Kazuo Inoue

List of Publications by Year
in descending order

49	809	623574	526166
papers	citations	14 h-index	27 g-index

49	49	49	1118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of a novel fluorescence intensity assay: identification of distinct fatty acetates as volatile compounds that bind specifically to amino acid region 149-168 of a transmembrane receptor CD36. Bioscience, Biotechnology and Biochemistry, 2022, 86, 509-518.	0.6	2
2	Disruption of CRTC1 and CRTC2 in Sim1 cells strongly increases high-fat diet intake in female mice but has a modest impact on male mice. PLoS ONE, 2022, 17, e0262577.	1.1	1
3	Stimulation of G_s signaling in MC4R cells by DREADD increases energy expenditure, suppresses food intake, and increases locomotor activity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2022, 322, E436-E445.	1.8	4
4	Screening of flavor compounds usingUcp1-luciferase reporter beige adipocytes identified 5-methylquinoxaline as a novel UCP1-inducing compound. Bioscience, Biotechnology and Biochemistry, 2022, 86, 380-389.	0.6	2
5	Wheatâ€ghretropins: novel ghrelinâ€releasing peptides derived from wheat protein. FEBS Open Bio, 2021, 11, 1144-1152.	1.0	6
6	Loss of CREB Coactivator CRTC1 in SF1 Cells Leads to Hyperphagia and Obesity by High-fat Diet But Not Normal Chow Diet. Endocrinology, 2021, 162, .	1.4	3
7	Metabolome analysis revealed that soybeanâ€“Aspergillus oryzae interaction induced dynamic metabolic and daidzein prenylation changes. PLoS ONE, 2021, 16, e0254190.	1.1	7
8	Assessment of direct binding interaction between CD36 and its potential lipid ligands using a peptide mimic of the receptor labeled with a fluorophore. Biomedical Research, 2021, 42, 181-191.	0.3	3
9	Methylglyoxal attenuates isoproterenol-induced increase in uncoupling protein 1 expression through activation of JNK signaling pathway in beige adipocytes. Biochemistry and Biophysics Reports, 2021, 28, 101127.	0.7	1
10	Long non-coding RNA 2310069B03Rik functions as a suppressor of Ucp1 expression under prolonged cold exposure in murine beige adipocytes. Bioscience, Biotechnology and Biochemistry, 2020, 84, 305-313.	0.6	9
11	Neuromuscular Electrical Stimulation Improves Energy Substrate Metabolism and Survival in Mice With Acute Endotoxic Shock. Shock, 2020, 53, 236-241.	1.0	2
12	Comparative Analysis of the Preventive Effects of Canagliflozin, a Sodium-Glucose Co-Transporter-2 Inhibitor, on Body Weight Gain Between Oral Gavage and Dietary Administration by Focusing on Fatty Acid Metabolism . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 4353-4359.	1.1	4
13	Antiâ€inflammatory and Antioxidative Properties of Isoflavones Provide Renal Protective Effects Distinct from Those of Dietary Soy Proteins against Diabetic Nephropathy. Molecular Nutrition and Food Research, 2020, 64, e2000015.	1.5	21
14	Glycerol kinase stimulates uncoupling protein 1 expression by regulating fatty acid metabolism in beige adipocytes. Journal of Biological Chemistry, 2020, 295, 7033-7045.	1.6	15
15	Comprehensive analysis of a dipeptide library to identify ghrelin releaseâ€modulating peptides. FEBS Letters, 2019, 593, 2637-2645.	1.3	9
16	Orally administered milkâ€derived tripeptide improved cognitive decline in mice fed a highâ€fat diet. FASEB Journal, 2019, 33, 14095-14102.	0.2	16
17	Chronic high corticosterone with voluntary corn oil ingestion induces significant body weight gain in mice. Physiology and Behavior, 2019, 204, 112-120.	1.0	5
18	Ser-Tyr and Asn-Ala, vasorelaxing dipeptides found by comprehensive screening, reduce blood pressure via different age-dependent mechanisms. Aging, 2019, 11, 9492-9499.	1.4	5

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19	Alterations in energy substrate metabolism in mice with different degrees of sepsis. Journal of Surgical Research, 2018, 227, 44-51.	0.8	22
20	Allyl isothiocyanate increases carbohydrate oxidation through enhancing insulin secretion by TRPV1. Bioscience, Biotechnology and Biochemistry, 2018, 82, 698-708.	0.6	9
21	A role for scavenger receptor B1 as a captor of specific fatty acids in taste buds of circumvallate papillae . Biomedical Research, 2018, 39, 295-300.	0.3	1
22	Effect of Japanese dashi on Autonomic Nervous System Activity and Mental Fatigue in Humans. Nihon EiyÅ•ShokuryÅ•Gakkai Shi = Nippon EiyÅ•ShokuryÅ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science, 2018, 71, 133-139.	0.2	4
23	Activin E Controls Energy Homeostasis in Both Brown and White Adipose Tissues as a Hepatokine. Cell Reports, 2018, 25, 1193-1203.	2.9	54
24	Voluntary Corn Oil Ingestion Increases Energy Expenditure and Interscapular UCP1 Expression Through the Sympathetic Nerve in C57BL/6 Mice. Molecular Nutrition and Food Research, 2018, 62, e1800241.	1.5	4
25	A novel role for scavenger receptor B1 as a contributor to the capture of specific volatile odorants in the nasal cavity . Biomedical Research, 2018, 39, 117-129.	0.3	5
26	Low-fat diet, and medium-fat diets containing coconut oil and soybean oil exert different metabolic effects in untrained and treadmill-trained mice. Journal of the International Society of Sports Nutrition, 2018, 15, 29.	1.7	8
27	The contribution of aromatic components in Katsuobushi to preference formation and reinforcement effect. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1561-1568.	0.6	1
28	CD36 is essential for endurance improvement, changes inÂwhole-body metabolism, and efficient PPAR-related transcriptional responses in the muscle with exercise training. Physiological Reports, 2017, 5, e13282.	0.7	15
29	Assessment of direct interaction between CD36 and an oxidized glycerophospholipid species. Journal of Biochemistry, 2017, 162, 163-172.	0.9	9
30	Assessment of direct interaction between CD36 and an oxidized glycerophospholipid species. Journal of Biochemistry, 2017, 162, 63-63.	0.9	0
31	A Search for CD36 Ligands from Flavor Volatiles in Foods with an Aldehyde Moiety: Identification of Saturated Aliphatic Aldehydes with 9â€“16 Carbon Atoms as Potential Ligands of the Receptor. Journal of Agricultural and Food Chemistry, 2017, 65, 6647-6655.	2.4	8
32	CD36 involvement in the olfactory perception of oleic aldehyde, an odour-active volatile compound, in mice . Biomedical Research, 2017, 38, 207-213.	0.3	9
33	A single aldehyde group can serve as a structural element for recognition by transmembrane protein CD36. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1375-1378.	0.6	9
34	Deletion of the transcriptional coactivator PGC1Î± in skeletal muscles is associated with reduced expression of genes related to oxidative muscle function. Biochemical and Biophysical Research Communications, 2016, 481, 251-258.	1.0	12
35	Combined pharmacological activation of AMPK and PPARÎ´potentiates the effects of exercise in trained mice. Physiological Reports, 2016, 4, e12625.	0.7	22
36	Hepatocyte Î²â€Klotho regulates lipid homeostasis but not body weight in mice. FASEB Journal, 2016, 30, 849-862.	0.2	17

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37	Expression of CD36 by Olfactory Receptor Cells and Its Abundance on the Epithelial Surface in Mice. PLoS ONE, 2015, 10, e0133412.	1.1	24
38	Deletion of the Neurotrophic Factor neudesin Prevents Diet-induced Obesity by Increased Sympathetic Activity. Scientific Reports, 2015, 5, 10049.	1.6	25
39	The opioid system contributes to the acquisition of reinforcement for dietary fat but is not required for its maintenance. Physiology and Behavior, 2015, 138, 227-235.	1.0	10
40	Critical roles of nardilysin in the maintenance of body temperature homoeostasis. Nature Communications, 2014, 5, 3224.	5.8	36
41	A Synthetic Peptide-Based Assay System for Detecting Binding between CD36 and an Oxidized Low-Density Lipoprotein. Bioscience, Biotechnology and Biochemistry, 2013, 77, 132-137.	0.6	11
42	Assessment of Key Amino-Acid Residues of CD36 in Specific Binding Interaction with an Oxidized Low-Density Lipoprotein. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1134-1137.	0.6	12
43	Central Fatigue and TGF-Î². Advances in Neuroimmune Biology, 2013, 4, 229-236.	0.7	0
44	Inhibition by a Capsaicin Antagonist (Capsazepine) of Capsaicin-induced Swimming Capacity Increase in Mice. Bioscience, Biotechnology and Biochemistry, 1998, 62, 2444-2445.	0.6	12
45	Swimming Capacity of Mice Is Increased by Oral Administration of a Nonpungent Capsaicin Analog, Stearoyl Vanillylamide. Journal of Nutrition, 1998, 128, 1978-1983.	1.3	22
46	Increase in Swimming Endurance Capacity of Mice by Capsaicin-induced Adrenal Catecholamine Secretion. Bioscience, Biotechnology and Biochemistry, 1997, 61, 1718-1723.	0.6	69
47	An adjustable-current swimming pool for the evaluation of endurance capacity of mice. Journal of Applied Physiology, 1996, 81, 1843-1849.	1.2	120
48	Androgen receptor antagonist suppresses exercise-induced hypertrophy of skeletal muscle. European Journal of Applied Physiology and Occupational Physiology, 1994, 69, 88-91.	1.2	92
49	An Extract ofGymnema sylvestre Leaves and Purified Gymnemic Acid Inhibits Glucose-Stimulated Gastric Inhibitory Peptide Secretion in Rats. Journal of Nutrition, 1992, 122, 2367-2373.	1.3	52