

# Chack-Yung Yu

## List of Publications by Year in descending order

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47  
papers

3,507  
citations

236925

25  
h-index

243625

44  
g-index

47  
all docs

47  
docs citations

47  
times ranked

4675  
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.	6.2	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.	7.1	324
3	Long-read sequencing and de novo assembly of a Chinese genome. Nature Communications, 2016, 7, 12065.	12.8	242
4	Urine Chemokines as Biomarkers of Human Systemic Lupus Erythematosus Activity. Journal of the American Society of Nephrology: JASN, 2005, 16, 467-473.	6.1	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.	3.5	181
6	Deficiencies of Human Complement Component C4a and C4b and Heterozygosity in Length Variants of <i>RP-C4-CYP21-TNX</i> ( <i>Rccx</i> ) Modules in Caucasians. Journal of Experimental Medicine, 2000, 191, 2183-2196.	8.5	167
7	Identification of IRF8, TMEM39A, and IKZF3-ZBP2 as Susceptibility Loci for Systemic Lupus Erythematosus in a Large-Scale Multiracial Replication Study. American Journal of Human Genetics, 2012, 90, 648-660.	6.2	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.	3.4	150
9	Polymorphism of human complement component C4. Immunogenetics, 1985, 21, 173-180.	2.4	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.	2.4	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.	3.8	137
12	The complex nature of serum C3 and C4 as biomarkers of lupus renal flare. Lupus, 2010, 19, 1272-1280.	1.6	133
13	Plasma, urine, and renal expression of adiponectin in human systemic lupus erythematosus. Kidney International, 2005, 68, 1825-1833.	5.2	130
14	Biomarkers of lupus nephritis determined by serial urine proteomics. Kidney International, 2008, 74, 799-807.	5.2	125
15	Fine mapping of Xq28: both <i>MECP2</i> and <i>IRAK1</i> contribute to risk for systemic lupus erythematosus in multiple ancestral groups. Annals of the Rheumatic Diseases, 2013, 72, 437-444.	0.9	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.	6.2	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.	6.2	63
18	The rabbit CD1 and the evolutionary conservation of the CD1 gene family. Immunogenetics, 1989, 30, 370-377.	2.4	59

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19	Effects of Complement <i>C4</i> Gene Copy Number Variations, Size Dichotomy, and <i>C4A</i> Deficiency on Genetic Risk and Clinical Presentation of Systemic Lupus Erythematosus in East Asian Populations. <i>Arthritis and Rheumatology</i> , 2016, 68, 1442-1453.	5.6	58
20	Complement Components, C3 and C4, and the Metabolic Syndrome. <i>Current Diabetes Reviews</i> , 2018, 15, 44-48.	1.3	50
21	D-Dimer Level and the Risk for Thrombosis in Systemic Lupus Erythematosus. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 1628-1636.	4.5	38
22	Association of <i>PPP2CA</i> polymorphisms with systemic lupus erythematosus susceptibility in multiple ethnic groups. <i>Arthritis and Rheumatism</i> , 2011, 63, 2755-2763.	6.7	36
23	Gene copy-number variations (CNVs) of complement <i>C4</i> and <i>C4A</i> deficiency in genetic risk and pathogenesis of juvenile dermatomyositis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1599-1606.	0.9	36
24	Random Spot Urine Protein/Creatinine Ratio Is Unreliable for Estimating 24-Hour Proteinuria in Individual Systemic Lupus Erythematosus Nephritis Patients. <i>Nephron Clinical Practice</i> , 2009, 113, c177-c182.	2.3	34
25	Polymorphisms in $\pm$ -Defensin-“Encoding DEFA1A3 Associate with Urinary Tract Infection Risk in Children with Vesicoureteral Reflux. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3175-3186.	6.1	31
26	Four Systemic Lupus Erythematosus Subgroups, Defined by Autoantibodies Status, Differ Regarding <i>HLA-DRB1</i> Genotype Associations and Immunological and Clinical Manifestations. <i>ACR Open Rheumatology</i> , 2022, 4, 27-39.	2.1	25
27	Regulation by phosphorylation of the zinc finger protein KRC that binds the $\Lambda$ B motif and V(D)J recombination signal sequences. <i>Nucleic Acids Research</i> , 1999, 27, 643-648.	14.5	24
28	Assessment of complement C4 gene copy number using the paralog ratio test. <i>Human Mutation</i> , 2010, 31, 866-874.	2.5	23
29	Muscle MRI at the time of questionable disease flares in Juvenile Dermatomyositis (JDM). <i>Pediatric Rheumatology</i> , 2017, 15, 25.	2.1	23
30	Increased body fat and reduced insulin sensitivity are associated with impaired endothelial function and subendocardial viability in healthy, non-Hispanic white adolescents. <i>Pediatric Diabetes</i> , 2019, 20, 842-848.	2.9	20
31	Opposite Profiles of Complement in Antiphospholipid Syndrome (APS) and Systemic Lupus Erythematosus (SLE) Among Patients With Antiphospholipid Antibodies (aPL). <i>Frontiers in Immunology</i> , 2019, 10, 885.	4.8	20
32	Gene-resolution analysis of DNA copy number variation using oligonucleotide expression microarrays. <i>BMC Genomics</i> , 2007, 8, 111.	2.8	19
33	Association of Smoking Behavior with an Odorant Receptor Allele Telomeric to the Human Major Histocompatibility Complex. <i>Genetic Testing and Molecular Biomarkers</i> , 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. <i>Pediatric Research</i> , 2020, 87, 88-94.	2.3	13
35	Elevated serum complement levels and higher gene copy number of complement <i>C4B</i> are associated with hypertension and effective response to statin therapy in childhood-onset systemic lupus erythematosus (SLE). <i>Lupus Science and Medicine</i> , 2019, 6, e000333.	2.7	11
36	Human Complement C4B Allotypes and Deficiencies in Selected Cases With Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 739430.	4.8	11

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37	Brief Report: Single-nucleotide polymorphisms in <i>VKORC1</i> are risk factors for systemic lupus erythematosus in Asians. <i>Arthritis and Rheumatism</i> , 2013, 65, 211-215.	6.7	10
38	An RNA Metabolism and Surveillance Quartet in the Major Histocompatibility Complex. <i>Cells</i> , 2019, 8, 1008.	4.1	9
39	A human CR1-like transcript containing sequence for a binding protein for iC4 is expressed in hematopoietic and fetal lymphoid tissue. <i>Molecular Immunology</i> , 2004, 40, 831-840.	2.2	7
40	An approach to validating criteria for proteinuric flare in systemic lupus erythematosus glomerulonephritis. <i>Arthritis and Rheumatism</i> , 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. <i>BMC Neurology</i> , 2020, 20, 339.	1.8	5
42	A patient with van Maldergem syndrome with endocrine abnormalities, hypogonadotropic hypogonadism, and breast aplasia/hypoplasia. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2017, 2017, 12.	1.6	4
43	Complement inhibitor for therapy of CHAPLE. <i>Nature Immunology</i> , 2021, 22, 106-108.	14.5	3
44	The Influence of an Elastase-Sensitive Complement C5 Variant on Lupus Nephritis and Its Flare. <i>Kidney International Reports</i> , 2021, 6, 2105-2113.	0.8	2
45	Oral glucose tolerance response curve predicts disposition index but not other cardiometabolic risk factors in healthy adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2021, 34, 599-605.	0.9	0
46	A Memory of Professor Robert B. Sim, D. Phil. <i>Viruses</i> , 2021, 13, 1569.	3.3	0
47	Large-scale structural variations linked to the NOTCH4 locus of the Human Major Histocompatibility Complex. <i>FASEB Journal</i> , 2013, 27, 971.1.	0.5	0