

# Hayato Takahashi

## List of Publications by Year in descending order

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105  
papers

4,935  
citations

186209

28  
h-index

95218

68  
g-index

115  
all docs

115  
docs citations

115  
times ranked

8203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse Targets of the Transcription Factor STAT3 Contribute to T Cell Pathogenicity and Homeostasis. <i>Immunity</i> , 2010, 32, 605-615.	6.6	605
2	Pemphigus. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17026.	18.1	371
3	Early Th1 Cell Differentiation Is Marked by a Tfh Cell-like Transition. <i>Immunity</i> , 2011, 35, 919-931.	6.6	364
4	BACH2 represses effector programs to stabilize Treg-mediated immune homeostasis. <i>Nature</i> , 2013, 498, 506-510.	13.7	332
5	STATs Shape the Active Enhancer Landscape of T Cell Populations. <i>Cell</i> , 2012, 151, 981-993.	13.5	325
6	Discrete Roles of STAT4 and STAT6 Transcription Factors in Tuning Epigenetic Modifications and Transcription during T Helper Cell Differentiation. <i>Immunity</i> , 2010, 32, 840-851.	6.6	290
7	Helper T cell diversity and plasticity. <i>Current Opinion in Immunology</i> , 2012, 24, 297-302.	2.4	267
8	TGF- $\beta$ 2 and retinoic acid induce the microRNA miR-10a, which targets Bcl-6 and constrains the plasticity of helper T cells. <i>Nature Immunology</i> , 2012, 13, 587-595.	7.0	255
9	Interleukin-27 Priming of T Cells Controls IL-17 Production In trans via Induction of the Ligand PD-L1. <i>Immunity</i> , 2012, 36, 1017-1030.	6.6	229
10	Distinct requirements for T-bet in gut innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 2331-2338.	4.2	160
11	A hereditary model of slowly progressive polycystic kidney disease in the mouse.. <i>Journal of the American Society of Nephrology: JASN</i> , 1991, 1, 980-989.	3.0	135
12	Sequelae in 145 patients with drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and systemic symptoms: Survey conducted by the Asian Research Committee on Severe Cutaneous Adverse Reactions (<scp>ASCAR</scp>). <i>Journal of Dermatology</i> , 2015, 42, 276-282.	0.6	97
13	Type I IFN Induces Binding of STAT1 to Bcl6: Divergent Roles of STAT Family Transcription Factors in the T Follicular Helper Cell Genetic Program. <i>Journal of Immunology</i> , 2014, 192, 2156-2166.	0.4	95
14	Desmoglein 3-specific CD4+ T cells induce pemphigus vulgaris and interface dermatitis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3677-3688.	3.9	82
15	Novel System Evaluating In Vivo Pathogenicity of Desmoglein 3-Reactive T Cell Clones Using Murine Pemphigus Vulgaris. <i>Journal of Immunology</i> , 2008, 181, 1526-1535.	0.4	69
16	Primary Deficits in Eustachian Tube Function in Patients With Otitis Media With Effusion. <i>JAMA Otolaryngology</i> , 1989, 115, 581-584.	1.5	63
17	Natural killer cells control a T-helper 1 response in patients with Behçet's disease. <i>Arthritis Research and Therapy</i> , 2010, 12, R80.	1.6	58
18	Unique clinical and serological features of bullous pemphigoid associated with dipeptidyl peptidase-4 inhibitors. <i>British Journal of Dermatology</i> , 2018, 178, 1462-1463.	1.4	57

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19	Serotonergic neurons projecting to hippocampus activate locomotion. <i>Brain Research</i> , 2000, 869, 194-202.	1.1	49
20	Ectopic Expression of Epidermal Antigens Renders the Lung a Target Organ in Paraneoplastic Pemphigus. <i>Journal of Immunology</i> , 2013, 191, 83-90.	0.4	48
21	Langerhans Cells Prevent Autoimmunity via Expansion of Keratinocyte Antigen-Specific Regulatory T Cells. <i>EBioMedicine</i> , 2018, 27, 293-303.	2.7	44
22	Th17 Cells Carrying TCR Recognizing Epidermal Autoantigen Induce Psoriasis-like Skin Inflammation. <i>Journal of Immunology</i> , 2013, 191, 3065-3072.	0.4	43
23	A Single Helper T Cell Clone Is Sufficient to Commit Polyclonal Naive B Cells to Produce Pathogenic IgG in Experimental Pemphigus Vulgaris. <i>Journal of Immunology</i> , 2009, 182, 1740-1745.	0.4	38
24	T Helper Type 2-Biased Natural Killer Cell Phenotype in Patients with Pemphigus Vulgaris. <i>Journal of Investigative Dermatology</i> , 2007, 127, 324-330.	0.3	36
25	Effects of Nicotine and Footshock Stress on Dopamine Release in the Striatum and Nucleus Accumbens. <i>Brain Research Bulletin</i> , 1998, 45, 157-162.	1.4	35
26	Eustachian Tube Compliance in Cleft Palate???A Preliminary Study. <i>Laryngoscope</i> , 1994, 104, 83???86.	1.1	33
27	Computer-Aided Three-Dimensional Reconstruction and Measurement of the Round Window Niche. <i>Laryngoscope</i> , 1989, 99, 505???509.	1.1	32
28	Vancomycin Mediates IgA Autoreactivity inÂDrug-Induced Linear IgA BullousÂDermatosis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1473-1480.	0.3	32
29	A Necessary and Sufficient Condition of Comparability for Using Standardized Mortality Ratio(SMR).. <i>Journal of Epidemiology</i> , 2001, 11, 24-28.	1.1	31
30	The nationwide epidemiological survey of Stevens-Johnson syndrome and toxic epidermal necrolysis in Japan, 2016-2018. <i>Journal of Dermatological Science</i> , 2020, 100, 175-182.	1.0	31
31	MicroRNA-221 and -222 modulate intestinal inflammatory Th17 cell response as negative feedback regulators downstream of interleukin-23. <i>Immunity</i> , 2021, 54, 514-525.e6.	6.6	30
32	Neutrophils initiate and exacerbate Stevens-Johnson syndrome and toxic epidermal necrolysis. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	29
33	Progressive expansion of hypertensive intracerebral hemorrhage by coagulopathy. , 1998, 59, 110-114.		28
34	Targeting inducible costimulator expressed on CXCR5+PD-1+ TH cells suppresses the progression of pemphigus vulgaris. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1070-1079.e8.	1.5	28
35	Automated determination of drugs in serum by liquid chromatography with column-switching. I. Separation of antiepileptic drugs and metabolites.. <i>Clinical Chemistry</i> , 1988, 34, 141-144.	1.5	25
36	Discrepant distribution of big endothelin (ET)-1 and ET receptors in the pulmonary artery. <i>European Respiratory Journal</i> , 2001, 18, 5-14.	3.1	23

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37	Mechanism of impaired growth hormone secretion in patients with Cushing's disease. <i>European Journal of Endocrinology</i> , 1992, 127, 13-17.	1.9	21
38	Extracellular serotonin in the striatum increased after immobilization stress only in the nighttime. <i>Behavioural Brain Research</i> , 1998, 91, 185-191.	1.2	19
39	Expression of nerve growth factor-induced type 1 plasminogen activator inhibitor (PAI-1) mRNA is inhibited by genistein and wortmannin. <i>NeuroReport</i> , 2000, 11, 1111-1115.	0.6	19
40	<i>In Vivo</i> Effect of Lipopolysaccharide on Alveolar and Peritoneal Macrophages of Rats: Superoxide Anion Generation and 5-Lipoxygenase Metabolism of Arachidonic Acid. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993, 8, 291-298.	1.4	18
41	A case of drug-induced hypersensitivity syndrome showing transient immunosuppression before viral reactivation during treatment for pemphigus foliaceus. <i>Clinical and Experimental Dermatology</i> , 2006, 31, 33-35.	0.6	18
42	Unexpected recalcitrant course of drug-induced erythema multiforme-like eruption and interstitial pneumonia sequentially occurring after nivolumab therapy. <i>Journal of Dermatology</i> , 2017, 44, 818-821.	0.6	16
43	Basement membrane zone IgE deposition is associated with bullous pemphigoid disease severity and treatment results. <i>British Journal of Dermatology</i> , 2020, 182, 1221-1227.	1.4	16
44	Clearance Function of Eustachian Tube and Negative Middle Ear Pressure. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1992, 101, 759-762.	0.6	15
45	Middle Ear Pressures of Children with Otitis Media with Effusion. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1991, 100, 469-471.	0.6	13
46	The pathogenesises of pemphigus and pemphigoid diseases. <i>Journal of Dermatological Science</i> , 2021, 104, 154-163.	1.0	13
47	Bone blood flow after spinal paralysis in the rat. <i>Journal of Orthopaedic Research</i> , 1990, 8, 393-400.	1.2	12
48	ROR $\gamma$ t antagonist suppresses M3 muscarinic acetylcholine receptor-induced Sjögren's syndrome-like sialadenitis. <i>Clinical and Experimental Immunology</i> , 2017, 187, 213-224.	1.1	12
49	Measurement of somatostatin release in rat brain by microdialysis. <i>Journal of Neuroscience Methods</i> , 1994, 52, 33-38.	1.3	11
50	Dissociation of systemic and hippocampal modulation of rat locomotor activity by 5-HT <sub>2C</sub> receptors. <i>Neuroscience Research</i> , 2001, 40, 97-103.	1.0	11
51	Azathioprine monotherapy in autoimmune blistering diseases: A feasible option for mild to moderate cases. <i>Journal of Dermatology</i> , 2018, 45, 334-339.	0.6	11
52	Autoimmunity and immunological tolerance in autoimmune bullous diseases. <i>International Immunology</i> , 2019, 31, 431-437.	1.8	11
53	Peripheral tolerance by Treg via constraining OX40 signal in autoreactive T cells against desmoglein 3, a target antigen in pemphigus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2026763118.	3.3	11
54	Immunohistological study on the distribution of $\alpha$ 1-antichymotrypsin in Alzheimer's brain, compared to $\beta$ 2-amyloid precursor protein and $\beta$ 2-amyloid protein. <i>Journal of the Neurological Sciences</i> , 1990, 99, 301-310.	0.3	10

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55	Parallel fluctuation of anti-desmoglein 3 and anti-BP180 autoantibody titres in a patient with bullous pemphigoid. <i>Clinical and Experimental Dermatology</i> , 2004, 29, 608-611.	0.6	10
56	Squamous cell carcinoma originating in the parotid gland: MRI features with histopathological correlation. <i>Clinical Radiology</i> , 2014, 69, 41-44.	0.5	10
57	Risk of Stevens-Johnson syndrome and toxic epidermal necrolysis associated with anticonvulsants in a Japanese population: Matched case-control and cohort studies. <i>Allergology International</i> , 2021, 70, 335-342.	1.4	10
58	Effects of estrogen on cell growth and fibroblast growth factor receptor induction in MtT/Se cells. <i>Endocrine Research</i> , 1997, 23, 95-104.	0.6	9
59	Risk of Progression to Autoimmune Disease in Severe Drug Eruption: Risk Factors and the Factor-Guided Stratification. <i>Journal of Investigative Dermatology</i> , 2022, 142, 960-968.e9.	0.3	9
60	THE PERCUTANEOUS ABSORPTION OF SALICYLIC ACID. <i>Journal of Dermatology</i> , 1976, 3, 135-138.	0.6	8
61	cDNA microarray analysis identifies NR4A2 as a novel molecule involved in the pathogenesis of Sjögren's syndrome. <i>Clinical and Experimental Immunology</i> , 2017, 190, 96-109.	1.1	8
62	Case of lamotrigine-induced drug adverse reaction under tocilizumab treatment with clinical and virological features of drug-induced hypersensitivity syndrome. <i>Journal of Dermatology</i> , 2018, 45, 738-741.	0.6	8
63	Study on hydrophilic properties of gelatin as a clinical wound dressing. II. Water-absorbing property and hemostatic effect of gelatin. <i>The Tokushima Journal of Experimental Medicine</i> , 1993, 40, 169-75.	0.1	8
64	Experimental conditions for the development of persistent otitis media with effusion. <i>European Archives of Oto-Rhino-Laryngology</i> , 1990, 247, 89-92.	0.8	7
65	Viscosity of Effusion in the Middle Ear and Eustachian Tube in Patients with Otitis Media with Effusion. <i>Auris Nasus Larynx</i> , 1990, 17, 11-16.	0.5	7
66	Genetic characterization of human Dsg3-specific B cells isolated by flow cytometry from the peripheral blood of patients with pemphigus vulgaris. <i>Journal of Dermatological Science</i> , 2008, 52, 98-107.	1.0	7
67	Desmoglein 3-Reactive B Cells Hide in Pemphigus Lesions. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2255-2257.	0.3	7
68	Development of an electronic medical record-based algorithm to identify patients with Stevens-Johnson syndrome and toxic epidermal necrolysis in Japan. <i>PLoS ONE</i> , 2019, 14, e0221130.	1.1	7
69	Successful treatment with secukinumab of three psoriatic patients undergoing dialysis. <i>Journal of Dermatology</i> , 2020, 47, e26-e28.	0.6	7
70	Cholesterol 25-hydroxylase is a metabolic switch to constrain T cell-mediated inflammation in the skin. <i>Science Immunology</i> , 2021, 6, eabb6444.	5.6	7
71	Autoimmune and inflammatory diseases occur in cases of drug-induced hypersensitivity syndrome but not in suspected cases. <i>Journal of Dermatology</i> , 2021, 48, e45-e46.	0.6	6
72	Previous exposure to footshock stress attenuates nicotine-induced serotonin release in rat striatum during the subsequent stress. <i>Brain Research Bulletin</i> , 2000, 52, 285-290.	1.4	5

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73	Nonpigmenting fixed drug eruption with mixed features of acute generalized exanthematous pustulosis induced by pseudoephedrine: a case report. <i>Contact Dermatitis</i> , 2017, 77, 123-126.	0.8	5
74	Regulatory T-cell deficiency and autoimmune skin disease: Beyond the scurfy mouse and immune dysregulation, polyendocrinopathy, enteropathy, X-linked syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1754-1756.	1.5	5
75	Case of lymphoplasmacytic plaque in children: Analysis of the distribution of infiltrating immune cells. <i>Journal of Dermatology</i> , 2016, 43, 1368-1370.	0.6	4
76	Distinct phenotype of epidermolysis bullosa simplex with infantile migratory circinate erythema due to frameshift mutations in the V2 domain of <i>KRT5</i> . <i>Journal of the European Academy of Dermatology and Venereology</i> , 2017, 31, e241-e243.	1.3	4
77	Imiquimod-induced dermatitis impairs thymic tolerance of autoreactive CD4+ T cells to desmoglein 3. <i>Journal of Dermatological Science</i> , 2020, 100, 166-174.	1.0	4
78	Successful treatment of a patient with adult food allergy and severe asthma using omalizumab. <i>Asia Pacific Allergy</i> , 2021, 11, e27.	0.6	4
79	Study on hydrophilic properties of gelatin as a clinical wound dressing. I. Hydrophilic properties of gelatin as a wound dressing. <i>The Tokushima Journal of Experimental Medicine</i> , 1993, 40, 159-67.	0.1	4
80	In vitro effects of ethanol on the synthesis of ester-forms of riboflavin in the sciatic nerve tissue of rats. <i>Neurochemical Research</i> , 1987, 12, 1099-1100.	1.6	3
81	Urticaria due to natto (fermented soybeans). <i>Clinical and Experimental Dermatology</i> , 2021, 46, 932-934.	0.6	3
82	Diagnostic utility of the basophil activation test in natto-induced hypersensitivity. <i>Allergology International</i> , 2022, 71, 125-130.	1.4	3
83	IgM to IgG Class Switching Is a Necessary Step for Pemphigus Phenotype Induction in Desmoglein 3-Specific B Cell Receptor Knock-in Mouse. <i>Journal of Immunology</i> , 2022, 208, 582-593.	0.4	3
84	Severe graft-versus-host disease-like enterocolitis accompanied with cytomegalovirus reactivation in drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and systemic symptoms. <i>Journal of Dermatology</i> , 2022, , .	0.6	3
85	Magnetic resonance imaging can reveal fascial vasculitis in a patient with microscopic polyangiitis. <i>Scandinavian Journal of Rheumatology</i> , 2015, 44, 511-513.	0.6	2
86	Influence of radiologic expertise in detecting lung tumors on chest radiographs. <i>Diagnostic and Interventional Imaging</i> , 2019, 100, 95-107.	1.8	2
87	Eosinophilic pustular folliculitis with palmoplantar lesions and nail deformity. <i>Journal of Dermatology</i> , 2020, 47, e357-e359.	0.6	2
88	Humanized NOD/SCID/IL2r <sup>3</sup> null mice exhibit functionally augmented human regulatory T cells associated with enzymatic up-regulation of H3K27me3 in comparison with humans. <i>Clinical and Experimental Immunology</i> , 2021, 204, 239-250.	1.1	2
89	Severe drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and systemic symptoms in a 1-month-old infant with trisomy 21. <i>Journal of Dermatology</i> , 2021, 48, E496-E497.	0.6	2
90	A case of middle lobe syndrome occurring in two sisters. <i>The Japanese Journal of Surgery</i> , 1990, 20, 597-601.	0.2	1

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91	Studies On Neuronal Activity In The Monkey Motor Areas As Possible Sources Of Control Commands For FES (1). , 0, , .		1
92	Immune response involving the bulge region in addition to telogen conversion contributes to hair loss in a case of atypical drug-induced hypersensitivity syndrome. <i>Journal of Dermatology</i> , 2013, 40, 928-929.	0.6	1
93	Authors' reply: Paraneoplastic autoimmune multiorgan syndrome and paraneoplastic pemphigus describe the same spectrum of disease pathology. <i>Nature Reviews Disease Primers</i> , 2018, 4, 18013.	18.1	1
94	Binaural Fusion Test with Band-pass Filters. <i>Audiology</i> , 1964, 7, 29-34.	0.0	1
95	Intravenous Ig Regulates Anti-Desmoglein 3 IgG Production in B220 Antibody-Producing Cells in Mice with Pemphigus Vulgaris. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1786-1792.e3.	0.3	1
96	Markedly elevated cell turnover is characteristic of small, deeply invasive carcinomas of the colorectum. <i>Cancer</i> , 1999, 85, 796-802.	2.0	1
97	Risk factors for sepsis and effects of pretreatment with systemic steroid therapy for underlying condition in SJS/TEN patients: Results of a nationwide cross-sectional survey in 489 Japanese patients. <i>Journal of Dermatological Science</i> , 2022, 107, 75-81.	1.0	1
98	Change of Ovarian Function with Age. <i>Nippon Naibunpi Gakkai Zasshi</i> , 1969, 45, 715-722,686.	0.0	0
99	Prediction of the intended movements by analysis of neuronal activity in the monkey motor areas &#x2014; Studies on possible sources of FES control commands. , 1992, , .		0
100	The Cost Effectiveness Analysis of Electrocardiogram Screening Program for Prevention of Sudden Cardiac Death in Japan.. <i>International Journal of Epidemiology</i> , 2015, 44, i207-i207.	0.9	0
101	Gamma-delta T cell large granular lymphocyte leukaemia with multiple cutaneous nodules that showed spontaneous regression. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, e134-e137.	1.3	0
102	Simultaneous detection of mouse Foxp3 and cytosolic fluorescent protein by a modified intracellular staining protocol. <i>Journal of Dermatological Science</i> , 2021, 101, 147-149.	1.0	0
103	Recent Advancement of Drug-Induced Hypersensitivity Syndrome. <i>Nishinohon Journal of Dermatology</i> , 2021, 83, 295-300.	0.0	0
104	Formation of ester-forms of riboflavin in the nervous tissues of rats. <i>International Journal for Vitamin and Nutrition Research</i> , 1987, 57, 453.	0.6	0
105	Ca <sup>2+</sup> mobilization during cell death induction by sodium 5, 6-benzylidene-L-ascorbate. <i>Anticancer Research</i> , 1996, 16, 2629-34.	0.5	0