Takahiro Yasumi

List of Publications by Year
in descending order

103	2,573	186265	223800
papers	citations	28 h-index	46 g-index

108	108	108	4314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High incidence of NLRP3 somatic mosaicism in patients with chronic infantile neurologic, cutaneous, articular syndrome: Results of an international multicenter collaborative study. Arthritis and Rheumatism, 2011, 63, 3625-3632.	6.7	247
2	Aicardi-GoutiÃ¨res Syndrome Is Caused by IFIH1 Mutations. American Journal of Human Genetics, 2014, 95, 121-125.	6.2	175
3	Robust and Highly-Efficient Differentiation of Functional Monocytic Cells from Human Pluripotent Stem Cells under Serum- and Feeder Cell-Free Conditions. PLoS ONE, 2013, 8, e59243.	2.5	114
4	SomaticNLRP3mosaicism in Muckle-Wells syndrome. A genetic mechanism shared by different phenotypes of cryopyrin-associated periodic syndromes. Annals of the Rheumatic Diseases, 2015, 74, 603-610.	0.9	104
5	Flow cytometry-based diagnosis of primary immunodeficiency diseases. Allergology International, 2018, 67, 43-54.	3.3	97
6	X-linked ectodermal dysplasia and immunodeficiency caused by reversion mosaicism of NEMO reveals a critical role for NEMO in human T-cell development and/or survival. Blood, 2004, 103, 4565-4572.	1.4	88
7	Reduced Numbers and Proapoptotic Features of Mucosal-associated Invariant T Cells as a Characteristic Finding in Patients with Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2015, 21, 1529-1540.	1.9	87
8	Natural killer T cells in the lungs of patients with asthma. Journal of Allergy and Clinical Immunology, 2009, 123, 1181-1185.e1.	2.9	72
9	Dominant-negative STAT1 SH2 domain mutations in unrelated patients with mendelian susceptibility to mycobacterial disease. Human Mutation, 2012, 33, 1377-1387.	2.5	71
10	FR901228 induces tumor regression associated with induction of Fas ligand and activation of Fas signaling in human osteosarcoma cells. Oncogene, 2003, 22, 9231-9242.	5.9	66
11	Detection of Base Substitution-Type Somatic Mosaicism of the NLRP3 Gene with >99.9% Statistical Confidence by Massively Parallel Sequencing. DNA Research, 2012, 19, 143-152.	3.4	51
12	Changing Prevalence and Severity of Childhood Allergic Diseases in Kyoto, Japan, from 1996 to 2006. Allergology International, 2009, 58, 543-548.	3.3	49
13	Breastfeeding and the prevalence of allergic diseases in schoolchildren: Does reverse causation matter?. Pediatric Allergy and Immunology, 2010, 21, 60-66.	2.6	40
14	Influence of post-transplant mucosal-associated invariant T cell recovery on the development of acute graft-versus-host disease in allogeneic bone marrow transplantation. International Journal of Hematology, 2018, 108, 66-75.	1.6	39
15	Direct activation of natural killer T cells induces airway hyperreactivity in nonhuman primates. Journal of Allergy and Clinical Immunology, 2008, 121, 1287-1289.	2.9	38
16	Autosomal Dominant Anhidrotic Ectodermal Dysplasia with Immunodeficiency Caused by a Novel NFKBIA Mutation, p.Ser36Tyr, Presents with Mild Ectodermal Dysplasia and Non-Infectious Systemic Inflammation. Journal of Clinical Immunology, 2013, 33, 1165-1174.	3.8	38
17	Rescue of recurrent deep intronic mutation underlying cell typeâ€“dependent quantitative NEMO deficiency. Journal of Clinical Investigation, 2018, 129, 583-597.	8.2	38
18	The CD40-CD40L axis and IFN-Â play critical roles in Langhans giant cell formation. International Immunology, 2012, 24, 5-15.	4.0	36

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19	Heterozygous TREX1 p.Asp18Asn mutation can cause variable neurological symptoms in a family with Aicardi-Goutieres syndrome/familial chilblain lupus. Rheumatology, 2013, 52, 406-408.	1.9	36
20	Tocilizumab modifies clinical and laboratory features of macrophage activation syndrome complicating systemic juvenile idiopathic arthritis. Pediatric Rheumatology, 2020, 18, 2.	2.1	36
21	Subtypes of Familial Hemophagocytic Lymphohistiocytosis in Japan Based on Genetic and Functional Analyses of Cytotoxic T Lymphocytes. PLoS ONE, 2010, 5, e14173.	2.5	35
22	Rapid diagnosis of FHL3 by flow cytometric detection of intraplatelet Munc13-4 protein. Blood, 2011, 118, 1225-1230.	1.4	34
23	Enhanced Chondrogenesis of Induced Pluripotent Stem Cells From Patients With Neonatalâ€Onset Multisystem Inflammatory Disease Occurs via the Caspase 1â€“Independent cAMP/Protein Kinase A/CREB Pathway. Arthritis and Rheumatology, 2015, 67, 302-314.	5.6	34
24	Outcomes in children with hemophagocytic lymphohistiocytosis treated using HLH-2004 protocol in Japan. International Journal of Hematology, 2019, 109, 206-213.	1.6	32
25	A nationwide survey of Aicardi-Goutieres syndrome patients identifies a strong association between dominant TREX1 mutations and chilblain lesions: Japanese cohort study. Rheumatology, 2014, 53, 448-458.	1.9	31
26	Differential Requirement for the CD40-CD154 Costimulatory Pathway during Th Cell Priming by CD8Î±+ and CD8Î±â^' Murine Dendritic Cell Subsets. Journal of Immunology, 2004, 172, 4826-4833.	0.8	30
27	Frequent somatic mosaicism of NEMO in T cells of patients with X-linked anhidrotic ectodermal dysplasia with immunodeficiency. Blood, 2012, 119, 5458-5466.	1.4	30
28	Birth order effect on childhood food allergy. Pediatric Allergy and Immunology, 2012, 23, 250-254.	2.6	30
29	Detailed analysis of Japanese patients with adenosine deaminase 2 deficiency reveals characteristic elevation of type II interferon signature and STAT1 hyperactivation. Journal of Allergy and Clinical Immunology, 2021, 148, 550-562.	2.9	30
30	Reducedâ€intensity conditioning in unrelated donor cord blood transplantation for familial hemophagocytic lymphohistiocytosis. American Journal of Hematology, 2012, 87, 637-639.	4.1	29
31	Laboratory parameters identify familial haemophagocytic lymphohistiocytosis from other forms of paediatric haemophagocytosis. British Journal of Haematology, 2015, 170, 532-538.	2.5	29
32	Down-regulation of CD5 expression on activated CD8+ T cells in familial hemophagocytic lymphohistiocytosis with perforin gene mutations. Human Immunology, 2013, 74, 1579-1585.	2.4	28
33	A Female Patient with Incomplete Hemophagocytic Lymphohistiocytosis Caused by a Heterozygous XIAP Mutation Associated with Non-Random X-Chromosome Inactivation Skewed Towards the Wild-Type XIAP Allele. Journal of Clinical Immunology, 2015, 35, 244-248.	3.8	28
34	Activation of Nonclassical CD1d-Restricted NK T Cells Induces Airway Hyperreactivity in Î²2-Microglobulin-Deficient Mice. Journal of Immunology, 2008, 181, 4560-4569.	0.8	27
35	The Effect of Past Food Avoidance Due to Allergic Symptoms on the Growth of Children at School Age. Allergology International, 2010, 59, 369-374.	3.3	26
36	Exon skipping causes atypical phenotypes associated with a loss-of-function mutation in FLNA by restoring its protein function. European Journal of Human Genetics, 2016, 24, 408-414.	2.8	25

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37	Multiple Reversions of an IL2RG Mutation Restore T cell Function in an X-linked Severe Combined Immunodeficiency Patient. Journal of Clinical Immunology, 2012, 32, 690-697.	3.8	24
38	Clinical features and characteristics of uveitis associated with juvenile idiopathic arthritis in Japan: first report of the pediatric rheumatology association of Japan (PRAJ). Pediatric Rheumatology, 2019, 17, 15.	2.1	23
39	Functional evaluation of the pathological significance of MEFV variants using induced pluripotent stem cellâ€“derived macrophages. Journal of Allergy and Clinical Immunology, 2019, 144, 1438-1441.e12.	2.9	21
40	Successful reducedâ€intensity stem cell transplantation for <scp>GATA</scp>2 deficiency before progression of advanced <scp>MDS</scp>. Pediatric Transplantation, 2016, 20, 333-336.	1.0	20
41	Augmentation of Stimulator of Interferon Genesâ€“Induced Type I Interferon Production in COPA Syndrome. Arthritis and Rheumatology, 2021, 73, 2105-2115.	5.6	19
42	High frequencies of asymptomatic Epstein-Barr virus viremia in affected and unaffected individuals with CTLA4 mutations. Clinical Immunology, 2018, 195, 45-48.	3.2	18
43	National survey of Japanese patients with mevalonate kinase deficiency reveals distinctive genetic and clinical characteristics. Modern Rheumatology, 2019, 29, 181-187.	1.8	18
44	Trapping of CDC42 C-terminal variants in the Golgi drives pyrin inflammasome hyperactivation. Journal of Experimental Medicine, 2022, 219, .	8.5	18
45	Limited Ability of Antigen-Specific Th1 Responses to Inhibit Th2 Cell Development In Vivo. Journal of Immunology, 2005, 174, 1325-1331.	0.8	17
46	A case of early-onset sarcoidosis with a six-base deletion in the NOD2 gene. Rheumatology, 2010, 49, 194-196.	1.9	17
47	Total and Low-Density Lipoprotein Cholesterol Levels are Associated with Atopy in Schoolchildren. Journal of Pediatrics, 2011, 158, 334-336.	1.8	17
48	Accurate clinical genetic testing for autoinflammatory diseases using the next-generation sequencing platform MiSeq. Biochemistry and Biophysics Reports, 2017, 9, 146-152.	1.3	17
49	Fruit intake reduces the onset of respiratory allergic symptoms in schoolchildren. Pediatric Allergy and Immunology, 2017, 28, 793-800.	2.6	17
50	Treatment dilemmas in asymptomatic children with primary hemophagocytic lymphohistiocytosis. Blood, 2018, 132, 2088-2096.	1.4	17
51	Effect of eczema on the association between season of birth and food allergy in <scp>J</scp>apanese children. Pediatrics International, 2013, 55, 7-10.	0.5	16
52	Low-frequency mosaicism in cryopyrin-associated periodic fever syndrome: mosaicism in systemic autoinflammatory diseases. International Immunology, 2019, 31, 649-655.	4.0	16
53	Second Transplantation from HLA 2-Loci-Mismatched Mother for Graft Failure Due to Hemophagocytic Syndrome after Cord Blood Transplantation. International Journal of Hematology, 2004, 80, 467-469.	1.6	15
54	Validation of Classification Criteria of Macrophage Activation Syndrome in Japanese Patients With Systemic Juvenile Idiopathic Arthritis. Arthritis Care and Research, 2018, 70, 1412-1415.	3.4	15

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55	Simple and Sensitive Analysis for Dried Blood Spot Proteins by Sodium Carbonate Precipitation for Clinical Proteomics. Journal of Proteome Research, 2020, 19, 2821-2827.	3.7	14
56	A CD57+ CTL Degranulation Assay Effectively Identifies Familial Hemophagocytic Lymphohistiocytosis Type 3 Patients. Journal of Clinical Immunology, 2017, 37, 92-99.	3.8	13
57	Tricho-hepato-enteric syndrome with novel SKIV2L gene mutations. Medicine (United States), 2017, 96, e8601.	1.0	13
58	Human CTL-based functional analysis shows the reliability of a munc13-4 protein expression assay for FHL3 diagnosis. Blood, 2018, 131, 2016-2025.	1.4	13
59	Rapid Flow Cytometry-Based Assay for the Functional Classification of MEFV Variants. Journal of Clinical Immunology, 2021, 41, 1187-1197.	3.8	13
60	A nationwide survey of common viral infections in childhood among patients with primary immunodeficiency diseases. Journal of Infection, 2016, 73, 358-368.	3.3	12
61	Fever of unknown origin with rashes in early infancy is indicative of adenosine deaminase type 2 deficiency. Scandinavian Journal of Rheumatology, 2018, 47, 170-172.	1.1	12
62	Lipid A Analogue, ONO-4007, Inhibits IgE Response and Antigen-Induced Eosinophilic Recruitment into Airways in BALB/c Mice. International Archives of Allergy and Immunology, 2002, 127, 217-225.	2.1	10
63	Patient with neonatal-onset chronic hepatitis presenting with mevalonate kinase deficiency with a novel MVK gene mutation. Modern Rheumatology, 2011, 21, 641-645.	1.8	10
64	GATA2 mutation underlies hemophagocytic lymphohistiocytosis in an adult with primary cytomegalovirus infection. Journal of Infection and Chemotherapy, 2020, 26, 252-256.	1.7	10
65	Hematopoietic stem cell transplantation with reduced intensity conditioning from a family haploidentical donor in an infant with familial hemophagocytic lymphohistocytosis. International Journal of Hematology, 2011, 94, 285-290.	1.6	9
66	Diagnostic accuracy of endoscopic features of pediatric acute gastrointestinal graftâ€versusâ€host disease. Digestive Endoscopy, 2016, 28, 548-555.	2.3	9
67	Case Report: A Case of Epstein-Barr Virus-Associated Acute Liver Failure Requiring Hematopoietic Cell Transplantation After Emergent Liver Transplantation. Frontiers in Immunology, 2022, 13, 825806.	4.8	9
68	Familial Hemophagocytic Lymphohistiocytosis Presenting as Hydrops Fetalis. AJP Reports, 2015, 05, e022-e024.	0.7	8
69	Helicobacter cinaedi-Associated Refractory Cellulitis in Patients with X-Linked Agammaglobulinemia. Journal of Clinical Immunology, 2020, 40, 1132-1137.	3.8	8
70	Characterization of a large UNC13D gene duplication in a patient with familial hemophagocytic lymphohistiocytosis type 3. Clinical Immunology, 2018, 191, 63-66.	3.2	7
71	Enzyme activity in dried blood spot as a diagnostic tool for adenosine deaminase 2 deficiency. Analytical Biochemistry, 2021, 628, 114292.	2.4	7
72	Gastric ulcer and gastroenteritis caused by Epstein-Barr virus during immunosuppressive therapy for a child with systemic juvenile idiopathic arthritis. Rheumatology, 2012, 51, 2107-2109.	1.9	6

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73	<scp>M</scp>unc13â€4 deficiency with <scp>CD5</scp> downregulation on activated <scp>CD8⁺ T</scp> cells. Pediatrics International, 2014, 56, 605-608.	0.5	6
74	Comprehensive molecular diagnosis of Epsteinâ€“Barr virus-associated lymphoproliferative diseases using next-generation sequencing. International Journal of Hematology, 2018, 108, 319-328.	1.6	6
75	Patient with neonatal-onset chronic hepatitis presenting with mevalonate kinase deficiency with a novel MVK gene mutation. Modern Rheumatology, 2011, 21, 641-645.	1.8	6
76	Sports activities enhance the prevalence of rhinitis symptoms in schoolchildren. Pediatric Allergy and Immunology, 2016, 27, 209-213.	2.6	5
77	Successful Treatment of Transplantation-associated Atypical Hemolytic Uremic Syndrome With Eculizumab. Journal of Pediatric Hematology/Oncology, 2018, 40, e41-e44.	0.6	5
78	Hemophagocytic lymphohistiocytosis with high serum levels of IL-18 and predominant lymphocyte activation in a neonate born to a mother with adult-onset Still's disease. Clinical Immunology, 2017, 180, 95-96.	3.2	4
79	Pyoderma gangrenosum associated with chronic recurrent multifocal osteomyelitis as a possible paradoxical reaction to antiâ€tumor necrosis factorâ€Î± therapy. Journal of Dermatology, 2020, 47, e283-e284.	1.2	4
80	Clinical Courses of IKAROS and CTLA4 Deficiencies: A Systematic Literature Review and Retrospective Longitudinal Study. Frontiers in Immunology, 2021, 12, 784901.	4.8	4
81	Induced Pluripotent Stem Cell-Derived Monocytes/Macrophages in Autoinflammatory Diseases. Frontiers in Immunology, 2022, 13, .	4.8	4
82	A case of fetalâ€onset type 3 familial hemophagocytic lymphohistiocytosis surviving without severe complications after early diagnosis and treatment. Pediatric Blood and Cancer, 2021, 68, e29016.	1.5	3
83	An efficient diagnosis: A patient with Xâ€linked inhibitor of apoptosis protein (XIAP) deficiency in the setting of infantile hemophagocytic lymphohistiocytosis was diagnosed using high serum interleukinâ€18 combined with common laboratory parameters. Pediatric Blood and Cancer, 2022, 69, e29606.	1.5	3
84	Plasma infliximab monitoring contributes to optimize Takayasu arteritis treatment: a case report. Journal of Pharmaceutical Health Care and Sciences, 2019, 5, 9.	1.0	2
85	A Novel Mutation K673R In STAT1 Impaired the STAT1 Signal Transduction In a dominantâ€“ Negative Manner Identified In a Japanese Boy with MSMD. Blood, 2010, 116, 1734-1734.	1.4	2
86	Case Report: A Pediatric Case of Familial Mediterranean Fever Concurrent With Autoimmune Hepatitis. Frontiers in Immunology, 0, 13, .	4.8	2
87	Direct activation of natural killer T cells induces airway hyperreactivity in a non-human primate model of asthma. World Allergy Organization Journal, 2007, &NA;, S8.	3.5	1
88	Lifestyle Risk Factors for Allergic Rhinitis in Schoolchildren: Are Sports Activities a Negative Factor?. Journal of Allergy and Clinical Immunology, 2013, 131, AB112.	2.9	1
89	A novel NLRP3 variant in two unrelated patients with cryopyrin-associated periodic syndrome. Modern Rheumatology Case Reports, 2018, 2, 118-120.	0.7	1
90	RUNX inhibitor suppresses graftâ€versusâ€host disease through targeting RUNXâ€NFATC2 axis. EJHaem, 2021, 2, 449-458.	1.0	1

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91	A sporadic case of CTLA4 haploinsufficiency manifesting as Epsteinâ€“Barr virus-positive diffuse large B-cell lymphoma. Journal of Clinical and Experimental Hematopathology: JCEH, 2021, , .	0.8	1
92	Partial Trisomy 9p with Clinical Symptoms Resembling Interferonopathies. Journal of Clinical Immunology, 2022, 42, 203-205.	3.8	1
93	Understanding the pathophysiology of NOMID arthropathy for drug discovery by iPSCs technology. Pediatric Rheumatology, 2015, 13, P195.	2.1	0
94	Colchicine improved pediatric acute refractory idiopathic pericarditis. Modern Rheumatology Case Reports, 2017, 1, 139-142.	0.7	0
95	Fruit Intake Significantly Reduces the Onset of Allergic Symptoms in Schoolchildren. Journal of Allergy and Clinical Immunology, 2017, 139, AB251.	2.9	0
96	Reply to Walsh et al. European Journal of Human Genetics, 2017, 25, 907-907.	2.8	0
97	AB1050â€…TOCILIZUMAB MODIFIES CLINICAL MANIFESTATIONS AND LABORATORY FEATURES OF SYSTEMIC JUVENILE IDIOPATHIC ARTHRITIS ASSOCIATED MACROPHAGE ACTIVATION SYNDROME. , 2019, , .		0
98	AB1026â€…CLINICAL PRACTICE GUIDANCE FOR THE TRANSITIONAL CARE OF YOUNG PEOPLE WITH JUVENILE-ONSET RHEUMATIC DISORDERS IN JAPAN. , 2019, , .		0
99	Incomplete Presentation of WHIM Syndrome: The Diagnostic Role of Dysmorphic Neutrophils in Bone Marrow. Journal of Pediatric Hematology/Oncology, 2020, 42, 449-450.	0.6	0
100	EBVâ€associated lymphoproliferative disorder in a patient with Xâ€linked severe combined immunodeficiency with multiple reversions of an IL2RG mutation in T cells. EJHaem, 2020, 1, 581-584.	1.0	0
101	Hereditary angioedema with a novel mutation, c.1481G>C, in the SERPING1 gene. Journal of Cutaneous Immunology and Allergy, 2021, 4, 73-74.	0.3	0
102	Primary Hemophagocytic Lymphohistiocytosis. , 2017, , 247-261.		0
103	Novel AP3B1 mutations in a Hermanskyâ€“Pudlak syndrome type2 with neonatal interstitial lung disease. Pediatric Allergy and Immunology, 2022, 33, e13748.	2.6	0