

Janet Chou

List of Publications by Year in descending order

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93
papers

6,056
citations

87888

38
h-index

76900

74
g-index

96
all docs

96
docs citations

96
times ranked

8444
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of Tissue Factor into Developing Thrombi In Vivo Is Dependent upon Microparticle P-Selectin Glycoprotein Ligand 1 and Platelet P-Selectin. <i>Journal of Experimental Medicine</i> , 2003, 197, 1585-1598.	8.5	700
2	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1932-1946.	2.9	344
3	Hematopoietic cell-derived microparticle tissue factor contributes to fibrin formation during thrombus propagation. <i>Blood</i> , 2004, 104, 3190-3197.	1.4	323
4	Distinct clinical and immunological features of SARS-CoV-2-induced multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2020, 130, 5942-5950.	8.2	287
5	Regulatory T-cell deficiency and immune dysregulation, polyendocrinopathy, enteropathy, X-linked-like disorder caused by loss-of-function mutations in LRBA. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 217-227.e9.	2.9	223
6	A missense mutation in TFRC, encoding transferrin receptor 1, causes combined immunodeficiency. <i>Nature Genetics</i> , 2016, 48, 74-78.	21.4	219
7	Spectrum of Phenotypes Associated with Mutations in LRBA. <i>Journal of Clinical Immunology</i> , 2016, 36, 33-45.	3.8	180
8	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. <i>New England Journal of Medicine</i> , 2015, 372, 2409-2422.	27.0	169
9	Filamin A, the Arp2/3 complex, and the morphology and function of cortical actin filaments in human melanoma cells. <i>Journal of Cell Biology</i> , 2001, 155, 511-518.	5.2	167
10	The interferon landscape along the respiratory tract impacts the severity of COVID-19. <i>Cell</i> , 2021, 184, 4953-4968.e16.	28.9	165
11	Broad-spectrum antibodies against self-antigens and cytokines in RAG deficiency. <i>Journal of Clinical Investigation</i> , 2015, 125, 4135-4148.	8.2	159
12	Leukocyte-versus microparticle-mediated tissue factor transfer during arteriolar thrombus development. <i>Journal of Leukocyte Biology</i> , 2005, 78, 1318-1326.	3.3	135
13	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. <i>Science Immunology</i> , 2018, 3, .	11.9	132
14	A homozygous mucosa-associated lymphoid tissue 1 (MALT1) mutation in a family with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 151-158.	2.9	124
15	Defective actin accumulation impairs human natural killer cell function in patients with dedicator of cytokinesis 8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 840-848.	2.9	113
16	Long-term outcomes of 176 patients with X-linked hyper-IgM syndrome treated with or without hematopoietic cell transplantation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1282-1292.	2.9	107
17	Immunology of SARS-CoV-2 infection in children. <i>Nature Immunology</i> , 2022, 23, 177-185.	14.5	102
18	Leucine-rich repeat containing 8A (LRRC8A) is essential for T lymphocyte development and function. <i>Journal of Experimental Medicine</i> , 2014, 211, 929-942.	8.5	95

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19	Uses of Next-Generation Sequencing Technologies for the Diagnosis of Primary Immunodeficiencies. <i>Frontiers in Immunology</i> , 2017, 8, 847.	4.8	95
20	Genotype and functional correlates of disease phenotype in deficiency of adenosine deaminase 2 (DADA2). <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1664-1672.e10.	2.9	95
21	Exaggerated follicular helper T-cell responses in patients with LRBA deficiency caused by failure of CTLA4-mediated regulation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1050-1059.e10.	2.9	93
22	Immune dysregulation and multisystem inflammatory syndrome in children (MIS-C) in individuals with haploinsufficiency of SOCS1. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1194-1200.e1.	2.9	92
23	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1450-1458.	2.9	90
24	Human <i>REL1A</i> haploinsufficiency results in autosomal-dominant chronic mucocutaneous ulceration. <i>Journal of Experimental Medicine</i> , 2017, 214, 1937-1947.	8.5	84
25	Mechanisms underlying genetic susceptibility to multisystem inflammatory syndrome in children (MIS-C). <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 732-738.e1.	2.9	84
26	Characterization of the clinical and immunologic phenotype and management of 157 individuals with 56 distinct heterozygous NFKB1 mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 901-911.	2.9	78
27	NOD2-associated diseases: Bridging innate immunity and autoinflammation. <i>Clinical Immunology</i> , 2010, 134, 251-261.	3.2	76
28	Use of whole exome and genome sequencing in the identification of genetic causes of primary immunodeficiencies. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 623-628.	2.3	65
29	Immunodeficiency and EBV-induced lymphoproliferation caused by 4-1BB deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 574-583.e5.	2.9	63
30	14 Years after Discovery: Clinical Follow-up on 15 Patients with Inducible Co-Stimulator Deficiency. <i>Frontiers in Immunology</i> , 2017, 8, 964.	4.8	57
31	Deficiency of base excision repair enzyme NEIL3 drives increased predisposition to autoimmunity. <i>Journal of Clinical Investigation</i> , 2016, 126, 4219-4236.	8.2	56
32	Diagnostic interpretation of genetic studies in patients with primary immunodeficiency diseases: A working group report of the Primary Immunodeficiency Diseases Committee of the American Academy of Allergy, Asthma & Immunology. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 46-69.	2.9	54
33	A digenic human immunodeficiency characterized by IFNAR1 and IFNGR2 mutations. <i>Journal of Clinical Investigation</i> , 2017, 127, 4415-4420.	8.2	53
34	Hematopoietic stem cell transplantation outcomes for 11 patients with dedicator of cytokinesis 8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 852-859.e3.	2.9	48
35	A novel homozygous mutation in recombination activating gene 2 in 2 relatives with different clinical phenotypes: Omenn syndrome and hyper-IgM syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1414-1416.	2.9	43
36	Combined immunodeficiency with EBV positive B cell lymphoma and epidermodysplasia verruciformis due to a novel homozygous mutation in RASGRP1. <i>Clinical Immunology</i> , 2017, 183, 142-144.	3.2	43

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37	Recurrent viral infections associated with a homozygous CORO1A mutation that disrupts oligomerization and cytoskeletal association. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 879-888.e2.	2.9	41
38	Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56bright NKG2A+++ Cells, and Yet Display Increased Degranulation and Higher Perforin Content. <i>Frontiers in Immunology</i> , 2017, 8, 798.	4.8	41
39	Multisystem inflammation and susceptibility to viral infections in human ZNFX1 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 381-393.	2.9	40
40	An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. <i>Cell</i> , 2022, 185, 614-629.e21.	28.9	40
41	DOCK8 Deficiency Presenting as an IPEX-Like Disorder. <i>Journal of Clinical Immunology</i> , 2017, 37, 811-819.	3.8	39
42	Comprehensive Genetic Results for Primary Immunodeficiency Disorders in a Highly Consanguineous Population. <i>Frontiers in Immunology</i> , 2018, 9, 3146.	4.8	37
43	Leucine-rich repeat containing 8A (LRRC8A) dependent volume-regulated anion channel activity is dispensable for T-cell development and function. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1651-1659.e1.	2.9	36
44	LRRC8 family proteins within lysosomes regulate cellular osmoregulation and enhance cell survival to multiple physiological stresses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29155-29165.	7.1	36
45	Gene hunting in the genomic era: Approaches to diagnostic dilemmas in patients with primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 262-268.	2.9	34
46	Human primary immunodeficiency caused by expression of a kinase-dead p110 β mutant. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 797-799.e2.	2.9	33
47	A novel mutation in FOXP1 resulting in SCID: A case report and literature review. <i>Clinical Immunology</i> , 2014, 155, 30-32.	3.2	32
48	Combined immunodeficiency in a patient with c-Rel deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 606-608.e4.	2.9	32
49	Efficacy and economics of targeted panel versus whole-exome sequencing in 878 patients with suspected primary immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 723-726.	2.9	31
50	Deficient LRRC8A-dependent volume-regulated anion channel activity is associated with male infertility in mice. <i>JCI Insight</i> , 2018, 3, .	5.0	29
51	A novel mutation in ORAI1 presenting with combined immunodeficiency and residual T-cell function. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 479-482.e1.	2.9	28
52	A young girl with severe cerebral fungal infection due to card 9 deficiency. <i>Clinical Immunology</i> , 2018, 191, 21-26.	3.2	27
53	A novel mutation in ICOS presenting as hypogammaglobulinemia with susceptibility to opportunistic pathogens. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 794-797.e1.	2.9	26
54	Presence of hypogammaglobulinemia and abnormal antibody responses in GATA2 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 223-226.	2.9	25

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55	Broad spectrum of autoantibodies in patients with Wiskott-Aldrich syndrome and X-linked thrombocytopenia. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1401-1404.e3.	2.9	25
56	Chronic mucocutaneous candidiasis associated with an SH2 domain gain-of-function mutation that enhances STAT1 phosphorylation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 297-299.	2.9	24
57	Novel biallelic TRNT1 mutations resulting in sideroblastic anemia, combined B and T cell defects, hypogammaglobulinemia, recurrent infections, hypertrophic cardiomyopathy and developmental delay. <i>Clinical Immunology</i> , 2018, 188, 20-22.	3.2	24
58	Lessons in gene hunting: AÂRAG1 mutation presenting with agammaglobulinemia and absence of B cells. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 983-985.e1.	2.9	22
59	Predictors of clinical success in a multidisciplinary model of atopic dermatitis treatment. <i>Allergy and Asthma Proceedings</i> , 2011, 32, 377-383.	2.2	21
60	F-BAR domain only protein 1 (FCHO1) deficiency is a novel cause of combined immune deficiency in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2317-2321.e12.	2.9	21
61	Multisystem Inflammatory-like Syndrome in a Child Following COVID-19 mRNA Vaccination. <i>Vaccines</i> , 2022, 10, 43.	4.4	21
62	Epidermodysplasia verruciformis as a manifestation of ARTEMIS deficiency in a young adult. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 372-375.e4.	2.9	18
63	Combined immunodeficiency due to a mutation in the Î³1 subunit of the coat protein I complex. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	15
64	Autoimmune lymphoproliferative syndrome caused by a homozygous FasL mutation that disrupts FasL assembly. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 324-327.e2.	2.9	13
65	T-cell mitochondrial dysfunction and lymphopenia in DOCK2-deficient patients. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 306-309.e2.	2.9	13
66	Hypomorphic variants in AK2 reveal the contribution of mitochondrial function to B-cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 192-202.	2.9	13
67	Expanding the Nude SCID/CID Phenotype Associated with FOXP1 Homozygous, Compound Heterozygous, or Heterozygous Mutations. <i>Journal of Clinical Immunology</i> , 2021, 41, 756-768.	3.8	13
68	A novel mutation in NCF2 associated with autoimmune disease and a solitary late-onset infection. <i>Clinical Immunology</i> , 2015, 161, 128-130.	3.2	12
69	Combined immunodeficiency due to a homozygous mutation in ORAI1 that deletes the C-terminus that interacts with STIM 1. <i>Clinical Immunology</i> , 2016, 166-167, 100-102.	3.2	11
70	Detection of Sp110 by Flow Cytometry and Application to Screening Patients for Veno-occlusive Disease with Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2017, 37, 707-714.	3.8	11
71	Cernunnos deficiency associated with BCG adenitis and autoimmunity: First case from the national Iranian registry and review of the literature. <i>Clinical Immunology</i> , 2017, 183, 201-206.	3.2	11
72	DNA recombination defects in Kuwait: Clinical, immunologic and genetic profile. <i>Clinical Immunology</i> , 2018, 187, 68-75.	3.2	11

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73	Autoimmunity and immunodeficiency. <i>Current Opinion in Rheumatology</i> , 2020, 32, 168-174.	4.3	10
74	Dysregulation of the cGAS-STING Pathway in Monogenic Autoinflammation and Lupus. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	10
75	A novel disease-causing CD40L mutation reduces expression of CD40 ligand, but preserves CD40 binding capacity. <i>Clinical Immunology</i> , 2014, 153, 288-291.	3.2	9
76	The LRRC8A Mediated "Swell Activated" Chloride Conductance Is Dispensable for Vacuolar Homeostasis in Neutrophils. <i>Frontiers in Pharmacology</i> , 2017, 8, 262.	3.5	9
77	A novel truncating mutation in MYD88 in a patient with BCG adenitis, neutropenia and delayed umbilical cord separation. <i>Clinical Immunology</i> , 2019, 207, 40-42.	3.2	9
78	Thymopoiesis, Alterations in Dendritic Cells and Tregs, and Reduced T Cell Activation in Successful Extracorporeal Photopheresis Treatment of GVHD. <i>Journal of Clinical Immunology</i> , 2021, 41, 1016-1030.	3.8	9
79	A Case of STK4 Deficiency with Complications Evoking Mycobacterial Infection. <i>Journal of Clinical Immunology</i> , 2020, 40, 665-669.	3.8	8
80	ITK deficiency presenting as autoimmune lymphoproliferative syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 743-745.e1.	2.9	8
81	Dysregulated actin dynamics in activated PI3K γ syndrome. <i>Clinical Immunology</i> , 2020, 210, 108311.	3.2	7
82	A novel mutation in the JH4 domain of JAK3 causing severe combined immunodeficiency complicated by vertebral osteomyelitis. <i>Clinical Immunology</i> , 2017, 183, 198-200.	3.2	6
83	Immunologic reconstitution following hematopoietic stem cell transplantation despite lymph node paucity in NF- κ B α -inducing kinase deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1240-1243.e4.	2.9	6
84	Severe combined immunodeficiency caused by inositol-trisphosphate 3-kinase B (ITPKB) deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1696-1699.e6.	2.9	6
85	Combined immunodeficiency with autoimmunity caused by a homozygous missense mutation in inhibitor of nuclear factor κ B kinase alpha (IKK α). <i>Science Immunology</i> , 2021, 6, eabf6723.	11.9	6
86	Atypical phenotype of an old disease or typical phenotype of a new disease: deficiency of adenosine deaminase 2. <i>Turkish Journal of Pediatrics</i> , 2019, 61, 413.	0.6	5
87	Hematopoietic Stem Cell Transplantation Is a Curative Therapy for Transferrin Receptor 1 (TFRC) Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 753-759.e2.	3.8	4
88	Genetic diagnosis of immune dysregulation can lead to targeted therapy for interstitial lung disease: A case series and single center approach. <i>Pediatric Pulmonology</i> , 2022, 57, 1577-1587.	2.0	4
89	Advances in clinical outcomes: What we have learned during the COVID-19 pandemic. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 569-578.	2.9	3
90	Mutations in pyrin masquerading as a primary immunodeficiency. <i>Clinical Immunology</i> , 2016, 171, 65-66.	3.2	2

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91	Rethinking newborn screening for severe combined immunodeficiency: Lessons from an international partnership for patients with primary immunodeficiencies in Pakistan. <i>Clinical Immunology</i> , 2019, 202, 29-32.	3.2	2
92	Orbital Follicular Hyperplasia in Common Variable Immune Deficiency Syndrome. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2013, 29, e160-e162.	0.8	1
93	Acetaminophen Inhibits the Neutrophil Oxidative Burst: Implications for Diagnostic Testing. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 3543-3548.	3.8	0