Chack-Yung Yu

List of Publications by Year
in descending order

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47 papers	3,507 citations	270111 25 h-index	274796 44 g-index
47 all docs	47 docs citations	47 times ranked	5079 citing authors

#	Article	IF	Citations
1	Gene Copy-Number Variation and Associated Polymorphisms of Complement Component C4 in Human Systemic Lupus Erythematosus (SLE): Low Copy Number Is a Risk Factor for and High Copy Number Is a Protective Factor against SLE Susceptibility in European Americans. American Journal of Human Genetics, 2007, 80, 1037-1054.	2.6	411
2	Sex-specific association of X-linked Toll-like receptor 7 (TLR7) with male systemic lupus erythematosus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15838-15843.	3.3	324
3	Long-read sequencing and de novo assembly of a Chinese genome. Nature Communications, 2016, 7, 12065.	5.8	242
4	Urine Chemokines as Biomarkers of Human Systemic Lupus Erythematosus Activity. Journal of the American Society of Nephrology: JASN, 2005, 16, 467-473.	3.0	236
5	Association of Genetic Variants in Complement Factor H and Factor H-Related Genes with Systemic Lupus Erythematosus Susceptibility. PLoS Genetics, 2011, 7, e1002079.	1.5	181
6	Deficiencies of Human Complement Component C4a and C4b and Heterozygosity in Length Variants of RP-C4-CYP21-TNX (Rccx) Modules in Caucasians. Journal of Experimental Medicine, 2000, 191, 2183-2196.	4.2	167
7	Identification of IRF8, TMEM39A, and IKZF3-ZPBP2 as Susceptibility Loci for Systemic Lupus Erythematosus in a Large-Scale Multiracial Replication Study. American Journal of Human Genetics, 2012, 90, 648-660.	2.6	161
8	Modular Variations of the Human Major Histocompatibility Complex Class III Genes for Serine/Threonine Kinase RP, Complement Component C4, Steroid 21-Hydroxylase CYP21, and Tenascin TNX (the RCCX Module). Journal of Biological Chemistry, 1999, 274, 12147-12156.	1.6	150
9	Polymorphism of human complement component C4. Immunogenetics, 1985, 21, 173-180.	1.2	147
10	The dichotomous size variation of human complement C4 genes is mediated by a novel family of endogenous retroviruses, which also establishes species-specific genomic patterns among Old World primates. Immunogenetics, 1994, 40, 425-36.	1.2	140
11	Genetic, structural and functional diversities of human complement components C4A and C4B and their mouse homologues, Slp and C4. International Immunopharmacology, 2001, 1, 365-392.	1.7	137
12	The complex nature of serum C3 and C4 as biomarkers of lupus renal flare. Lupus, 2010, 19, 1272-1280.	0.8	133
13	Plasma, urine, and renal expression of adiponectin in human systemic lupus erythematosus. Kidney International, 2005, 68, 1825-1833.	2.6	130
14	Biomarkers of lupus nephritis determined by serial urine proteomics. Kidney International, 2008, 74, 799-807.	2.6	125
15	Fine mapping of Xq28: bothMECP2 and IRAK1contribute to risk for systemic lupus erythematosus in multiple ancestral groups. Annals of the Rheumatic Diseases, 2013, 72, 437-444.	0.5	97
16	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.	2.6	72
17	Genomic Pathology of SLE-Associated Copy-Number Variation at the FCGR2C/FCGR3B/FCGR2B Locus. American Journal of Human Genetics, 2013, 92, 28-40.	2.6	63
18	The rabbitCD1 and the evolutionary conservation of theCD1 gene family. Immunogenetics, 1989, 30, 370-377.	1.2	59

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19	Effects of Complement C4 Gene Copy Number Variations, Size Dichotomy, and C4A Deficiency on Genetic Risk and Clinical Presentation of Systemic Lupus Erythematosus in East Asian Populations. Arthritis and Rheumatology, 2016, 68, 1442-1453.	2.9	58
20	Complement Components, C3 and C4, and the Metabolic Syndrome. Current Diabetes Reviews, 2018, 15, 44-48.	0.6	50
21	D-Dimer Level and the Risk for Thrombosis in Systemic Lupus Erythematosus. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 1628-1636.	2.2	38
22	Association of PPP2CA polymorphisms with systemic lupus erythematosus susceptibility in multiple ethnic groups. Arthritis and Rheumatism, 2011, 63, 2755-2763.	6.7	36
23	Gene copy-number variations (CNVs) of complement C4 and C4A deficiency in genetic risk and pathogenesis of juvenile dermatomyositis. Annals of the Rheumatic Diseases, 2016, 75, 1599-1606.	0.5	36
24	Random Spot Urine Protein/Creatinine Ratio Is Unreliable for Estimating 24-Hour Proteinuria in Individual Systemic Lupus Erythematosus Nephritis Patients. Nephron Clinical Practice, 2009, 113, c177-c182.	2.3	34
25	Polymorphisms in Î±-Defensinâ€“Encoding DEFA1A3 Associate with Urinary Tract Infection Risk in Children with Vesicoureteral Reflux. Journal of the American Society of Nephrology: JASN, 2016, 27, 3175-3186.	3.0	31
26	Four Systemic Lupus Erythematosus Subgroups, Defined by Autoantibodies Status, Differ Regarding HLAâ€ÐRB1 Genotype Associations and Immunological and Clinical Manifestations. ACR Open Rheumatology, 2022, 4, 27-39.	0.9	25
27	Regulation by phosphorylation of the zinc finger protein KRC that binds the ÂB motif and V(D)J recombination signal sequences. Nucleic Acids Research, 1999, 27, 643-648.	6.5	24
28	Assessment of complement C4 gene copy number using the paralog ratio test. Human Mutation, 2010, 31, 866-874.	1.1	23
29	Muscle MRI at the time of questionable disease flares in Juvenile Dermatomyositis (JDM). Pediatric Rheumatology, 2017, 15, 25.	0.9	23
30	Increased body fat and reduced insulin sensitivity are associated with impaired endothelial function and subendocardial viability in healthy, nonâ€Hispanic white adolescents. Pediatric Diabetes, 2019, 20, 842-848.	1.2	20
31	Opposite Profiles of Complement in Antiphospholipid Syndrome (APS) and Systemic Lupus Erythematosus (SLE) Among Patients With Antiphospholipid Antibodies (aPL). Frontiers in Immunology, 2019, 10, 885.	2.2	20
32	Gene-resolution analysis of DNA copy number variation using oligonucleotide expression microarrays. BMC Genomics, 2007, 8, 111.	1.2	19
33	Association of Smoking Behavior with an Odorant Receptor Allele Telomeric to the Human Major Histocompatibility Complex. Genetic Testing and Molecular Biomarkers, 2008, 12, 481-486.	1.7	13
34	Relationships of complement components C3 and C4 and their genetics to cardiometabolic risk in healthy, non-Hispanic white adolescents. Pediatric Research, 2020, 87, 88-94.	1.1	13
35	Elevated serum complement levels and higher gene copy number of complementC4Bare associated with hypertension and effective response to statin therapy in childhood-onset systemic lupus erythematosus (SLE). Lupus Science and Medicine, 2019, 6, e000333.	1.1	11
36	Human Complement C4B Allotypes and Deficiencies in Selected Cases With Autoimmune Diseases. Frontiers in Immunology, 2021, 12, 739430.	2.2	11

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37	Brief Report: Singleâ€nucleotide polymorphisms in VKORC1 are risk factors for systemic lupus erythematosus in Asians. Arthritis and Rheumatism, 2013, 65, 211-215.	6.7	10
38	An RNA Metabolism and Surveillance Quartet in the Major Histocompatibility Complex. Cells, 2019, 8, 1008.	1.8	9
39	A human CR1-like transcript containing sequence for a binding protein for iC4 is expressed in hematopoietic and fetal lymphoid tissue. Molecular Immunology, 2004, 40, 831-840.	1.0	7
40	An approach to validating criteria for proteinuric flare in systemic lupus erythematosus glomerulonephritis. Arthritis and Rheumatism, 2011, 63, 2031-2037.	6.7	7
41	A case report of complement C4B deficiency in a patient with steroid and IVIG-refractory anti-NMDA receptor encephalitis. BMC Neurology, 2020, 20, 339.	0.8	5
42	A patient with van Maldergem syndrome with endocrine abnormalities, hypogonadotropic hypogonadism, and breast aplasia/hypoplasia. International Journal of Pediatric Endocrinology (Springer), 2017, 2017, 12.	1.6	4
43	Complement inhibitor for therapy of CHAPLE. Nature Immunology, 2021, 22, 106-108.	7.0	3
44	The Influence of an Elastase-Sensitive Complement C5 Variant on Lupus Nephritis and Its Flare. Kidney International Reports, 2021, 6, 2105-2113.	0.4	2
45	Oral glucose tolerance response curve predicts disposition index but not other cardiometabolic risk factors in healthy adolescents. Journal of Pediatric Endocrinology and Metabolism, 2021, 34, 599-605.	0.4	0
46	A Memory of Professor Robert B. Sim, D. Phil. Viruses, 2021, 13, 1569.	1.5	0
47	Largeâ€scale structural variations linked to the NOTCH4 locus of the Human Major Histocompatibility Complex. FASEB Journal, 2013, 27, 971.1.	0.2	0