 74108 75 g-index |
| 78 all docs | 78 docs citations | 78 times ranked | 24286 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Interferon-inducible gene expression signature in peripheral blood cells of patients with severe lupus. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2610-2615. | 3.3 | 1,978 |
| 2 | Genetics of rheumatoid arthritis contributes to biology and drug discovery. Nature, 2014, 506, 376-381. | 13.7 | 1,974 |
| 3 | A mutation in APP protects against Alzheimerâ€™s disease and age-related cognitive decline. Nature, 2012, 488, 96-99. | 13.7 | 1,442 |
| 4 | Genome-wide association scan in women with systemic lupus erythematosus identifies susceptibility variants in ITGAM, PXK, KIAA1542 and other loci. Nature Genetics, 2008, 40, 204-210. | 9.4 | 1,192 |
| 5 | A meta-analysis of genome-wide association studies identifies 17 new Parkinson's disease risk loci. Nature Genetics, 2017, 49, 1511-1516. | 9.4 | 944 |
| 6 | STAT4and the Risk of Rheumatoid Arthritis and Systemic Lupus Erythematosus. New England Journal of Medicine, 2007, 357, 977-986. | 13.9 | 914 |
| 7 | Association of Systemic Lupus Erythematosus withC8orf13â€“BLKandITGAMâ€“ITGAX. New England Journal of Medicine, 2008, 358, 900-909. | 13.9 | 848 |
| 8 | Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384. | 9.4 | 783 |
| 9 | 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. | 9.4 | 730 |
| 10 | A large-scale replication study identifies TNIP1, PRDM1, JAZF1, UHRF1BP1 and IL10 as risk loci for systemic lupus erythematosus. Nature Genetics, 2009, 41, 1228-1233. | 9.4 | 729 |
| 11 | A common haplotype of interferon regulatory factor 5 (IRF5) regulates splicing and expression and is associated with increased risk of systemic lupus erythematosus. Nature Genetics, 2006, 38, 550-555. | 9.4 | 593 |
| 12 | Genetic Association of the R620W Polymorphism of Protein Tyrosine Phosphatase PTPN22 with Human SLE. American Journal of Human Genetics, 2004, 75, 504-507. | 2.6 | 591 |
| 13 | Genetic variants near TNFAIP3 on 6q23 are associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 1059-1061. | 9.4 | 534 |
| 14 | Delineating the Genetic Basis of Systemic Lupus Erythematosus. Immunity, 2001, 15, 397-408. | 6.6 | 529 |
| 15 | Analysis of Families in the Multiple Autoimmune Disease Genetics Consortium (MADGC) Collection: the PTPN22 620W Allele Associates with Multiple Autoimmune Phenotypes. American Journal of Human Genetics, 2005, 76, 561-571. | 2.6 | 528 |
| 16 | Three functional variants of IFN regulatory factor 5 (IRF5) define risk and protective haplotypes for human lupus. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6758-6763. | 3.3 | 428 |
| 17 | Multiple polymorphisms in the TNFAIP3 region are independently associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 1062-1064. | 9.4 | 400 |
| 18 | Transancestral mapping and genetic load in systemic lupus erythematosus. Nature Communications, 2017, 8, 16021. | 5.8 | 314 |

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|---|---|---|---|
| 19 | Elevated Serum Levels of Interferon-Regulated Chemokines Are Biomarkers for Active Human Systemic Lupus Erythematosus. PLoS Medicine, 2006, 3, e491. | 3.9 | 262 |
| 20 | An Interferon Signature in the Peripheral Blood of Dermatomyositis Patients is Associated with Disease Activity. Molecular Medicine, 2007, 13, 59-68. | 1.9 | 262 |
| 21 | Association of NCF2, IKZF1, IRF8, IFIH1, and TYK2 with Systemic Lupus Erythematosus. PLoS Genetics, 2011, 7, e1002341. | 1.5 | 252 |
| 22 | Interferonâ€regulated chemokines as biomarkers of systemic lupus erythematosus disease activity: A validation study. Arthritis and Rheumatism, 2009, 60, 3098-3107. | 6.7 | 251 |
| 23 | Common variants near FRK/COL10A1 and VEGFA are associated with advanced age-related macular degeneration. Human Molecular Genetics, 2011, 20, 3699-3709. | 1.4 | 232 |
| 24 | Genome Screening in Human Systemic Lupus Erythematosus: Results from a Second Minnesota Cohort and Combined Analyses of 187 Sib-Pair Families. American Journal of Human Genetics, 2000, 66, 547-556. | 2.6 | 213 |
| 25 | The emerging role of interferon in human systemic lupus erythematosus. Current Opinion in Immunology, 2004, 16, 801-807. | 2.4 | 208 |
| 26 | Differential Genetic Associations for Systemic Lupus Erythematosus Based on Antiâ€“dsDNA Autoantibody Production. PLoS Genetics, 2011, 7, e1001323. | 1.5 | 206 |
| 27 | Visualizing Human Leukocyte Antigen Class II Risk Haplotypes in Human Systemic Lupus Erythematosus. American Journal of Human Genetics, 2002, 71, 543-553. | 2.6 | 197 |
| 28 | Polymorphism at the TNF superfamily gene TNFSF4 confers susceptibility to systemic lupus erythematosus. Nature Genetics, 2008, 40, 83-89. | 9.4 | 193 |
| 29 | Dissecting the Genetic Complexity of the Association between Human Leukocyte Antigens and Rheumatoid Arthritis. American Journal of Human Genetics, 2002, 71, 585-594. | 2.6 | 183 |
| 30 | Specificity of the STAT4 Genetic Association for Severe Disease Manifestations of Systemic Lupus Erythematosus. PLoS Genetics, 2008, 4, e1000084. | 1.5 | 180 |
| 31 | Genetics of autoimmune diseases â€" disorders of immune homeostasis. Nature Reviews Genetics, 2006, 7, 917-928. | 7.7 | 176 |
| 32 | Selective IgA Deficiency in Autoimmune Diseases. Molecular Medicine, 2011, 17, 1383-1396. | 1.9 | 159 |
| 33 | Risk Alleles for Systemic Lupus Erythematosus in a Large Case-Control Collection and Associations with Clinical Subphenotypes. PLoS Genetics, 2011, 7, e1001311. | 1.5 | 154 |
| 34 | Specific combinations of HLA-DR2 and DR3 class II haplotypes contribute graded risk for disease susceptibility and autoantibodies in human SLE. European Journal of Human Genetics, 2007, 15, 823-830. | 1.4 | 142 |
| 35 | The genetics of human systemic lupus erythematosus. Current Opinion in Immunology, 1998, 10, 690-696. | 2.4 | 140 |
| 36 | Unraveling Multiple MHC Gene Associations with Systemic Lupus Erythematosus: Model Choice Indicates a Role for HLA Alleles and Non-HLA Genes in Europeans. American Journal of Human Genetics, 2012, 91, 778-793. | 2.6 | 140 |

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|---|---|---|---|
| 37 | Association of IFIH1 and other autoimmunity risk alleles with selective IgA deficiency. Nature Genetics, 2010, 42, 777-780. | 9.4 | 134 |
| 38 | Lupus Nephritis Susceptibility Loci in Women with Systemic Lupus Erythematosus. Journal of the American Society of Nephrology: JASN, 2014, 25, 2859-2870. | 3.0 | 117 |
| 39 | A rare mutation in UNC5C predisposes to late-onset Alzheimer's disease and increases neuronal cell death. Nature Medicine, 2014, 20, 1452-1457. | 15.2 | 116 |
| 40 | Microarray Analyses of Peripheral Blood Cells Identifies Unique Gene Expression Signature in Psoriatic Arthritis. Molecular Medicine, 2005, 11, 21-29. | 1.9 | 113 |
| 41 | The genetics of type I interferon in systemic lupus erythematosus. Current Opinion in Immunology, 2012, 24, 530-537. | 2.4 | 113 |
| 42 | CSK regulatory polymorphism is associated with systemic lupus erythematosus and influences B-cell signaling and activation. Nature Genetics, 2012, 44, 1227-1230. | 9.4 | 110 |
| 43 | High-Density SNP Screening of the Major Histocompatibility Complex in Systemic Lupus Erythematosus Demonstrates Strong Evidence for Independent Susceptibility Regions. PLoS Genetics, 2009, 5, e1000696. | 1.5 | 109 |
| 44 | Association of endogenous antiâ€“interferonâ€Î± autoantibodies with decreased interferonâ€pathway and disease activity in patients with systemic lupus erythematosus. Arthritis and Rheumatism, 2011, 63, 2407-2415. | 6.7 | 105 |
| 45 | Association of the interferon signature metric with serological disease manifestations but not global activity scores in multiple cohorts of patients with SLE. Lupus Science and Medicine, 2015, 2, e000080-e000080. | 1.1 | 103 |
| 46 | Association of IRF5 polymorphisms with systemic lupus erythematosus in a Japanese population: Support for a crucial role of intron 1 polymorphisms. Arthritis and Rheumatism, 2008, 58, 826-834. | 6.7 | 100 |
| 47 | Gene expression profiling in human autoimmunity. Immunological Reviews, 2006, 210, 120-137. | 2.8 | 92 |
| 48 | Genes identified in Asian SLE GWASs are also associated with SLE in Caucasian populations. European Journal of Human Genetics, 2013, 21, 994-999. | 1.4 | 90 |
| 49 | RAC2 loss-of-function mutation in 2 siblings with characteristics of common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2015, 135, 1380-1384.e5. | 1.5 | 89 |
| 50 | Role of STAT4 polymorphisms in systemic lupus erythematosus in a Japanese population: a case-control association study of the STAT1-STAT4 region. Arthritis Research and Therapy, 2008, 10, R113. | 1.6 | 88 |
| 51 | Recent advances in the genetics of systemic lupus erythematosus. Expert Review of Clinical Immunology, 2010, 6, 461-479. | 1.3 | 81 |
| 52 | Association of TNFAIP3 interacting protein 1, TNIP1 with systemic lupus erythematosus in a Japanese population: a case-control association study. Arthritis Research and Therapy, 2010, 12, R174. | 1.6 | 70 |
| 53 | Common variants at PVT1, ATG13â€“AMBRA1, AHI1 and CLEC16A are associated with selective IgA deficiency. Nature Genetics, 2016, 48, 1425-1429. | 9.4 | 67 |
| 54 | Two Functional Lupus-Associated BLK Promoter Variants Control Cell-Type- and Developmental-Stage-Specific Transcription. American Journal of Human Genetics, 2014, 94, 586-598. | 2.6 | 59 |

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|---|---|---|---|
| 55 | A candidate gene study of the type I interferon pathway implicates IKBKE and IL8 as risk loci for SLE. European Journal of Human Genetics, 2011, 19, 479-484. | 1.4 | 58 |
| 56 | Paired Immunoglobulin-like Type 2 Receptor Alpha G78R variant alters ligand binding and confers protection to Alzheimer's disease. PLoS Genetics, 2018, 14, e1007427. | 1.5 | 56 |
| 57 | European genetic ancestry is associated with a decreased risk of lupus nephritis. Arthritis and Rheumatism, 2012, 64, 3374-3382. | 6.7 | 55 |
| 58 | Promiscuous liberation of MHC-class I-binding peptides from the C termini of membrane and soluble proteins in the secretory pathway. European Journal of Immunology, 1998, 28, 1339-1346. | 1.6 | 47 |
| 59 | A Common Variant of IL-6R is Associated with Elevated IL-6 Pathway Activity in Alzheimerâ€™s Disease Brains. Journal of Alzheimer's Disease, 2017, 56, 1037-1054. | 1.2 | 44 |
| 60 | Genetic linkage and transmission disequilibrium of marker haplotypes at chromosome 1q41 in human systemic lupus erythematosus. Arthritis Research, 2001, 3, 299. | 2.0 | 41 |
| 61 | Rarity of the Alzheimer Diseaseâ€“ProtectiveAPPA673T Variant in the United States. JAMA Neurology, 2015, 72, 209. | 4.5 | 41 |
| 62 | The Ox40/Ox40 Ligand Pathway Promotes Pathogenic Th Cell Responses, Plasmablast Accumulation, and Lupus Nephritis in NZB/W F1 Mice. Journal of Immunology, 2017, 199, 1238-1249. | 0.4 | 36 |
| 63 | Personalizing medicine for autoimmune and inflammatory diseases. Nature Immunology, 2013, 14, 106-109. | 7.0 | 35 |
| 64 | European population substructure is associated with mucocutaneous manifestations and autoantibody production in systemic lupus erythematosus. Arthritis and Rheumatism, 2009, 60, 2448-2456. | 6.7 | 27 |
| 65 | LACC1 Regulates TNF and IL-17 in Mouse Models of Arthritis and Inflammation. Journal of Immunology, 2019, 202, 183-193. | 0.4 | 25 |
| 66 | Bcl-x and the regulation of survival in the immune system. Immunologic Research, 1997, 16, 149-160. | 1.3 | 22 |
| 67 | TRAPing a new gene for autoimmunity. Nature Genetics, 2011, 43, 90-91. | 9.4 | 20 |
| 68 | The Use of Microarrays to Study Autoimmunity. Journal of Investigative Dermatology Symposium Proceedings, 2004, 9, 18-22. | 0.8 | 13 |
| 69 | Progress towards Understanding the Genetic Pathogenesis of Systemic Lupus Erythematosus. Novartis Foundation Symposium, 2008, 267, 145-164. | 1.2 | 13 |
| 70 | ADAR and hnRNPC deficiency synergize in activating endogenous dsRNA-induced type I IFN responses. Journal of Experimental Medicine, 2021, 218, . | 4.2 | 11 |
| 71 | Lyp breakdown and autoimmunity. Nature Genetics, 2011, 43, 821-822. | 9.4 | 10 |
| 72 | Using Gene Expression to Improve the Power of Genome-Wide Association Analysis. Human Heredity, 2014, 78, 94-103. | 0.4 | 8 |

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|---|---|---|---|
| 73 | Investigation of the HIN200 Locus in UK SLE Families Identifies Novel Copy Number Variants. Annals of Human Genetics, 2011, 75, 383-397. | 0.3 | 5 |
| 74 | Influence of genetic copy number variants of the human GLUT3 glucose transporter gene SLC2A3 on protein expression, glycolysis and rheumatoid arthritis risk: A genetic replication study. Molecular Genetics and Metabolism Reports, 2019, 19, 100470. | 0.4 | 4 |
| 75 | Promiscuous liberation of MHC-class I-binding peptides from the C termini of membrane and soluble proteins in the secretory pathway. , 1998, 28, 1339. | | 4 |
| 76 | Association ofSTAT4,IRF5andBLKpolymorphisms with severity and outcome in lupus nephritis. Annals of the Rheumatic Diseases, 2012, 71, A55.1-A55. | 0.5 | 1 |
| 77 | geneAttribution: trait agnostic identification of candidate genes associated with noncoding variation. Bioinformatics, 2016, 33, btw698. | 1.8 | 0 |