

# Timothy J Vyse

## List of Publications by Year in descending order

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79  
papers

9,513  
citations

46918

47  
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69108

77  
g-index

87  
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87  
docs citations

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times ranked

12687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complement <i>C4</i> , the Major Histocompatibility Complex, and Autoimmunity. <i>Arthritis and Rheumatology</i> , 2022, 74, 1318-1320.	2.9	4
2	OA13 Comprehensive genetic and functional analyses of Fc gamma receptors explain response to rituximab therapy for autoimmune rheumatic diseases. <i>Rheumatology</i> , 2022, 61, .	0.9	0
3	Nucleolin acts as the receptor for C1QTNF4 and supports C1QTNF4-mediated innate immunity modulation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100513.	1.6	13
4	Identification of susceptibility loci for Takayasu arteritis through a large multi-ancestral genome-wide association study. <i>American Journal of Human Genetics</i> , 2021, 108, 84-99.	2.6	26
5	Identification of 38 novel loci for systemic lupus erythematosus and genetic heterogeneity between ancestral groups. <i>Nature Communications</i> , 2021, 12, 772.	5.8	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. <i>Nature Communications</i> , 2020, 11, 3421.	5.8	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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8383.	1.8	7
9	Complement genes contribute sex-biased vulnerability in diverse disorders. <i>Nature</i> , 2020, 582, 577-581.	13.7	158
10	Independent Replication on Genome-Wide Association Study Signals Identifies IRF3 as a Novel Locus for Systemic Lupus Erythematosus. <i>Frontiers in Genetics</i> , 2020, 11, 600.	1.1	9
11	Genome-wide assessment of genetic risk for systemic lupus erythematosus and disease severity. <i>Human Molecular Genetics</i> , 2020, 29, 1745-1756.	1.4	53
12	Genetic overlap between autoimmune diseases and non-Hodgkin lymphoma subtypes. <i>Genetic Epidemiology</i> , 2019, 43, 844-863.	0.6	28
13	GWAS for systemic sclerosis identifies multiple risk loci and highlights fibrotic and vasculopathy pathways. <i>Nature Communications</i> , 2019, 10, 4955.	5.8	100
14	Interferon inducible X-linked gene CXorf21 may contribute to sexual dimorphism in Systemic Lupus Erythematosus. <i>Nature Communications</i> , 2019, 10, 2164.	5.8	88
15	A plausibly causal functional lupus-associated risk variant in the STAT1-STAT4 locus. <i>Human Molecular Genetics</i> , 2018, 27, 2392-2404.	1.4	34
16	Identification of <i>ST3AGL4</i> , <i>MFHAS1</i> , <i>CSNK2A2</i> and <i>CD226</i> as loci associated with systemic lupus erythematosus (SLE) and evaluation of SLE genetics in drug repositioning. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1078-1084.	0.5	34
17	De novo mutations implicate novel genes in systemic lupus erythematosus. <i>Human Molecular Genetics</i> , 2018, 27, 421-429.	1.4	52
18	Autoantibodies targeting TLR and SMAD pathways define new subgroups in systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2018, 91, 1-12.	3.0	42

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19	Meta-analysis of GWAS on both Chinese and European populations identifies GPR173 as a novel X chromosome susceptibility gene for SLE. <i>Arthritis Research and Therapy</i> , 2018, 20, 92.	1.6	19
20	Genetic fine mapping of systemic lupus erythematosus MHC associations in Europeans and African Americans. <i>Human Molecular Genetics</i> , 2018, 27, 3813-3824.	1.4	43
21	Tissue-Restricted Adaptive Type 2 Immunity Is Orchestrated by Expression of the Costimulatory Molecule OX40L on Group 2 Innate Lymphoid Cells. <i>Immunity</i> , 2018, 48, 1195-1207.e6.	6.6	191
22	Mapping eQTLs with RNA-seq reveals novel susceptibility genes, non-coding RNAs and alternative-splicing events in systemic lupus erythematosus. <i>Human Molecular Genetics</i> , 2017, 26, ddx417.	1.4	39
23	A combined large-scale meta-analysis identifies <i>COG6</i> as a novel shared risk locus for rheumatoid arthritis and systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 286-294.	0.5	58
24	Dysregulated CD46 shedding interferes with Th1 contraction in systemic lupus erythematosus. <i>European Journal of Immunology</i> , 2017, 47, 1200-1210.	1.6	37
25	Genetic advances in systemic lupus erythematosus: an update. <i>Current Opinion in Rheumatology</i> , 2017, 29, 423-433.	2.0	112
26	Large-Scale Identification of Common Trait and Disease Variants Affecting Gene Expression. <i>American Journal of Human Genetics</i> , 2017, 100, 885-894.	2.6	91
27	Multiple signals at the extended 8p23 locus are associated with susceptibility to systemic lupus erythematosus. <i>Journal of Medical Genetics</i> , 2017, 54, 381-389.	1.5	13
28	A Genome-wide Association Study Identifies Risk Alleles in Plasminogen and P4HA2 Associated with Giant Cell Arteritis. <i>American Journal of Human Genetics</i> , 2017, 100, 64-74.	2.6	78
29	Transancestral mapping and genetic load in systemic lupus erythematosus. <i>Nature Communications</i> , 2017, 8, 16021.	5.8	314
30	Tartrate-Resistant Acid Phosphatase Deficiency in the Predisposition to Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2017, 69, 131-142.	2.9	47
31	Profiling RNA-Seq at multiple resolutions markedly increases the number of causal eQTLs in autoimmune disease. <i>PLoS Genetics</i> , 2017, 13, e1007071.	1.5	23
32	Identification of a Sjögren's syndrome susceptibility locus at OAS1 that influences isoform switching, protein expression, and responsiveness to type I interferons. <i>PLoS Genetics</i> , 2017, 13, e1006820.	1.5	60
33	X Chromosome Dose and Sex Bias in Autoimmune Diseases: Increased Prevalence of 47,XXX in Systemic Lupus Erythematosus and Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2016, 68, 1290-1300.	2.9	114
34	Identification of a Systemic Lupus Erythematosus Risk Locus Spanning <i>ATG16L2</i> , <i>FCHSD2</i> , and <i>P2RY2</i> in Koreans. <i>Arthritis and Rheumatology</i> , 2016, 68, 1197-1209.	2.9	89
35	Genome-wide association meta-analysis in Chinese and European individuals identifies ten new loci associated with systemic lupus erythematosus. <i>Nature Genetics</i> , 2016, 48, 940-946.	9.4	283
36	Genome-Wide Association Study in an Amerindian Ancestry Population Reveals Novel Systemic Lupus Erythematosus Risk Loci and the Role of European Admixture. <i>Arthritis and Rheumatology</i> , 2016, 68, 932-943.	2.9	138

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37	Superresolution imaging of the cytoplasmic phosphatase PTPN22 links integrin-mediated T cell adhesion with autoimmunity. <i>Science Signaling</i> , 2016, 9, ra99.	1.6	37
38	Identification of a New Susceptibility Locus for Systemic Lupus Erythematosus on Chromosome 12 in Individuals of European Ancestry. <i>Arthritis and Rheumatology</i> , 2016, 68, 174-183.	2.9	30
39	Improved monitoring of clinical response in Systemic Lupus Erythematosus by longitudinal trend in soluble vascular cell adhesion molecule-1. <i>Arthritis Research and Therapy</i> , 2016, 18, 5.	1.6	22
40	Decreased <i>SMG7</i> expression associates with lupus-risk variants and elevated antinuclear antibody production. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2007-2013.	0.5	16
41	Preferential association of a functional variant in complement receptor 2 with antibodies to double-stranded DNA. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 242-252.	0.5	10
42	Defective removal of ribonucleotides from DNA promotes systemic autoimmunity. <i>Journal of Clinical Investigation</i> , 2015, 125, 413-424.	3.9	190
43	Reduced Fluorescence versus Forward Scatter Time-of-Flight and Increased Peak versus Integral Fluorescence Ratios Indicate Receptor Clustering in Flow Cytometry. <i>Journal of Immunology</i> , 2015, 195, 377-385.	0.4	3
44	UBE2L3 Polymorphism Amplifies NF- $\kappa$ B Activation and Promotes Plasma Cell Development, Linking Linear Ubiquitination to Multiple Autoimmune Diseases. <i>American Journal of Human Genetics</i> , 2015, 96, 221-234.	2.6	84
45	Autophagy is activated in systemic lupus erythematosus and required for plasmablast development. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 912-920.	0.5	203
46	Lupus risk variants in the PXX locus alter B-cell receptor internalization. <i>Frontiers in Genetics</i> , 2015, 5, 450.	1.1	25
47	Lupus Risk Variant Increases pSTAT1 Binding and Decreases ETS1 Expression. <i>American Journal of Human Genetics</i> , 2015, 96, 731-739.	2.6	36
48	IFN- $\alpha$ production by plasmacytoid dendritic cell associations with polymorphisms in gene loci related to autoimmune and inflammatory diseases. <i>Human Molecular Genetics</i> , 2015, 24, 3571-3581.	1.4	33
49	Genetic association analyses implicate aberrant regulation of innate and adaptive immunity genes in the pathogenesis of systemic lupus erythematosus. <i>Nature Genetics</i> , 2015, 47, 1457-1464.	9.4	730
50	Resequencing the susceptibility gene, ITGAM, identifies two functionally deleterious rare variants in systemic lupus erythematosus cases. <i>Arthritis Research and Therapy</i> , 2014, 16, R114.	1.6	22
51	Preferential Binding to Elk-1 by SLE-Associated IL10 Risk Allele Upregulates IL10 Expression. <i>PLoS Genetics</i> , 2013, 9, e1003870.	1.5	36
52	Admixture Mapping in Lupus Identifies Multiple Functional Variants within IFIH1 Associated with Apoptosis, Inflammation, and Autoantibody Production. <i>PLoS Genetics</i> , 2013, 9, e1003222.	1.5	107
53	MicroRNA-3148 Modulates Allelic Expression of Toll-Like Receptor 7 Variant Associated with Systemic Lupus Erythematosus. <i>PLoS Genetics</i> , 2013, 9, e1003336.	1.5	107
54	ABIN1 Dysfunction as a Genetic Basis for Lupus Nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1743-1754.	3.0	70

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55	A systemic sclerosis and systemic lupus erythematosus pan-meta-GWAS reveals new shared susceptibility loci. <i>Human Molecular Genetics</i> , 2013, 22, 4021-4029.	1.4	104
56	PTPN22 Association in Systemic Lupus Erythematosus (SLE) with Respect to Individual Ancestry and Clinical Sub-Phenotypes. <i>PLoS ONE</i> , 2013, 8, e69404.	1.1	57
57	Analysis of autosomal genes reveals gene-sex interactions and higher total genetic risk in men with systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 694-699.	0.5	87
58	Transancestral mapping of the MHC region in systemic lupus erythematosus identifies new independent and interacting loci at <i>MSH5</i> , <i>HLA-DPB1</i> and <i>HLA-G</i> . <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 777-784.	0.5	64
59	CSK regulatory polymorphism is associated with systemic lupus erythematosus and influences B-cell signaling and activation. <i>Nature Genetics</i> , 2012, 44, 1227-1230.	9.4	110
60	The <i>rs1143679</i> (R77H) lupus associated variant of <i>ITGAM</i> (CD11b) impairs complement receptor 3 mediated functions in human monocytes. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 2028-2034.	0.5	70
61	Lupus-associated causal mutation in neutrophil cytosolic factor 2 (NCF2) brings unique insights to the structure and function of NADPH oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E59-67.	3.3	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. <i>American Journal of Human Genetics</i> , 2012, 91, 778-793.	2.6	140
63	Evaluation of <i>TRAF6</i> in a large multiancestral lupus cohort. <i>Arthritis and Rheumatism</i> , 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. <i>American Journal of Human Genetics</i> , 2012, 90, 445-456.	2.6	53
65	Association of a functional variant downstream of <i>TNFAIP3</i> with systemic lupus erythematosus. <i>Nature Genetics</i> , 2011, 43, 253-258.	9.4	242
66	Identification of a Systemic Lupus Erythematosus Susceptibility Locus at 11p13 between <i>PDHX</i> and <i>CD44</i> in a Multiethnic Study. <i>American Journal of Human Genetics</i> , 2011, 88, 83-91.	2.6	72
67	Genetic analyses of interferon pathway-related genes reveal multiple new loci associated with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 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. <i>Arthritis and Rheumatism</i> , 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. <i>PLoS Genetics</i> , 2011, 7, e1002406.	1.5	148
70	Association of <i>NCF2</i> , <i>IKZF1</i> , <i>IRF8</i> , <i>IFIH1</i> , and <i>TYK2</i> with Systemic Lupus Erythematosus. <i>PLoS Genetics</i> , 2011, 7, e1002341.	1.5	252
71	Phenotypic associations of genetic susceptibility loci in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1752-1757.	0.5	110
72	Association of Genetic Variants in Complement Factor H and Factor H-Related Genes with Systemic Lupus Erythematosus Susceptibility. <i>PLoS Genetics</i> , 2011, 7, e1002079.	1.5	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.	3.3	231
74	High-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.	9.4	534
76	A nonsynonymous functional variant in integrin- $\alpha$ M (encoded by ITGAM) is associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 152-154.	9.4	277
77	Genome-wide association scan in women with systemic lupus erythematosus identifies susceptibility variants in ITGAM, PTK, KIAA1542 and other loci. Nature Genetics, 2008, 40, 204-210.	9.4	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.	3.3	428
79	FCGR3B copy number variation is associated with susceptibility to systemic, but not organ-specific, autoimmunity. Nature Genetics, 2007, 39, 721-723.	9.4	421