Timothy J Vyse

List of Publications by Year
in descending order

79 papers	9,513 citations	47006 47 h-index	69250 77 g-index
87 all docs	87 docs citations	87 times ranked	12687 citing authors

#	Article	IF	Citations
1	Complement C4, the Major Histocompatibility Complex, and Autoimmunity. Arthritis and Rheumatology, 2022, 74, 1318-1320.	5.6	4
2	OA13â€ƒComprehensive genetic and functional analyses of Fc gamma receptors explain response to rituximab therapy for autoimmune rheumatic diseases. Rheumatology, 2022, 61, .	1.9	0
3	Nucleolin acts as the receptor for C1QTNF4 and supports C1QTNF4-mediated innate immunity modulation. Journal of Biological Chemistry, 2021, 296, 100513.	3.4	13
4	Identification of susceptibility loci for Takayasu arteritis through a large multi-ancestral genome-wide association study. American Journal of Human Genetics, 2021, 108, 84-99.	6.2	26
5	Identification of 38 novel loci for systemic lupus erythematosus and genetic heterogeneity between ancestral groups. Nature Communications, 2021, 12, 772.	12.8	128
6	Major histocompatibility complex and SLE. , 2021, , 5-24.		0
7	Th1 responses in vivo require cell-specific provision of OX40L dictated by environmental cues. Nature Communications, 2020, 11, 3421.	12.8	13
8	Trans-Ancestral Fine-Mapping and Epigenetic Annotation as Tools to Delineate Functionally Relevant Risk Alleles at IKZF1 and IKZF3 in Systemic Lupus Erythematosus. International Journal of Molecular Sciences, 2020, 21, 8383.	4.1	7
9	Complement genes contribute sex-biased vulnerability in diverse disorders. Nature, 2020, 582, 577-581.	27.8	158
10	Independent Replication on Genome-Wide Association Study Signals Identifies IRF3 as a Novel Locus for Systemic Lupus Erythematosus. Frontiers in Genetics, 2020, 11, 600.	2.3	9
11	Genome-wide assessment of genetic risk for systemic lupus erythematosus and disease severity. Human Molecular Genetics, 2020, 29, 1745-1756.	2.9	53
12	Genetic overlap between autoimmune diseases and nonâ€Hodgkin lymphoma subtypes. Genetic Epidemiology, 2019, 43, 844-863.	1.3	28
13	GWAS for systemic sclerosis identifies multiple risk loci and highlights fibrotic and vasculopathy pathways. Nature Communications, 2019, 10, 4955.	12.8	100
14	Interferon inducible X-linked gene CXorf21 may contribute to sexual dimorphism in Systemic Lupus Erythematosus. Nature Communications, 2019, 10, 2164.	12.8	88
15	A plausibly causal functional lupus-associated risk variant in the STAT1â€“STAT4 locus. Human Molecular Genetics, 2018, 27, 2392-2404.	2.9	34
16	Identification of ST3AGL4, MFHAS1, CSNK2A2 and CD226 as loci associated with systemic lupus erythematosus (SLE) and evaluation of SLE genetics in drug repositioning. Annals of the Rheumatic Diseases, 2018, 77, 1078-1084.	0.9	34
17	De novo mutations implicate novel genes in systemic lupus erythematosus. Human Molecular Genetics, 2018, 27, 421-429.	2.9	52
18	Autoantibodies targeting TLR and SMAD pathways define new subgroups in systemic lupus erythematosus. Journal of Autoimmunity, 2018, 91, 1-12.	6.5	42

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19	Meta-analysis of GWASÂonÂboth Chinese and European populations identifies GPR173 as a novel X chromosome susceptibility gene for SLE. Arthritis Research and Therapy, 2018, 20, 92.	3.5	19
20	Genetic fine mapping of systemic lupus erythematosus MHC associations in Europeans and African Americans. Human Molecular Genetics, 2018, 27, 3813-3824.	2.9	43
21	Tissue-Restricted Adaptive Type 2 Immunity Is Orchestrated by Expression of the Costimulatory Molecule OX40L on Group 2 Innate Lymphoid Cells. Immunity, 2018, 48, 1195-1207.e6.	14.3	191
22	Mapping eQTLs with RNA-seq reveals novel susceptibility genes, non-coding RNAs and alternative-splicing events in systemic lupus erythematosus. Human Molecular Genetics, 2017, 26, ddw417.	2.9	39
23	A combined large-scale meta-analysis identifies COG6 as a novel shared risk locus for rheumatoid arthritis and systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2017, 76, 286-294.	0.9	58
24	Dysregulated CD46 shedding interferes with Th1â€contraction in systemic lupus erythematosus. European Journal of Immunology, 2017, 47, 1200-1210.	2.9	37
25	Genetic advances in systemic lupus erythematosus: an update. Current Opinion in Rheumatology, 2017, 29, 423-433.	4.3	112
26	Large-Scale Identification of Common Trait and Disease Variants Affecting Gene Expression. American Journal of Human Genetics, 2017, 100, 885-894.	6.2	91
27	Multiple signals at the extended 8p23 locus are associated with susceptibility to systemic lupus erythematosus. Journal of Medical Genetics, 2017, 54, 381-389.	3.2	13
28	A Genome-wide Association Study Identifies Risk Alleles in Plasminogen and P4HA2 Associated with Giant Cell Arteritis. American Journal of Human Genetics, 2017, 100, 64-74.	6.2	78
29	Transancestral mapping and genetic load in systemic lupus erythematosus. Nature Communications, 2017, 8, 16021.	12.8	314
30	Tartrateâ€Resistant Acid Phosphatase Deficiency in the Predisposition to Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2017, 69, 131-142.	5.6	47
31	Profiling RNA-Seq at multiple resolutions markedly increases the number of causal eQTLs in autoimmune disease. PLoS Genetics, 2017, 13, e1007071.	3.5	23
32	Identification of a SjÃ¶gren's syndrome susceptibility locus at OAS1 that influences isoform switching, protein expression, and responsiveness to type I interferons. PLoS Genetics, 2017, 13, e1006820.	3.5	60
33	X Chromosome Dose and Sex Bias in Autoimmune Diseases: Increased Prevalence of 47,XXX in Systemic Lupus Erythematosus and SjÃ¶gren's Syndrome. Arthritis and Rheumatology, 2016, 68, 1290-1300.	5.6	114
34	Identification of a Systemic Lupus Erythematosus Risk Locus Spanning ATG16L2, FCHSD2, and P2RY2 in Koreans. Arthritis and Rheumatology, 2016, 68, 1197-1209.	5.6	89
35	Genome-wide association meta-analysis in Chinese and European individuals identifies ten new loci associated with systemic lupus erythematosus. Nature Genetics, 2016, 48, 940-946.	21.4	283
36	Genomeâ€Wide Association Study in an Amerindian Ancestry Population Reveals Novel Systemic Lupus Erythematosus Risk Loci and the Role of European Admixture. Arthritis and Rheumatology, 2016, 68, 932-943.	5.6	138

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37	Superresolution imaging of the cytoplasmic phosphatase PTPN22 links integrin-mediated T cell adhesion with autoimmunity. Science Signaling, 2016, 9, ra99.	3.6	37
38	Identification of a New Susceptibility Locus for Systemic Lupus Erythematosus on Chromosome 12 in Individuals of European Ancestry. Arthritis and Rheumatology, 2016, 68, 174-183.	5.6	30
39	Improved monitoring of clinical response in Systemic Lupus Erythematosus by longitudinal trend in soluble vascular cell adhesion molecule-1. Arthritis Research and Therapy, 2016, 18, 5.	3.5	22
40	Decreased SMG7 expression associates with lupus-risk variants and elevated antinuclear antibody production. Annals of the Rheumatic Diseases, 2016, 75, 2007-2013.	0.9	16
41	Preferential association of a functional variant in complement receptor 2 with antibodies to double-stranded DNA. Annals of the Rheumatic Diseases, 2016, 75, 242-252.	0.9	10
42	Defective removal of ribonucleotides from DNA promotes systemic autoimmunity. Journal of Clinical Investigation, 2015, 125, 413-424.	8.2	190
43	Reduced Fluorescence versus Forward Scatter Time-of-Flight and Increased Peak versus Integral Fluorescence Ratios Indicate Receptor Clustering in Flow Cytometry. Journal of Immunology, 2015, 195, 377-385.	0.8	3
44	UBE2L3 Polymorphism Amplifies NF-ÎºB Activation and Promotes Plasma Cell Development, Linking Linear Ubiquitination to Multiple Autoimmune Diseases. American Journal of Human Genetics, 2015, 96, 221-234.	6.2	84
45	Autophagy is activated in systemic lupus erythematosus and required for plasmablast development. Annals of the Rheumatic Diseases, 2015, 74, 912-920.	0.9	203
46	Lupus risk variants in the PXK locus alter B-cell receptor internalization. Frontiers in Genetics, 2015, 5, 450.	2.3	25
47	Lupus Risk Variant Increases pSTAT1 Binding and Decreases ETS1 Expression. American Journal of Human Genetics, 2015, 96, 731-739.	6.2	36
48	IFN-Â production by plasmacytoid dendritic cell associations with polymorphisms in gene loci related to autoimmune and inflammatory diseases. Human Molecular Genetics, 2015, 24, 3571-3581.	2.9	33
49	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
50	Resequencing the susceptibility gene, ITGAM, identifies two functionally deleterious rare variants in systemic lupus erythematosus cases. Arthritis Research and Therapy, 2014, 16, R114.	3.5	22
51	Preferential Binding to Elk-1 by SLE-Associated IL10 Risk Allele Upregulates IL10 Expression. PLoS Genetics, 2013, 9, e1003870.	3.5	36
52	Admixture Mapping in Lupus Identifies Multiple Functional Variants within IFIH1 Associated with Apoptosis, Inflammation, and Autoantibody Production. PLoS Genetics, 2013, 9, e1003222.	3.5	107
53	MicroRNA-3148 Modulates Allelic Expression of Toll-Like Receptor 7 Variant Associated with Systemic Lupus Erythematosus. PLoS Genetics, 2013, 9, e1003336.	3.5	107
54	ABIN1 Dysfunction as a Genetic Basis for Lupus Nephritis. Journal of the American Society of Nephrology: JASN, 2013, 24, 1743-1754.	6.1	70

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55	A systemic sclerosis and systemic lupus erythematosus pan-meta-GWAS reveals new shared susceptibility loci. Human Molecular Genetics, 2013, 22, 4021-4029.	2.9	104
56	PTPN22 Association in Systemic Lupus Erythematosus (SLE) with Respect to Individual Ancestry and Clinical Sub-Phenotypes. PLoS ONE, 2013, 8, e69404.	2.5	57
57	Analysis of autosomal genes reveals geneâ€“sex interactions and higher total genetic risk in men with systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2012, 71, 694-699.	0.9	87
58	Transancestral mapping of the MHC region in systemic lupus erythematosus identifies new independent and interacting loci at MSH5, HLA-DPB1 and HLA-G. Annals of the Rheumatic Diseases, 2012, 71, 777-784.	0.9	64
59	CSK regulatory polymorphism is associated with systemic lupus erythematosus and influences B-cell signaling and activation. Nature Genetics, 2012, 44, 1227-1230.	21.4	110
60	Thers1143679(R77H) lupus associated variant ofITGAM(CD11b) impairs complement receptor 3 mediated functions in human monocytes. Annals of the Rheumatic Diseases, 2012, 71, 2028-2034.	0.9	70
61	Lupus-associated causal mutation in neutrophil cytosolic factor 2 (NCF2) brings unique insights to the structure and function of NADPH oxidase. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E59-67.	7.1	151
62	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.	6.2	140
63	Evaluation of TRAF6 in a large multiancestral lupus cohort. Arthritis and Rheumatism, 2012, 64, 1960-1969.	6.7	51
64	Genetically Determined Partial Complement C4 Deficiency States Are Not Independent Risk Factors for SLE in UK and Spanish Populations. American Journal of Human Genetics, 2012, 90, 445-456.	6.2	53
65	Association of a functional variant downstream of TNFAIP3 with systemic lupus erythematosus. Nature Genetics, 2011, 43, 253-258.	21.4	242
66	Identification of a Systemic Lupus Erythematosus Susceptibility Locus at 11p13 between PDHX and CD44 in a Multiethnic Study. American Journal of Human Genetics, 2011, 88, 83-91.	6.2	72
67	Genetic analyses of interferon pathway-related genes reveal multiple new loci associated with systemic lupus erythematosus. Arthritis and Rheumatism, 2011, 63, 2049-2057.	6.7	45
68	Identification of novel genetic susceptibility loci in African American lupus patients in a candidate gene association study. Arthritis and Rheumatism, 2011, 63, 3493-3501.	6.7	109
69	A Comprehensive Analysis of Shared Loci between Systemic Lupus Erythematosus (SLE) and Sixteen Autoimmune Diseases Reveals Limited Genetic Overlap. PLoS Genetics, 2011, 7, e1002406.	3.5	148
70	Association of NCF2, IKZF1, IRF8, IFIH1, and TYK2 with Systemic Lupus Erythematosus. PLoS Genetics, 2011, 7, e1002341.	3.5	252
71	Phenotypic associations of genetic susceptibility loci in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2011, 70, 1752-1757.	0.9	110
72	Association of Genetic Variants in Complement Factor H and Factor H-Related Genes with Systemic Lupus Erythematosus Susceptibility. PLoS Genetics, 2011, 7, e1002079.	3.5	181

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73	Mapping of multiple susceptibility variants within the MHC region for 7 immune-mediated diseases. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18680-18685.	7.1	231
74	Highâ€density genotyping of STAT4 reveals multiple haplotypic associations with systemic lupus erythematosus in different racial groups. Arthritis and Rheumatism, 2009, 60, 1085-1095.	6.7	82
75	Genetic variants near TNFAIP3 on 6q23 are associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 1059-1061.	21.4	534
76	A nonsynonymous functional variant in integrin-Î±M (encoded by ITGAM) is associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 152-154.	21.4	277
77	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.	21.4	1,192
78	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.	7.1	428
79	FCGR3B copy number variation is associated with susceptibility to systemic, but not organ-specific, autoimmunity. Nature Genetics, 2007, 39, 721-723.	21.4	421