

# Hiroaki Masuzaki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3566171/publications.pdf>

Version: 2024-02-01

72  
papers

1,264  
citations

361045

20  
h-index

414034

32  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brown Rice and Its Component, $\hat{I}^3$ -Oryzanol, Attenuate the Preference for High-Fat Diet by Decreasing Hypothalamic Endoplasmic Reticulum Stress in Mice. <i>Diabetes</i> , 2012, 61, 3084-3093.	0.3	87
2	Long-term dietary nitrite and nitrate deficiency causes the metabolic syndrome, endothelial dysfunction and cardiovascular death in mice. <i>Diabetologia</i> , 2017, 60, 1138-1151.	2.9	79
3	Natural food science based novel approach toward prevention and treatment of obesity and type 2 diabetes: Recent studies on brown rice and $\hat{I}^3$ -oryzanol. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e165-e172.	0.8	71
4	Effects of the brown rice diet on visceral obesity and endothelial function: the BRAVO study. <i>British Journal of Nutrition</i> , 2014, 111, 310-320.	1.2	69
5	Central Melanocortin Signaling Restores Skeletal Muscle AMP-Activated Protein Kinase Phosphorylation in Mice Fed a High-Fat Diet. <i>Cell Metabolism</i> , 2007, 5, 395-402.	7.2	63
6	$\hat{I}^3$ -Oryzanol Protects Pancreatic $\hat{I}^2$ -Cells Against Endoplasmic Reticulum Stress in Male Mice. <i>Endocrinology</i> , 2015, 156, 1242-1250.	1.4	51
7	Activation of AMPK-Regulated CRH Neurons in the PVH is Sufficient and Necessary to Induce Dietary Preference for Carbohydrate over Fat. <i>Cell Reports</i> , 2018, 22, 706-721.	2.9	50
8	Effect of caffeine contained in a cup of coffee on microvascular function in healthy subjects. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 217-222.	1.1	44
9	Brown rice-specific $\hat{I}^3$ -oryzanol as a promising prophylactic avenue to protect against diabetes mellitus and obesity in humans. <i>Journal of Diabetes Investigation</i> , 2019, 10, 18-25.	1.1	40
10	MicroRNA-378 Regulates Adiponectin Expression in Adipose Tissue: A New Plausible Mechanism. <i>PLoS ONE</i> , 2014, 9, e111537.	1.1	40
11	Extra-virgin olive oil and the gut-brain axis: influence on gut microbiota, mucosal immunity, and cardiometabolic and cognitive health. <i>Nutrition Reviews</i> , 2021, 79, 1362-1374.	2.6	39
12	Activity of xanthine oxidase in plasma correlates with indices of insulin resistance and liver dysfunction in patients with type 2 diabetes mellitus and metabolic syndrome: A pilot exploratory study. <i>Journal of Diabetes Investigation</i> , 2019, 10, 94-103.	1.1	38
13	Impact of brown rice-specific $\hat{I}^3$ -oryzanol on epigenetic modulation of dopamine D2 receptors in brain striatum in high-fat-diet-induced obesity in mice. <i>Diabetologia</i> , 2017, 60, 1502-1511.	2.9	36
14	Marked augmentation of PLGA nanoparticle-induced metabolically beneficial impact of $\hat{I}^3$ -oryzanol on fuel dyshomeostasis in genetically obese-diabetic <i>ob/ob</i> mice. <i>Drug Delivery</i> , 2017, 24, 558-568.	2.5	31
15	Usefulness of Epicardial Adipose Tissue Volume to Predict Recurrent Atrial Fibrillation After Radiofrequency Catheter Ablation. <i>American Journal of Cardiology</i> , 2018, 122, 1694-1700.	0.7	30
16	Febuxostat, a novel xanthine oxidoreductase inhibitor, improves hypertension and endothelial dysfunction in spontaneously hypertensive rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 831-838.	1.4	27
17	Effect of the Epicardial Adipose Tissue Volume on the Prevalence of Paroxysmal and Persistent Atrial Fibrillation. <i>Circulation Journal</i> , 2018, 82, 1778-1787.	0.7	27
18	Lipid Deposition in Various Sites of the Skeletal Muscles and Liver Exhibits a Positive Correlation with Visceral Fat Accumulation in Middle-aged Japanese Men with Metabolic Syndrome. <i>Internal Medicine</i> , 2013, 52, 1561-1571.	0.3	25

#	ARTICLE	IF	CITATIONS
19	Catecholamines Facilitate Fuel Expenditure and Protect Against Obesity via a Novel Network of the Gut-Brain Axis in Transcription Factor Skn-1 -deficient Mice. <i>EBioMedicine</i> , 2016, 8, 60-71.	2.7	24
20	Novel strategies for glycaemic control and preventing diabetic complications applying the clustering-based classification of adult-onset diabetes mellitus: A perspective. <i>Diabetes Research and Clinical Practice</i> , 2021, 180, 109067.	1.1	24
21	Metabolically and immunologically beneficial impact of extra virgin olive and flaxseed oils on composition of gut microbiota in mice. <i>European Journal of Nutrition</i> , 2020, 59, 2411-2425.	1.8	22
22	The clinical and phylogenetic investigation for a nosocomial outbreak of respiratory syncytial virus infection in an adult hemato-oncology unit. <i>Journal of Medical Virology</i> , 2017, 89, 1364-1372.	2.5	17
23	Protective Role of Myelocytic Nitric Oxide Synthases against Hypoxic Pulmonary Hypertension in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 232-244.	2.5	17
24	Walking Speed is the Sole Determinant Criterion of Sarcopenia of Mild Cognitive Impairment in Japanese Elderly Patients with Type 2 Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2020, 9, 2133.	1.0	16
25	A novel insulinotropic mechanism of whole grain-derived $\beta$ -oryzanol via the suppression of local dopamine $D_2$ receptor signalling in mouse islet. <i>British Journal of Pharmacology</i> , 2015, 172, 4519-4534.	2.7	15
26	The pathophysiological role of oxidized cholesterols in epicardial fat accumulation and cardiac dysfunction: a study in swine fed a high caloric diet with an inhibitor of intestinal cholesterol absorption, ezetimibe. <i>Journal of Nutritional Biochemistry</i> , 2016, 35, 66-73.	1.9	15
27	Metabolic surgery in treatment of obese Japanese patients with type 2 diabetes: a joint consensus statement from the Japanese Society for Treatment of Obesity, the Japan Diabetes Society, and the Japan Society for the Study of Obesity. <i>Diabetology International</i> , 2022, 13, 1-30.	0.7	15
28	Impact of individual metabolic risk components or its clustering on endothelial and smooth muscle cell function in men. <i>Cardiovascular Diabetology</i> , 2016, 15, 77.	2.7	14
29	Genetic profile of adult T-cell leukemia/lymphoma in Okinawa: Association with prognosis, ethnicity, and HTLV-1 strains. <i>Cancer Science</i> , 2021, 112, 1300-1309.	1.7	14
30	Minimal Shortening of Leukocyte Telomere Length Across Age Groups in a Cross-Sectional Study for Carriers of a Longevity-Associated FOXO3 Allele. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1448-1452.	1.7	13
31	Phosphorylated STAT3 expression predicts better prognosis in smoldering type of adult T-cell leukemia/lymphoma. <i>Cancer Science</i> , 2019, 110, 2982-2991.	1.7	13
32	Deleterious Effects of Epicardial Adipose Tissue Volume on Global Longitudinal Strain in Patients With Preserved Left Ventricular Ejection Fraction. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 607825.	1.1	13
33	Depot- and gender-specific expression of NLRP3 inflammasome and toll-like receptors in adipose tissue of cancer patients. <i>BioFactors</i> , 2016, 42, 397-406.	2.6	12
34	Association of Local Epicardial Adipose Tissue Depots and Left Ventricular Diastolic Performance in Patients With Preserved Left Ventricular Ejection Fraction. <i>Circulation Journal</i> , 2020, 84, 203-216.	0.7	12
35	A new diagnostic algorithm using biopsy specimens in adult T-cell leukemia/lymphoma: combination of RNA in situ hybridization and quantitative PCR for HTLV-1. <i>Modern Pathology</i> , 2021, 34, 51-58.	2.9	11
36	Fermented brown rice beverage distinctively modulates the gut microbiota in Okinawans with metabolic syndrome: A randomized controlled trial. <i>Nutrition Research</i> , 2022, 103, 68-81.	1.3	11

#	ARTICLE	IF	CITATIONS
37	Clinical usefulness of FDG-PET/CT for the evaluation of various types of adult T-cell leukemia. <i>Hematology</i> , 2017, 22, 536-543.	0.7	10
38	Levels of Adiponectin Expression in Peri-Renal and Subcutaneous Adipose Tissue and Its Determinants in Human Biopsied Samples. <i>Frontiers in Endocrinology</i> , 2019, 10, 897.	1.5	10
39	Characterization of patients with aggressive adult T-cell leukemia-lymphoma in Okinawa, Japan: a retrospective analysis of a large cohort. <i>International Journal of Hematology</i> , 2016, 104, 468-475.	0.7	9
40	Human T-cell leukemia virus type I Tax genotype analysis in Okinawa, the southernmost and remotest islands of Japan: Different distributions compared with mainland Japan and the potential value for the prognosis of aggressive adult T-cell leukemia/lymphoma. <i>Leukemia Research</i> , 2017, 61, 18-24.	0.4	9
41	Fatal pneumonia and viremia due to human parainfluenza virus type 1 in a patient with adult T-cell leukemia-lymphoma treated with mogamulizumab. <i>Journal of Infection and Chemotherapy</i> , 2015, 21, 820-823.	0.8	8
42	Retrospective exploratory analyses on gender differences in determinants for incidence and progression of diabetic retinopathy in Japanese patients with type 2 diabetes mellitus. <i>Endocrine Journal</i> , 2021, 68, 655-669.	0.7	8
43	Development of an experimentally useful model of acute myocardial infarction: 2/3 nephrectomized triple nitric oxide synthases-deficient mouse. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 29-41.	0.9	7
44	The increased ratio of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 versus 11 $\beta$ -hydroxysteroid dehydrogenase type 2 in chronic periodontitis irrespective of obesity. <i>SpringerPlus</i> , 2016, 5, 40.	1.2	7
45	Adipose tissue-derived mesenchymal stem cells ameliorate bone marrow aplasia related with graft-versus-host disease in experimental murine models. <i>Transplant Immunology</i> , 2019, 55, 101205.	0.6	7
46	Embryonic development of GABAergic terminals in the mouse hypothalamic nuclei involved in feeding behavior. <i>Neuroscience Research</i> , 2018, 134, 39-48.	1.0	6
47	Evaluation of two prognostic indices for adult T-cell leukemia/lymphoma in the subtropical endemic area, Okinawa, Japan. <i>Cancer Science</i> , 2018, 109, 2286-2293.	1.7	4
48	Validation of a novel digital health monitoring system to measure the volume of voided urine. <i>Neurourology and Urodynamics</i> , 2019, 38, 1106-1110.	0.8	4
49	Appropriate radiation dose for symptomatic relief and local control in patients with adult T cell leukemia/lymphoma. <i>Journal of Radiation Research</i> , 2019, 60, 98-108.	0.8	4
50	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
51	Chest Computed Tomography Abnormalities and Their Relationship to the Clinical Manifestation of Respiratory Syncytial Virus Infection in a Genetically Confirmed Outbreak. <i>Internal Medicine</i> , 2020, 59, 247-252.	0.3	4
52	The intractable intra-abdominal hemorrhage with unknown etiology in a patient with severe hemophilia A. <i>American Journal of Emergency Medicine</i> , 2015, 33, 129.e1-129.e3.	0.7	3
53	The expression of 11 $\beta$ -hydroxysteroid dehydrogenase type 1 is increased in experimental periodontitis in rats. <i>BMC Oral Health</i> , 2016, 16, 108.	0.8	3
54	Radiation-induced dermatitis after administration of mogamulizumab for adult T-cell leukaemia/lymphoma: a multi-institutional retrospective study. <i>Japanese Journal of Clinical Oncology</i> , 2019, 49, 153-159.	0.6	3

#	ARTICLE	IF	CITATIONS
55	Effect of a mobile digital intervention to enhance physical activity in individuals with metabolic disorders on voiding patterns measured by 24-h voided volume monitoring system: Kumejima Digital Health Project (KDHP). <i>International Urology and Nephrology</i> , 2021, 53, 1497-1505.	0.6	3
56	Full-length HLA sequencing in adult T cell leukemia lymphoma uncovers multiple gene alterations. <i>Leukemia</i> , 2021, 35, 2998-3001.	3.3	3
57	Spontaneous pulmonary emphysema in mice lacking all three nitric oxide synthase isoforms. <i>Scientific Reports</i> , 2021, 11, 22088.	1.6	3
58	Specific Expression of KCC2 in the $\delta$ Cells of Normal and Type 1 Diabetes Model Mouse Pancreatic Islets. <i>Acta Histochemica Et Cytochemica</i> , 2022, 55, 47-56.	0.8	3
59	Maternal Urinary Cotinine Concentrations During Pregnancy Predict Infant BMI Trajectory After Birth: Analysis of 89617 Mother-Infant Pairs in the Japan Environment and Children's Study. <i>Frontiers in Endocrinology</i> , 2022, 13, 850784.	1.5	3
60	Somatic Mutations and Loss of Heterozygosity of HLA Genes Are Frequently Occurred and Tightly Associated with Poor Prognosis in Adult T Cell Leukemia-Lymphoma. <i>Blood</i> , 2019, 134, 2785-2785.	0.6	2
61	Clinicopathological features of adult T-cell leukemia/lymphoma with HTLV-1-infected Hodgkin and Reed-Sternberg-like cells. <i>Blood Advances</i> , 2021, 5, 198-206.	2.5	2
62	Elevation of the Plasma Levels of TNF Receptor 2 in Association with Those of CD25, OX40, and IL-10 and HTLV-1 Proviral Load in Acute Adult T-Cell Leukemia. <i>Viruses</i> , 2022, 14, 751.	1.5	2
63	Impact of anti-diabetic sodium-glucose cotransporter 2 inhibitors on tumor growth of intractable hematological malignancy in humans. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112864.	2.5	2
64	An atypical case of late-onset systemic lupus erythematosus with systemic lymphadenopathy and severe autoimmune thrombocytopenia/neutropenia mimicking malignant lymphoma. <i>International Journal of Hematology</i> , 2017, 105, 526-531.	0.7	1
65	A pilot assessment of xanthine oxidase activity in plasma from patients with hematological malignancies using a highly sensitive assay. <i>Hematological Oncology</i> , 2019, 37, 527-530.	0.8	1
66	Transplant-related complications are impediments to the success of allogeneic hematopoietic stem cell transplantation for adult T cell leukemia patients in non-complete remission. <i>Bone Marrow Transplantation</i> , 2020, 55, 233-241.	1.3	1
67	Tortoise shell-like mucosa of acute intestinal graft-versus-host disease. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2014, 38, 543-544.	0.7	0
68	Novel STAR gene variant in a patient with classic lipid congenital adrenal hyperplasia and combined pituitary hormone deficiency. <i>Human Genome Variation</i> , 2021, 8, 6.	0.4	0
69	Regional Variations of Insulin Secretion and Insulin Sensitivity in Japanese Participants With Normal Glucose Tolerance. <i>Frontiers in Nutrition</i> , 2021, 8, 632422.	1.6	0
70	4. Obesity Disease and Metabolic Syndrome: Clinical Progress and Future Outlook. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2017, 106, 477-483.	0.0	0
71	<i>Japanese Society of Internal Medicine</i> , 2021, 110, 427-434.	0.0	0
72	Obesity and Voiding Parameters in a Community-Based Population of Okinawa, Japan: Kumejima Digital Health Project (KDHP). <i>Metabolites</i> , 2022, 12, 468.	1.3	0