Yutaka Takahashi

List of Publications by Year
in descending order

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120 papers	3,593 citations	147801 31 h-index	155660 55 g-index
123 all docs	123 docs citations	123 times ranked	4411 citing authors

#	Article	IF	Citations
1	Consensus on diagnosis and management of Cushing's disease: a guideline update. Lancet Diabetes and Endocrinology,the, 2021, 9, 847-875.	11.4	315
2	Chemerin enhances insulin signaling and potentiates insulinâ€stimulated glucose uptake in 3T3â€L1 adipocytes. FEBS Letters, 2008, 582, 573-578.	2.8	246
3	SOCS3: an essential regulator of LIF receptor signaling in trophoblast giant cell differentiation. EMBO Journal, 2003, 22, 372-384.	7.8	183
4	Growth Hormone Reverses Nonalcoholic Steatohepatitis in a Patient With Adult Growth Hormone Deficiency. Gastroenterology, 2007, 132, 938-943.	1.3	143
5	The Role of Growth Hormone and Insulin-Like Growth Factor-I in the Liver. International Journal of Molecular Sciences, 2017, 18, 1447.	4.1	138
6	Nonalcoholic fatty liver disease in adult hypopituitary patients with GH deficiency and the impact of GH replacement therapy. European Journal of Endocrinology, 2012, 167, 67-74.	3.7	135
7	Chemerin regulates Î²-cell function in mice. Scientific Reports, 2011, 1, 123.	3.3	120
8	The prevalence of IgG4-related hypophysitis in 170 consecutive patients with hypopituitarism and/or central diabetes insipidus and review of the literature. European Journal of Endocrinology, 2014, 170, 161-172.	3.7	109
9	IGF-I induces senescence of hepatic stellate cells and limits fibrosis in a p53-dependent manner. Scientific Reports, 2016, 6, 34605.	3.3	108
10	Branched-chain amino acids and arginine suppress MaFbx/atrogin-1 mRNA expression via mTOR pathway in C2C12 cell line. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 1115-1120.	2.4	91
11	Adult combined GH, prolactin, and TSH deficiency associated with circulating PIT-1 antibody in humans. Journal of Clinical Investigation, 2011, 121, 113-119.	8.2	82
12	Reactive Oxygen Species Play an Essential Role in IGF-I Signaling and IGF-I-Induced Myocyte Hypertrophy in C2C12 Myocytes. Endocrinology, 2011, 152, 912-921.	2.8	77
13	Branched-chain amino acids reduce hindlimb suspension-induced muscle atrophy and protein levels of atrogin-1 and MuRF1 in rats. Nutrition Research, 2012, 32, 676-683.	2.9	75
14	Essential roles of growth hormone (GH) and insulin-like growth factor-I (IGF-I) in the liver [Review]. Endocrine Journal, 2012, 59, 955-962.	1.6	74
15	Branchedâ€chain amino acids protect against dexamethasoneâ€induced soleus muscle atrophy in rats. Muscle and Nerve, 2010, 41, 819-827.	2.2	73
16	SIRT1 regulates adaptive response of the growth hormone–insulin-like growth factor-I axis under fasting conditions in liver. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14948-14953.	7.1	65
17	GH-independent IGF-I action is essential to prevent the development of nonalcoholic steatohepatitis in a GH-deficient rat model. Biochemical and Biophysical Research Communications, 2012, 423, 295-300.	2.1	63
18	Long-term effects of growth hormone replacement therapy on liver function in adult patients with growth hormone deficiency. Growth Hormone and IGF Research, 2014, 24, 174-179.	1.1	56

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19	Autoimmune Pituitary Disease: New Concepts With Clinical Implications. Endocrine Reviews, 2020, 41, 261-272.	20.1	52
20	Interim Analysis of a Phase 2 Open-Label Trial Assessing Burosumab Efficacy and Safety in Patients With Tumor-Induced Osteomalacia. Journal of Bone and Mineral Research, 2020, 36, 262-270.	2.8	51
21	Safety and convenience of once-weekly somapacitan in adult GH deficiency: a 26-week randomized, controlled trial. European Journal of Endocrinology, 2018, 178, 491-499.	3.7	47
22	Cloning and Characterization of the 5â€²-Flanking Region of the Human Growth Hormone-releasing Hormone Receptor Gene. Journal of Biological Chemistry, 1999, 274, 12108-12114.	3.4	45
23	Leukemia Inhibitory Factor Regulates Trophoblast Giant Cell Differentiation via Janus Kinase 1-Signal Transducer and Activator of Transcription 3-Suppressor of Cytokine Signaling 3 Pathway. Molecular Endocrinology, 2008, 22, 1673-1681.	3.7	43
24	Efficacy of combined octreotide and cabergoline treatment in patients with acromegaly: a retrospective clinical study and review of the literature. Endocrine Journal, 2013, 60, 507-515.	1.6	43
25	Two Cases of Atezolizumab-Induced Hypophysitis. Journal of the Endocrine Society, 2018, 2, 91-95.	0.2	43
26	Congenital pituitary hypoplasia model demonstrates hypothalamic OTX2 regulation of pituitary progenitor cells. Journal of Clinical Investigation, 2019, 130, 641-654.	8.2	43
27	Mechanistic insights into immune checkpoint inhibitor-related hypophysitis: a form of paraneoplastic syndrome. Cancer Immunology, Immunotherapy, 2021, 70, 3669-3677.	4.2	39
28	IGF-I enhances cellular senescence via the reactive oxygen speciesâ€“p53 pathway. Biochemical and Biophysical Research Communications, 2012, 425, 478-484.	2.1	38
29	Insulin Secretion and Insulin Sensitivity Before and After Surgical Treatment of Pheochromocytoma or Paraganglioma. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3400-3405.	3.6	36
30	Circulating level of chemerin is upregulated in psoriasis. Journal of Dermatological Science, 2010, 60, 45-47.	1.9	34
31	CXCL14 enhances insulin-dependent glucose uptake in adipocytes and is related to high-fat diet-induced obesity. Biochemical and Biophysical Research Communications, 2007, 364, 1037-1042.	2.1	33
32	Decreased serum chemerin levels in male Japanese patients with type 2 diabetes: sex dimorphism. Endocrine Journal, 2013, 60, 37-44.	1.6	30
33	Enhanced oxidative stress in GH-transgenic rat and acromegaly in humans. Growth Hormone and IGF Research, 2012, 22, 64-68.	1.1	27
34	A diagnostic pitfall in IgG4-related hypophysitis: infiltration of IgG4-positive cells in the pituitary of granulomatosis with polyangiitis. Pituitary, 2015, 18, 722-730.	2.9	27
35	Genetic and clinical characteristics of Japanese patients with sporadic somatotropinoma. Endocrine Journal, 2016, 63, 953-963.	1.6	26
36	MECHANISMS IN ENDOCRINOLOGY: Autoimmune hypopituitarism: novel mechanistic insights. European Journal of Endocrinology, 2020, 182, R59-R66.	3.7	26

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37	Accelerated Telomere Shortening in Acromegaly; IGF-I Induces Telomere Shortening and Cellular Senescence. PLoS ONE, 2015, 10, e0140189.	2.5	25
38	Diabetic Osteopenia by Decreased Î²-Catenin Signaling Is Partly Induced by Epigenetic Derepression of sFRP-4 Gene. PLoS ONE, 2014, 9, e102797.	2.5	25
39	The Essential Role of SIRT1 in Hypothalamic-Pituitary Axis. Frontiers in Endocrinology, 2018, 9, 605.	3.5	24
40	Diagnosis and treatment of autoimmune and IgG4-related hypophysitis: clinical guidelines of the Japan Endocrine Society. Endocrine Journal, 2020, 67, 373-378.	1.6	24
41	Trophoblast Stem Cells Rescue Placental Defect in SOCS3-deficient Mice. Journal of Biological Chemistry, 2006, 281, 11444-11445.	3.4	23
42	The Mechanisms Underlying Autonomous Adrenocorticotropic Hormone Secretion in Cushingâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 9132.	4.1	23
43	IGF-I stimulates reactive oxygen species (ROS) production and inhibits insulin-dependent glucose uptake via ROS in 3T3-L1 adipocytes. Growth Hormone and IGF Research, 2010, 20, 212-219.	1.1	22
44	Involvement of PIT-1-Reactive Cytotoxic T Lymphocytes in Anti-PIT-1 Antibody Syndrome. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1744-E1749.	3.6	22
45	The prevalence and associated factors of colorectal neoplasms in acromegaly: a single center based study. Pituitary, 2015, 18, 343-351.	2.9	22
46	Isolated adrenocorticotropic hormone deficiency as a form of paraneoplastic syndrome. Pituitary, 2018, 21, 480-489.	2.9	22
47	The quality of life in acromegalic patients with biochemical remission by surgery alone is superior to that in those with pharmaceutical therapy without radiotherapy, using the newly developed Japanese version of the AcroQoL. Pituitary, 2015, 18, 876-883.	2.9	20
48	Endoscopic endonasal transsellar approach for laterally extended pituitary adenomas: volumetric analysis of cavernous sinus invasion. Pituitary, 2015, 18, 518-524.	2.9	20
49	Pathogenesis of Antiâ€“PIT-1 Antibody Syndrome: PIT-1 Presentation by HLA Class I on Anterior Pituitary Cells. Journal of the Endocrine Society, 2019, 3, 1969-1978.	0.2	20
50	Similar safety and efficacy in previously treated adults with growth hormone deficiency randomized to onceâ€weekly somapacitan or daily growth hormone. Clinical Endocrinology, 2020, 93, 620-628.	2.4	20
51	Acromegaly caused by a somatotroph adenoma in patient with neurofibromatosis type 1. Endocrine Journal, 2019, 66, 853-857.	1.6	19
52	Incidence of lower limb amputation in people with and without diabetes: a nationwide 5-year cohort study in Japan. BMJ Open, 2021, 11, e048436.	1.9	19
53	Multifocal Fibrosclerosis as a Possible Cause of Panhypopituitarism with Central Diabetes Insipidus.. Endocrine Journal, 2000, 47, 335-342.	1.6	18
54	A novel thymoma-associated autoimmune disease: Anti-PIT-1 antibody syndrome. Scientific Reports, 2017, 7, 43060.	3.3	18

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55	Diverse regulation of full-length and truncated growth hormone receptor expression in 3T3-L1 adipocytes. Molecular and Cellular Endocrinology, 2003, 210, 21-29.	3.2	16
56	Paraneoplastic autoimmune hypophysitis: An emerging concept. Best Practice and Research in Clinical Endocrinology and Metabolism, 2022, 36, 101601.	4.7	15
57	A Case of Hypothalamic Panhypopituitarism with Empty Sella Syndrome: Case Report and Review of the Literature. Endocrine Journal, 2009, 56, 585-589.	1.6	14
58	Autoimmune hypophysitis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 124, 417-422.	1.8	14
59	A missense single-nucleotide polymorphism in the sialic acid acetylesterase (SIAE) gene is associated with antiâ€“PIT-1 antibody syndrome. Endocrine Journal, 2014, 61, 641-644.	1.6	14
60	The Role of Genetic and Epigenetic Changes in Pituitary Tumorigenesis. Neurologia Medico-Chirurgica, 2014, 54, 943-957.	2.2	13
61	The influence of type 2 diabetes on serum GH and IGF-I levels in hospitalized Japanese patients. Growth Hormone and IGF Research, 2016, 29, 4-10.	1.1	13
62	Multiple Salivary Cortisol Measurements Are a Useful Tool to Optimize Metyrapone Treatment in Patients with Cushingâ€™s Syndromes Treatment: Case Presentations. Frontiers in Endocrinology, 2018, 8, 375.	3.5	13
63	Appropriate definition of diabetes using an administrative database: A crossâ€sectional cohort validation study. Journal of Diabetes Investigation, 2022, 13, 249-255.	2.4	13
64	Clinical Heterogeneity of Acquired Idiopathic Isolated Adrenocorticotropic Hormone Deficiency. Frontiers in Endocrinology, 2021, 12, 578802.	3.5	12
65	Hepatic Failure and Enhanced Oxidative Stress in Mitochondrial Diabetes. Endocrine Journal, 2008, 55, 509-514.	1.6	11
66	Ameliorating effect of the novel dipeptidyl peptidaseâ€4 inhibitor teneligliptin on psoriasis: A report of two cases. Journal of Dermatology, 2015, 42, 1094-1097.	1.2	11
67	The prevalence of acromegaly in hospitalized patients with type 2 diabetes. Endocrine Journal, 2015, 62, 53-59.	1.6	11
68	Immune checkpoint inhibitor-related hypophysitis. Best Practice and Research in Clinical Endocrinology and Metabolism, 2022, 36, 101668.	4.7	11
69	D-dimer as a significant marker of deep vein thrombosis in patients with subclinical or overt Cushingâ€™s syndrome. Endocrine Journal, 2014, 61, 1003-1010.	1.6	10
70	Insulin secretion and sensitivity before and after surgical treatment for aldosterone-producing adenoma. Diabetes and Metabolism, 2020, 46, 236-242.	2.9	10
71	Identification and Analysis of Prophet of Pit-1-Binding Sites in Human Pit-1 Gene. Endocrinology, 2008, 149, 5491-5499.	2.8	9
72	IgG4-related hypophysitis in patients with autoimmune pancreatitis. Pituitary, 2019, 22, 54-61.	2.9	9

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73	Two Cases of antiâ€“PIT-1 Hypophysitis Exhibited as a Form of Paraneoplastic Syndrome not Associated With Thymoma. Journal of the Endocrine Society, 2021, 5, bvaa194.	0.2	9
74	Median-lower normal levels of serum thyroxine are associated with low triiodothyronine levels and body temperature in patients with central hypothyroidism. European Journal of Endocrinology, 2015, 173, 247-256.	3.7	8
75	Impact of preoperative pasireotide therapy on invasive octreotide-resistant acromegaly. Endocrine Journal, 2018, 65, 1061-1067.	1.6	8
76	Adrenal Corticomedullary Mixed Tumor Associated With the FGFR4-G388R Variant. Journal of the Endocrine Society, 2020, 4, bvaa101.	0.2	8
77	Human pituitary development and application of iPSCs for pituitary disease. Cellular and Molecular Life Sciences, 2021, 78, 2069-2079.	5.4	8
78	AIP Mutation Identified in a Patient with Acromegaly Caused by Pituitary Somatotroph Adenoma with Neuronal Choristoma. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, 295-299.	1.2	7
79	Prevalence of Simple Renal Cysts in Acromegaly. Internal Medicine, 2016, 55, 1685-1690.	0.7	7
80	Pituitary Society Delphi Survey: An international perspective on endocrine management of patients undergoing transsphenoidal surgery for pituitary adenomas. Pituitary, 2022, 25, 64-73.	2.9	7
81	Association between dipeptidyl peptidaseâ€4 inhibitors and increased risk for bullous pemphigoid within 3â€‰months from first use: A 5â€year populationâ€based cohort study using the Japanese National Database. Journal of Diabetes Investigation, 2022, 13, 460-467.	2.4	7
82	Up-regulation of mitochondrial transcription factor 1 mRNA levels by GH in VSMC. Life Sciences, 2004, 74, 2097-2109.	4.3	6
83	W194XProp1 and S156insTProp1, both of which have intact DNA-binding domain, show a different DNA-binding activity to the Prop1-binding element in human Pit-1 gene. Molecular and Cellular Endocrinology, 2010, 323, 167-171.	3.2	6
84	Factors correlated with serum insulin-like growth factor-I levels in health check-up subjects. Growth Hormone and IGF Research, 2018, 40, 55-60.	1.1	6
85	A Case of Luscan-Lumish Syndrome: Possible Involvement of Enhanced GH Signaling. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 718-723.	3.6	5
86	Doseâ€“exposureâ€“IGF-I response of once-weekly somapacitan in adults with GH deficiency. European Journal of Endocrinology, 2022, 187, 27-38.	3.7	5
87	A PROP1-binding factor, AES cloned by yeast two-hybrid assay represses PROP1-induced Pit-1 gene expression. Molecular and Cellular Endocrinology, 2013, 376, 93-98.	3.2	4
88	The impact of adrenal tumor multidisciplinary team meetings on clinical outcomes. Endocrine, 2020, 69, 519-525.	2.3	4
89	Complex Organ Construction from Human Pluripotent Stem Cells for Biological Research and Disease Modeling with New Emerging Techniques. International Journal of Molecular Sciences, 2021, 22, 10184.	4.1	4
90	The novel concept of â€œOnco-Immuno-Endocrinologyâ€•led to the discovery of new clinical entity â€œparaneoplastic autoimmune hypophysitisâ€• Best Practice and Research in Clinical Endocrinology and Metabolism, 2022, , 101663.	4.7	4

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91	Difference Between Japanese and Caucasian Populations in the Allelic Frequency of Growth Hormone Receptor Polymorphisms. Journal of Pediatric Endocrinology and Metabolism, 2009, 22, 41-6.	0.9	3
92	A Case of Primary Aldosteronism Caused by Multiple Adrenocortical Macronodules. Internal Medicine, 2011, 50, 585-590.	0.7	3
93	A case of type A insulin resistance associated with heterozygous Asn462Ser mutation of the insulin receptor gene. Diabetology International, 2012, 3, 239-243.	1.4	3
94	A rapidly expanding immature teratoma originating from a neurohypophyseal germinoma. Neuropathology and Applied Neurobiology, 2013, 39, 445-448.	3.2	3
95	Cardiac Myxoma Caused by Fumarate Hydratase Gene Deletion in Patient With Cortisol-Secreting Adrenocortical Adenoma. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1957-1962.	3.6	3
96	Pharmacodynamics of Cibenzoline-Induced Hypoglycemia in Rats. Drug Metabolism and Pharmacokinetics, 2011, 26, 242-247.	2.2	2
97	A Novel Clinical Entity of Autoimmune Endocrinopathy: Anti-PIT-1 Antibody Syndrome. Frontiers of Hormone Research, 2017, 48, 76-83.	1.0	2
98	Hypothalamic-pituitary germinoma presenting as generalized hypohidrosis. European Journal of Dermatology, 2017, 27, 297-299.	0.6	2
99	Patients with pheochromocytoma exhibit low aldosterone renin ratio-preliminary reports. BMC Endocrine Disorders, 2020, 20, 140.	2.2	2
100	SAT-LB079 Clinical Heterogeneity of Acquired Idiopathic ACTH Deficiency: A New Classification Based on the Clinical Characteristics and Autoantibodies. Journal of the Endocrine Society, 2019, 3, .	0.2	2
101	The Effect of Aging on Quality of Life in Acromegaly Patients Under Treatment. Frontiers in Endocrinology, 2022, 13, 819330.	3.5	2
102	The Age of Death in Japanese patients with type 2 and type 1 diabetes: A descriptive epidemiological study. Journal of Diabetes Investigation, 2022, , .	2.4	2
103	Onco-immuno-endocrinology: An emerging concept that links tumor, autoimmunity, and endocrine disease. Best Practice and Research in Clinical Endocrinology and Metabolism, 2022, , 101666.	4.7	2
104	Growth Hormone Deficiency in 2 Siblings Associated with Combined GH1 Gene Polymorphisms. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, 308-310.	1.2	1
105	Telomeres and Cellular Senescence in Metabolic and Endocrine Diseases. , 0, , .		1
106	Cross-sectional prevalence of pancreatic cystic lesions in patients with acromegaly, a single-center experience. Pituitary, 2017, 20, 509-514.	2.9	1
107	Acute Adrenal Insufficiency Precipitated by the Discontinuation of a Betamethasone and Dextrochlorpheniramine Combination: The Diagnostic Utility of an Echocardiographic Assessment of Systemic Vascular Resistance. Internal Medicine, 2019, 58, 2045-2049.	0.7	1
108	Adrenal insufficiency in immunochemotherapy for small-cell lung cancer with ectopic ACTH syndrome. Endocrinology, Diabetes and Metabolism Case Reports, 2021, 2021, .	0.5	1

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109	Relation between the insulin lowering rate and changes in bone mineral density: Analysis among subtypes of type 1 diabetes mellitus. Journal of Diabetes Investigation, 2022, , .	2.4	1
110	Colorectal Neoplasm in Acromegaly: Epidemiology and Underlying Mechanisms. , 2020, , .		0
111	Effects of the Rate of Impaired Insulin Secretion on Bone Mineral Density in Type 1 Diabetes. Journal of the Endocrine Society, 2021, 5, A274-A274.	0.2	0
112	Two Cases of Anti-PIT-1 Hypophysitis Exhibited as a Form of Paraneoplastic Syndrome. Journal of the Endocrine Society, 2021, 5, A616-A617.	0.2	0
113	Expression of IL2 receptor (Tac antigen) in primary immunodeficiency diseases. Japanese Journal of Clinical Immunology, 1984, 7, 396-399.	0.0	0
114	Spectrally abnormal cytochrome-b in a male patient with chronic granulomatous disease. Japanese Journal of Clinical Immunology, 1985, 8, 63-66.	0.0	0
115	Growth Hormone and Nonalcoholic Fatty Liver Disease: Pathophysiology and Therapeutic Application. The Journal of the Japanese Society of Internal Medicine, 2017, 106, 2254-2258.	0.0	0
116	MON-435 The Responsiveness To Ddavp Test Predicts Usp8 Mutation In Patients With Cushing's Disease. Journal of the Endocrine Society, 2019, 3, .	0.2	0
117	MON-265 Once-Weekly Somapacitan in Japanese Adults with GH Deficiency Was Well Tolerated, with Similar Efficacy to Daily GH: A Randomized Trial. Journal of the Endocrine Society, 2020, 4, .	0.2	0
118	Once-weekly somapacitan in japanese adults with growth hormone deficiency was well tolerated, with similar efficacy to daily growth hormone: A randomised trial. Endocrine Abstracts, 0, , .	0.0	0
119	MON-268 Factors Associated With QoL Impairment In Patients With Acromegaly In The Elderly. Journal of the Endocrine Society, 2020, 4, .	0.2	0
120	MON-905 A Case of Cushingâ€™s Disease with Glucocorticoid Positive-Feedback. Journal of the Endocrine Society, 2020, 4, .	0.2	0