Teppei Fujikawa

List of Publications by Year in descending order

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29 papers	1,564 citations	471509 17 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	2293 citing authors

#	Article	IF	Citations
1	SIRT1 Deacetylase in POMC Neurons Is Required for Homeostatic Defenses against Diet-Induced Obesity. Cell Metabolism, 2010, 12, 78-87.	16.2	216
2	Xbp1s in Pomc Neurons Connects ER Stress with Energy Balance and Glucose Homeostasis. Cell Metabolism, 2014, 20, 471-482.	16.2	213
3	Leptin therapy improves insulin-deficient type 1 diabetes by CNS-dependent mechanisms in mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17391-17396.	7.1	190
4	SIRT1 Deacetylase in SF1 Neurons Protects against Metabolic Imbalance. Cell Metabolism, 2011, 14, 301-312.	16.2	138
5	Central Administration of Resveratrol Improves Diet-Induced Diabetes. Endocrinology, 2009, 150, 5326-5333.	2.8	118
6	Leptin Engages a Hypothalamic Neurocircuitry to Permit Survival in the Absence of Insulin. Cell Metabolism, 2013, 18, 431-444.	16.2	115
7	Revisiting the Ventral Medial Nucleus of the Hypothalamus: The Roles of SF-1 Neurons in Energy Homeostasis. Frontiers in Neuroscience, 2013, 7, 71.	2.8	93
8	POMC neurons expressing leptin receptors coordinate metabolic responses to fasting via suppression of leptin levels. ELife, 2018, 7, .	6.0	77
9	Enhanced insulin sensitivity in skeletal muscle and liver by physiological overexpression of SIRT6. Molecular Metabolism, 2015, 4, 846-856.	6.5	47
10	Elevated resistin levels induce central leptin resistance and increased atherosclerotic progression in mice. Diabetologia, 2014, 57, 1209-1218.	6.3	44
11	SF-1 expression in the hypothalamus is required for beneficial metabolic effects of exercise. ELife, 2016, 5, .	6.0	37
12	High-Phosphate Diet Induces Exercise Intolerance and Impairs Fatty Acid Metabolism in Mice. Circulation, 2019, 139, 1422-1434.	1.6	36
13	NURR1 activation in skeletal muscle controls systemic energy homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11299-11308.	7.1	35
14	Increased Noradrenergic Activity in the Ventromedial Hypothalamus during Treadmill Running in Rats. Journal of Nutritional Science and Vitaminology, 2010, 56, 185-190.	0.6	32
15	Noradrenergic projections to the ventromedial hypothalamus regulate fat metabolism during endurance exercise. Neuroscience, 2011, 190, 239-250.	2.3	21
16	Deadenylase-dependent mRNA decay of GDF15 and FGF21 orchestrates food intake and energy expenditure. Cell Metabolism, 2022, 34, 564-580.e8.	16.2	21
17	Living without insulin: the role of leptin signaling in the hypothalamus. Frontiers in Neuroscience, 2015, 9, 108.	2.8	20
18	Increase in transforming growth factor-Î² in the brain during infection is related to fever, not depression of spontaneous motor activity. Neuroscience, 2007, 144, 1133-1140.	2.3	16

#	Article	IF	Citations
19	Glucose-Lowering by Leptin in the Absence of Insulin Does Not Fully Rely on the Central Melanocortin System in Male Mice. Endocrinology, 2019, 160, 651-663.	2.8	14
20	Transforming growth factor-beta in the brain enhances fat oxidation via noradrenergic neurons in the ventromedial and paraventricular hypothalamic nucleus. Brain Research, 2007, 1173, 92-101.	2.2	11
21	P110Î² in the ventromedial hypothalamus regulates glucose and energy metabolism. Experimental and Molecular Medicine, 2019, 51, 1-9.	7.7	10
22	Central regulation of glucose metabolism in an insulinâ€dependent and â€independent manner. Journal of Neuroendocrinology, 2021, 33, e12941.	2.6	9
23	CB1Rs in VMH neurons regulate glucose homeostasis but not body weight. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E146-E155.	3.5	9
24	Leptin Receptors in RIP-Cre25Mgn Neurons Mediate Anti-dyslipidemia Effects of Leptin in Insulin-Deficient Mice. Frontiers in Endocrinology, 2020, 11, 588447.	3.5	8
25	Inhibition of fatty acid oxidation activates transforming growth factor-beta in cerebrospinal fluid and decreases spontaneous motor activity. Physiology and Behavior, 2010, 101, 370-375.	2.1	7
26	Blood Lactate Functions as a Signal for Enhancing Fatty Acid Metabolism during Exercise via TGF-^|^beta; in the Brain. Journal of Nutritional Science and Vitaminology, 2012, 58, 88-95.	0.6	7
27	Intracisternal administration of transforming growth factor-Î² evokes fever through the induction of cyclooxygenase-2 in brain endothelial cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R266-R275.	1.8	6
28	Hypothalamic-mediated control of glucose balance in the presence and absence of insulin. Aging, 2014, 6, 92-97.	3.1	5
29	Blood lactate functions as a signal for enhancing fatty acid metabolism during exercise via TGF-Î² in the brain. Journal of Nutritional Science and Vitaminology, 2012, 58, 88-95.	0.6	3