

Hiroshi Iwakura

List of Publications by Year in descending order

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83
papers

3,181
citations

201385

27
h-index

155451

55
g-index

85
all docs

85
docs citations

85
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	Ghrelin Strongly Stimulates Growth Hormone Release in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4908-4911.	1.8	737
2	A link between FTO, ghrelin, and impaired brain food-cue responsivity. <i>Journal of Clinical Investigation</i> , 2013, 123, 3539-3551.	3.9	307
3	Delayed Short-Term Secretory Regulation of Ghrelin in Obese Animals: Evidenced by a Specific RIA for the Active Form of Ghrelin. <i>Endocrinology</i> , 2002, 143, 3341-3350.	1.4	209
4	Transgenic Mice Overexpressing Des-Acyl Ghrelin Show Small Phenotype. <i>Endocrinology</i> , 2005, 146, 355-364.	1.4	127
5	Notch/Rbp-j signaling prevents premature endocrine and ductal cell differentiation in the pancreas. <i>Cell Metabolism</i> , 2006, 3, 59-65.	7.2	103
6	Expression of the gene for a membrane-bound fatty acid receptor in the pancreas and islet cell tumours in humans: evidence for GPR40 expression in pancreatic beta cells and implications for insulin secretion. <i>Diabetologia</i> , 2006, 49, 962-968.	2.9	91
7	Genetic and Pharmacological Inhibition of Rho-associated Kinase II Enhances Adipogenesis. <i>Journal of Biological Chemistry</i> , 2007, 282, 29574-29583.	1.6	91
8	Predictive and sensitive biomarkers for thyroid dysfunctions during treatment with immune-checkpoint inhibitors. <i>Cancer Science</i> , 2020, 111, 1468-1477.	1.7	86
9	Ghrelin prevents development of diabetes at adult age in streptozotocin-treated newborn rats. <i>Diabetologia</i> , 2006, 49, 1264-1273.	2.9	81
10	Repeated administration of ghrelin to patients with functional dyspepsia: its effects on food intake and appetite. <i>European Journal of Endocrinology</i> , 2008, 158, 491-498.	1.9	73
11	Analysis of Rat Insulin II Promoter-Ghrelin Transgenic Mice and Rat Glucagon Promoter-Ghrelin Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 15247-15256.	1.6	67
12	Sensing of Fatty Acids for Octanoylation of Ghrelin Involves a Gustatory G-Protein. <i>PLoS ONE</i> , 2012, 7, e40168.	1.1	67
13	Establishment of a Novel Ghrelin-Producing Cell Line. <i>Endocrinology</i> , 2010, 151, 2940-2945.	1.4	61
14	Plasma ghrelin levels in healthy elderly volunteers: the levels of acylated ghrelin in elderly females correlate positively with serum IGF-I levels and bowel movement frequency and negatively with systolic blood pressure. <i>Journal of Endocrinology</i> , 2006, 188, 333-344.	1.2	59
15	Oxytocin and Dopamine Stimulate Ghrelin Secretion by the Ghrelin-Producing Cell Line, MGN3-1 in Vitro. <i>Endocrinology</i> , 2011, 152, 2619-2625.	1.4	50
16	Ghrelin Expression in Islet Cell Tumors: Augmented Expression of Ghrelin in a Case of Glucagonoma with Multiple Endocrine Neoplasm Type I. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4885-4888.	1.8	48
17	Tumor-associated macrophages promote neuroblastoma via STAT3 phosphorylation and up-regulation of c-MYC. <i>Oncotarget</i> , 2017, 8, 91516-91529.	0.8	45
18	Targeting Peripheral CB1 Receptors Reduces Ethanol Intake via a Gut-Brain Axis. <i>Cell Metabolism</i> , 2019, 29, 1320-1333.e8.	7.2	42

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19	GPR40 gene expression in human pancreas and insulinoma. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1788-1790.	1.0	40
20	Efficacy of Ghrelin as a Therapeutic Approach for Age-Related Physiological Changes. <i>Endocrinology</i> , 2008, 149, 3722-3728.	1.4	40
21	Nutrients Differentially Regulate Nucleobindin-2/Nesfatin-1 In Vitro in Cultured Stomach Ghrelinoma (MGN3-1) Cells and In Vivo in Male Mice. <i>PLoS ONE</i> , 2014, 9, e115102.	1.1	35
22	Comprehensive Profiling of GPCR Expression in Ghrelin-Producing Cells. <i>Endocrinology</i> , 2016, 157, 692-704.	1.4	35
23	Fulminant Type 1 Diabetes Mellitus Accompanied by Positive Conversion of Anti-insulin Antibody after the Administration of Anti-CTLA-4 Antibody Following the Discontinuation of Anti-PD-1 Antibody. <i>Internal Medicine</i> , 2018, 57, 2029-2034.	0.3	35
24	CRISPR/Cas9-mediated Angptl8 knockout suppresses plasma triglyceride concentrations and adiposity in rats. <i>Journal of Lipid Research</i> , 2018, 59, 1575-1585.	2.0	33
25	Rbpâ€ regulates expansion of pancreatic epithelial cells and their differentiation into exocrine cells during mouse development. <i>Developmental Dynamics</i> , 2007, 236, 2779-2791.	0.8	32
26	A mouse model of ghrelinoma exhibited activated growth hormone-insulin-like growth factor I axis and glucose intolerance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E802-E811.	1.8	32
27	The regulation of circulating ghrelin — with recent updates from cell-based assays [Review]. <i>Endocrine Journal</i> , 2015, 62, 107-122.	0.7	32
28	Distinct clinical features and prognosis between persistent and temporary thyroid dysfunctions by immune-checkpoint inhibitors. <i>Endocrine Journal</i> , 2021, 68, 231-241.	0.7	27
29	EFFECTS OF GHRELIN TREATMENT ON PATIENTS UNDERGOING TOTAL HIP REPLACEMENT FOR OSTEOARTHRITIS: DIFFERENT OUTCOMES FROM STUDIES IN PATIENTS WITH CARDIAC AND PULMONARY CACHEXIA. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 2363-2365.	1.3	26
30	Clinical effects of ghrelin on gastrointestinal involvement in patients with systemic sclerosis. <i>Endocrine Journal</i> , 2014, 61, 735-742.	0.7	24
31	Comparative analysis of human leucocyte antigen between idiopathic and antiâ€ antibody induced isolated adrenocorticotrophic hormone deficiency: A pilot study. <i>Clinical Endocrinology</i> , 2019, 91, 786-792.	1.2	23
32	Effects of ghrelin administration on decreased growth hormone status in obese animals. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E819-E825.	1.8	22
33	Overexpression of inraisset ghrelin enhances β^2 -cell proliferation after streptozotocin-induced β^2 -cell injury in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E140-E148.	1.8	20
34	Lactoa€ghrestatin, a novel bovine milkâ€derived peptide, suppresses ghrelin secretion. <i>FEBS Letters</i> , 2017, 591, 2121-2130.	1.3	19
35	Thyrotoxicosis and Adrenocortical Hormone Deficiency During Immune-checkpoint Inhibitor Treatment for Malignant Melanoma. <i>In Vivo</i> , 2018, 32, 345-351.	0.6	19
36	Successful Allogeneic Stem Cell Transplantation From an Unrelated Donor for Aggressive Epstein-Barr Virusâ€Associated Clonal T-Cell Proliferation With Hemophagocytosis. <i>International Journal of Hematology</i> , 2001, 74, 451-454.	0.7	18

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37	Soyâ€ghretropin, a novel ghrelinâ€releasing peptide derived from soy protein. <i>FEBS Letters</i> , 2016, 590, 2681-2689.	1.3	16
38	Differential role of GPR142 in tryptophan-mediated enhancement of insulin secretion in obese and lean mice. <i>PLoS ONE</i> , 2018, 13, e0198762.	1.1	16
39	Ghrelin and Functional Dyspepsia. <i>International Journal of Peptides</i> , 2010, 2010, 1-6.	0.7	15
40	Transgenic overexpression of intraislet ghrelin does not affect insulin secretion or glucose metabolism in vivo. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E403-E408.	1.8	15
41	Analysis of plasma ghrelin in patients with medium-chain acyl-CoA dehydrogenase deficiency and glutaric aciduria type II. <i>European Journal of Endocrinology</i> , 2012, 166, 235-240.	1.9	15
42	Adrenal tumor volume in a genetically engineered mouse model of neuroblastoma determined by magnetic resonance imaging. <i>Experimental and Therapeutic Medicine</i> , 2012, 4, 61-64.	0.8	13
43	Combination therapy with gefitinib and doxorubicin inhibits tumor growth in transgenic mice with adrenal neuroblastoma. <i>Cancer Medicine</i> , 2013, 2, 286-295.	1.3	13
44	High incorporation of longâ€chain fatty acids contributes to the efficient production of acylated ghrelin in ghrelinâ€producing cells. <i>FEBS Letters</i> , 2016, 590, 992-1001.	1.3	13
45	Comprehensive research on thyroid diseases associated with autoimmunity: autoimmune thyroid diseases, thyroid diseases during immune-checkpoint inhibitors therapy, and immunoglobulin-G4-associated thyroid diseases. <i>Endocrine Journal</i> , 2019, 66, 843-852.	0.7	13
46	Molecular characterization of tumors from a transgenic mouse adrenal tumor model: Comparison with human pheochromocytoma. <i>International Journal of Oncology</i> , 2010, 37, 695-705.	1.4	12
47	Nicotinic acetylcholine receptor signaling regulates inositolâ€requiring enzymeâ€1 activation to protect Î²â€cells against terminal unfolded protein response under irremediable endoplasmic reticulum stress. <i>Journal of Diabetes Investigation</i> , 2020, 11, 801-813.	1.1	12
48	Imbalanced Expression of IGF2 and PCSK4 Is Associated With Overproduction of Big IGF2 in SFT With NICTH: A Pilot Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2728-2734.	1.8	11
49	The influence of thyroid autoimmunity on pregnancy outcome in infertile women: a prospective study. <i>Endocrine Journal</i> , 2020, 67, 859-868.	0.7	11
50	A Postweaning Reduction in Circulating Ghrelin Temporarily Alters Growth Hormone (GH) Responsiveness to GH-Releasing Hormone in Male Mice But Does Not Affect Somatic Growth. <i>Endocrinology</i> , 2010, 151, 1743-1750.	1.4	10
51	Generation of Transgenic Mice Overexpressing a Ghrelin Analog. <i>Endocrinology</i> , 2010, 151, 5935-5940.	1.4	10
52	Graves' Disease in Pediatric and Elderly Patients with 22q11.2 Deletion Syndrome. <i>Internal Medicine</i> , 2017, 56, 1169-1173.	0.3	9
53	Comprehensive analysis of a dipeptide library to identify ghrelin releaseâ€modulating peptides. <i>FEBS Letters</i> , 2019, 593, 2637-2645.	1.3	9
54	Development and preliminary validation of a machine learning system for thyroid dysfunction diagnosis based on routine laboratory tests. <i>Communications Medicine</i> , 2022, 2, .	1.9	9

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55	Establishment of a novel neuroblastoma mouse model. <i>International Journal of Oncology</i> , 2008, 33, 1195-9.	1.4	9
56	Identification of a variant associated with early-onset diabetes in the intron of the insulin gene with exome sequencing. <i>Journal of Diabetes Investigation</i> , 2019, 10, 947-950.	1.1	8
57	Identification of a compound heterozygous inactivating <i>ABCC8</i> gene mutation responsible for young-onset diabetes with exome sequencing. <i>Journal of Diabetes Investigation</i> , 2020, 11, 333-336.	1.1	8
58	IL-1 β directly suppress ghrelin mRNA expression in ghrelin-producing cells. <i>Molecular and Cellular Endocrinology</i> , 2017, 447, 45-51.	1.6	7
59	Laparoscopic sleeve gastrectomy for morbid obesity improves gut microbiota balance, increases colonic mucosal-associated invariant T cells and decreases circulating regulatory T cells. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 7312-7324.	1.3	7
60	Autoimmune polyglandular syndrome type 2 and autoimmune hepatitis with thymoma-associated myasthenia gravis: case report. <i>BMC Endocrine Disorders</i> , 2020, 20, 47.	0.9	6
61	Early detection of euglycemic ketoacidosis during thoracic surgery associated with empagliflozin in a patient with type 2 diabetes: A case report. <i>Journal of Diabetes Investigation</i> , 2021, 12, 664-667.	1.1	6
62	Wheat ghrelinotropins: novel ghrelin-releasing peptides derived from wheat protein. <i>FEBS Open Bio</i> , 2021, 11, 1144-1152.	1.0	6
63	The effects of inflammatory cytokines on the expression of ghrelin. <i>Endocrine Journal</i> , 2017, 64, S25-S26.	0.7	5
64	A family in which people with a heterozygous <i>ABCC8</i> gene mutation (p.Lys1385Gln) have progressed from hyperinsulinemic hypoglycemia to hyperglycemia. <i>Journal of Diabetes</i> , 2020, 12, 21-24.	0.8	5
65	Diabetic ketoacidosis in a patient with acromegaly and central diabetes insipidus treated with octreotide long-acting release. <i>Diabetology International</i> , 2017, 8, 237-242.	0.7	4
66	Endogenous peptide profile for elucidating biosynthetic processing of the ghrelin precursor. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1142-1146.	1.0	4
67	A combination of dietary fat intake and nicotine exposure enhances CB1 endocannabinoid receptor expression in hypothalamic nuclei in male mice. <i>Neuroscience Letters</i> , 2020, 714, 134550.	1.0	4
68	Expression of unfolded protein response markers in the pheochromocytoma with Waardenburg syndrome: a case report. <i>BMC Endocrine Disorders</i> , 2020, 20, 90.	0.9	4
69	Predominant Improvement of Alpha Cell Function after Steroid Therapy in a Patient with Autoimmune Pancreatitis: Case Report. <i>Diabetes Therapy</i> , 2018, 9, 1385-1395.	1.2	3
70	Establishment of Leptin-Responsive Cell Lines from Adult Mouse Hypothalamus. <i>PLoS ONE</i> , 2016, 11, e0148639.	1.1	3
71	Autosomal Dominant Hypocalcemia With Atypical Urine Findings Accompanied by Novel CaSR Gene Mutation and VitD Deficiency. <i>Journal of the Endocrine Society</i> , 2021, 5, bvaa190.	0.1	3
72	Transgenic Mice Overexpressing Ghrelin or Ghrelin Analog. <i>Methods in Enzymology</i> , 2012, 514, 371-377.	0.4	2

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73	Reduction in circulating ghrelin concentration after maturation does not affect food intake. <i>Endocrine Journal</i> , 2014, 61, 1041-1052.	0.7	2
74	Neonatal diabetes caused by the heterozygous Pro1198Leu mutation in the ABCC 8 gene in a male infant: 6-year clinical course. <i>Journal of Diabetes Investigation</i> , 2020, 11, 502-505.	1.1	2
75	False-positive staining of thyroglobulin distinguished from mixed medullary and follicular thyroid carcinoma by duplex <i>in situ</i> hybridization. <i>Endocrine Journal</i> , 2020, 67, 1007-1017.	0.7	2
76	Head and Neck Paraganglioma Atypically Carrying a <i>Succinate Dehydrogenase Subunit B</i> Mutation (L157X). <i>Internal Medicine</i> , 2020, 59, 1167-1171.	0.3	1
77	Deterioration of pituitary function without relapse after steroid therapy for IgG4-related hypophysitis. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2021, 2021, .	0.2	1
78	Hypopituitarism and cranial nerve involvement mimicking Tolosa-Hunt syndrome as the initially presenting feature of diffuse large B-cell lymphoma: a case report. <i>BMC Endocrine Disorders</i> , 2022, 22, 65.	0.9	1
79	MON-603 GPR142 Expression Levels Were Correlated with Plasma Ghrelin Levels and Heights in Morbidly Obese Patients. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
80	Endocannabinoids Promote Ethanol Drinking Via $Cb1$ Receptor-Mediated Increase in Ghrelin Acylation and Signaling in the Stomach. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
81	SAT-433 The Influence of Thyroid Autoimmunity on Pregnancy Outcome in Infertile Women. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
82	Thyroid storm with delayed hyperbilirubinemia and severe heart failure: indication and contraindication of plasma exchange. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2020, 2020, .	0.2	0
83	Thyroid storm with delayed hyperbilirubinemia and severe heart failure: indication and contraindication of plasma exchange. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2020, 2020, .	0.2	0