

Cheng-Lung Ku

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

6,523
citations

147801

31
h-index

149698

56
g-index

60
all docs

60
docs citations

60
times ranked

6678
citing authors

#	ARTICLE	IF	CITATIONS
1	TLR3 Deficiency in Patients with Herpes Simplex Encephalitis. <i>Science</i> , 2007, 317, 1522-1527.	12.6	970
2	Pyogenic Bacterial Infections in Humans with MyD88 Deficiency. <i>Science</i> , 2008, 321, 691-696.	12.6	844
3	Pyogenic Bacterial Infections in Humans with IRAK-4 Deficiency. <i>Science</i> , 2003, 299, 2076-2079.	12.6	820
4	Selective predisposition to bacterial infections in IRAK-4-deficient children: IRAK-4-dependent TLRs are otherwise redundant in protective immunity. <i>Journal of Experimental Medicine</i> , 2007, 204, 2407-2422.	8.5	374
5	Clinical Features and Outcome of Patients With IRAK-4 and MyD88 Deficiency. <i>Medicine (United States)</i> , 2010, 89, 403-425.	1.0	366
6	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, .	11.9	267
7	X-linked susceptibility to mycobacteria is caused by mutations in NEMO impairing CD40-dependent IL-12 production. <i>Journal of Experimental Medicine</i> , 2006, 203, 1745-1759.	8.5	264
8	Human TLR-7-, -8-, and -9-Mediated Induction of IFN- γ and β Is IRAK-4 Dependent and Redundant for Protective Immunity to Viruses. <i>Immunity</i> , 2005, 23, 465-478.	14.3	245
9	Inherited disorders of NF- κ B-mediated immunity in man. <i>Current Opinion in Immunology</i> , 2004, 16, 34-41.	5.5	188
10	Anti-IFN- γ autoantibodies in adults with disseminated nontuberculous mycobacterial infections are associated with HLA-DRB1*16:02 and HLA-DQB1*05:02 and the reactivation of latent varicella-zoster virus infection. <i>Blood</i> , 2013, 121, 1357-1366.	1.4	145
11	Bacillus Calmette GuÃ©rin triggers the IL-12/IFN- γ axis by an IRAK-4- and NEMO-dependent, non-cognate interaction between monocytes, NK, and T α ,lymphocytes. <i>European Journal of Immunology</i> , 2004, 34, 3276-3284.	2.9	133
12	Inherited disorders of human Toll-like receptor signaling: immunological implications. <i>Immunological Reviews</i> , 2005, 203, 10-20.	6.0	129
13	Primary immunodeficiencies associated with pneumococcal disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2003, 3, 451-459.	2.3	128
14	IRAK4 and NEMO mutations in otherwise healthy children with recurrent invasive pneumococcal disease. <i>Journal of Medical Genetics</i> , 2006, 44, 16-23.	3.2	124
15	Clinical manifestations, course, and outcome of patients with neutralizing anti-interferon- γ autoantibodies and disseminated nontuberculous mycobacterial infections. <i>Medicine (United States)</i> , 2016, 95, e3927.	1.0	97
16	The NEMO Mutation Creating the Most-Upstream Premature Stop Codon Is Hypomorphic Because of a Reinitiation of Translation. <i>American Journal of Human Genetics</i> , 2006, 78, 691-701.	6.2	89
17	Inherited human IFN- γ deficiency underlies mycobacterial disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 3158-3171.	8.2	89
18	The expansion of human T-bet ^{high} CD21 ^{low} B cells is T cell dependent. <i>Science Immunology</i> , 2021, 6, eabh0891.	11.9	82

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19	Isolated Congenital Asplenia: A French Nationwide Retrospective Survey of 20 Cases. <i>Journal of Pediatrics</i> , 2011, 158, 142-148.e1.	1.8	74
20	Identification of a major epitope by anti-interferon- $\hat{I}3$ autoantibodies in patients with mycobacterial disease. <i>Nature Medicine</i> , 2016, 22, 994-1001.	30.7	73
21	A Fast Procedure for the Detection of Defects in Toll-like Receptor Signaling. <i>Pediatrics</i> , 2006, 118, 2498-2503.	2.1	71
22	NEMO Mutations in 2 Unrelated Boys With Severe Infections and Conical Teeth. <i>Pediatrics</i> , 2005, 115, e615-e619.	2.1	67
23	Anti-IFN- $\hat{I}3$ autoantibodies are strongly associated with HLA-DR*15:02/16:02 and HLA-DQ*05:01/05:02 across Southeast Asia. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 945-948.e8.	2.9	63
24	Autoantibodies against cytokines: phenocopies of primary immunodeficiencies?. <i>Human Genetics</i> , 2020, 139, 783-794.	3.8	60
25	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	59
26	Anti-IFN- $\hat{I}3$ autoantibodies underlie disseminated <i>Talaromyces marneffei</i> infections. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	56
27	A reduction of unilateral ureteral obstruction-induced renal fibrosis by a therapy combining valsartan with aliskiren. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F929-F941.	2.7	54
28	Disseminated Cryptococcosis Due to Anti-Granulocyte-Macrophage Colony-Stimulating Factor Autoantibodies in the Absence of Pulmonary Alveolar Proteinosis. <i>Journal of Clinical Immunology</i> , 2017, 37, 143-152.	3.8	49
29	Autosomal recessive Interleukin-1 receptor-associated kinase 4 deficiency in fourth-degree relatives. <i>Journal of Pediatrics</i> , 2006, 148, 549-551.	1.8	48
30	Septicemia without Sepsis: Inherited Disorders of Nuclear Factor- κ B-Mediated Inflammation. <i>Clinical Infectious Diseases</i> , 2005, 41, S436-S439.	5.8	45
31	Inherited human IRAK-4 deficiency: an update. <i>Immunologic Research</i> , 2007, 38, 347-352.	2.9	40
32	Anti-interferon- $\hat{I}3$ autoantibody-associated immunodeficiency. <i>Current Opinion in Immunology</i> , 2021, 72, 206-214.	5.5	38
33	Patients with inhibitory and neutralizing auto-antibodies to interferon- $\hat{I}3$ resemble the sporadic adult-onset phenotype of Mendelian Susceptibility to Mycobacterial Disease (MSMD) lacking Bacille Calmette-Guerin (BCG)-induced diseases. <i>Immunobiology</i> , 2013, 218, 762-771.	1.9	35
34	NK Cell-Derived IFN- $\hat{I}3$ Protects against Nontuberculous Mycobacterial Lung Infection. <i>Journal of Immunology</i> , 2018, 201, 1478-1490.	0.8	33
35	Incomplete penetrance for isolated congenital asplenia in humans with mutations in translated and untranslated RPSA exons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8007-E8016.	7.1	31
36	Staphylococcal Pericarditis, and Liver and Paratracheal Abscesses as Presentations in Two New Cases of Interleukin-1 Receptor Associated Kinase 4 Deficiency. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 170-174.	2.0	29

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37	Heritable defects of the human TLR signalling pathways. <i>Journal of Endotoxin Research</i> , 2005, 11, 220-224.	2.5	27
38	Resistin reinforces interferon γ to eliminate hepatitis C virus with fine-tuning from RETN single-nucleotide polymorphisms. <i>Scientific Reports</i> , 2016, 6, 30799.	3.3	24
39	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	21
40	Autosomal-dominant primary immunodeficiencies. <i>Current Opinion in Hematology</i> , 2005, 12, 22-30.	2.5	20
41	Modification of Clearview Tuberculosis (TB) Enzyme-Linked Immunosorbent Assay for TB Patients Not Infected with HIV. <i>Vaccine Journal</i> , 2013, 20, 1479-1482.	3.1	16
42	Successful Unrelated Cord Blood Stem Cell Transplantation in an X-linked Chronic Granulomatous Disease Patient with Disseminated BCG-induced Infection. <i>Pediatrics and Neonatology</i> , 2015, 56, 346-350.	0.9	16
43	Detecting Lesional Granulysin Levels for Rapid Diagnosis of Cytotoxic T lymphocyte-mediated Bullous Skin Disorders. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1327-1337.e3.	3.8	16
44	Infection-induced inflammation from specific inborn errors of immunity to COVID-19. <i>FEBS Journal</i> , 2021, 288, 5021-5041.	4.7	12
45	Disseminated intravascular coagulation in Stevens-Johnson syndrome and toxic epidermal necrolysis. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 1782-1791.	1.2	11
46	Clinicopathological Manifestations and Immune Phenotypes in Adult-Onset Immunodeficiency with Anti-interferon- β Autoantibodies. <i>Journal of Clinical Immunology</i> , 2022, 42, 672-683.	3.8	11
47	The value of time-averaged serum high-sensitivity C-reactive protein in prediction of mortality and dropout in peritoneal dialysis patients. <i>Therapeutics and Clinical Risk Management</i> , 2017, Volume 13, 1009-1021.	2.0	8
48	Disseminated Mycobacterium avium complex infection mimicking malignancy in a patient with anti-IFN- γ autoantibodies: a case report. <i>BMC Infectious Diseases</i> , 2019, 19, 909.	2.9	8
49	Gut microbiome profiles and associated metabolic pathways in patients of adult-onset immunodeficiency with anti-interferon-gamma autoantibodies. <i>Scientific Reports</i> , 2022, 12, .	3.3	8
50	Psoralea corylifolia L. Ameliorates Collagen-Induced Arthritis by Reducing Proinflammatory Cytokines and Upregulating Myeloid-Derived Suppressor Cells. <i>Life</i> , 2021, 11, 587.	2.4	7
51	Life-Threatening Enterovirus 71 Encephalitis in Unrelated Children with Autosomal Dominant TLR3 Deficiency. <i>Journal of Clinical Immunology</i> , 2022, 42, 606-617.	3.8	6
52	Skin Interstitial Fluid and Plasma Multiplex Cytokine Analysis Reveals IFN- γ Signatures and Granzyme B as Useful Biomarker for Activity, Severity and Prognosis Assessment in Vitiligo. <i>Frontiers in Immunology</i> , 2022, 13, 872458.	4.8	6
53	Feasibility of oral tranexamic acid for vitiligo patients with melasma. <i>Dermatologic Therapy</i> , 2021, 34, e15047.	1.7	3
54	Osteolytic lesions resulting from opportunistic infections. <i>Kaohsiung Journal of Medical Sciences</i> , 2017, 33, 365-366.	1.9	2

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55	Pathogenic autoantibodies to IFN- γ act through the impedance of receptor assembly and Fc-mediated response. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	2
56	F.70. Three New Cases of Interleukin-1 Receptor Associated Kinase 4 (IRAK-4) Deficiency with Novel Presentations: Pericarditis, Occult Liver and Paratracheal Abscesses, Novel Gene Mutations and the Utility of the Neutrophil CD62L (L-selectin) Shedding Assay for Screening for this Immunodeficiency. <i>Clinical Immunology</i> , 2008, 127, S66.	3.2	0
57	Development of bionic invasion membrane for the study of multiple sclerosis. , 2016, , .		0