Yuko Okamatsu-Ogura

List of Publications by Year
in descending order

55	3,036	430874 18	182427 51
papers	citations	h-index	g-index

56	56	56	4114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selenoprotein P-mediated reductive stress impairs cold-induced thermogenesis in brown fat. Cell Reports, 2022, 38, 110566.	6.4	13
2	Changes in liver microRNA expression and their possible regulatory role in energy metabolism-related genes in hibernating black bears. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 397-409.	1.5	4
3	Chronic low-dose exposure to imidacloprid potentiates high fat diet-mediated liver steatosis in C57BL/6J male mice. Journal of Veterinary Medical Science, 2021, 83, 487-500.	0.9	4
4	Kruppelâ€like factorÂ15 regulates fuel switching between glucose and fatty acids in brown adipocytes. Journal of Diabetes Investigation, 2021, 12, 1144-1151.	2.4	8
5	Opposing functions of Î±- and Î²-adrenoceptors in the formation of processes by cultured astrocytes. Journal of Pharmacological Sciences, 2021, 145, 228-240.	2.5	5
6	Melaninâ€concentrating hormoneâ€producing neurons in the hypothalamus regulate brown adipose tissue and thus contribute to energy expenditure. Journal of Physiology, 2021, , .	2.9	10
7	Expression of Grainyhead-like 2 in the Process of Ductal Development of Mouse Mammary Gland. Journal of Histochemistry and Cytochemistry, 2021, 69, 373-388.	2.5	3
8	Adipocytes and Stromal Cells Regulate Brown Adipogenesis Through Secretory Factors During the Postnatal White-to-Brown Conversion of Adipose Tissue in Syrian Hamsters. Frontiers in Cell and Developmental Biology, 2021, 9, 698692.	3.7	4
9	Visualization of intracellular lipid metabolism in brown adipocytes by time-lapse ultra-multiplex CARS microspectroscopy with an onstage incubator. Journal of Chemical Physics, 2021, 155, 125102.	3.0	5
10	The response of adipose tissues to <i>Mycoplasma pulmonis</i> and Sendai virus infection in C57BL/6 and DBA/2 mice. Journal of Veterinary Medical Science, 2021, 83, 403-411.	0.9	1
11	Cold-induced Conversion of Connective Tissue Skeleton in Brown Adipose Tissues. Acta Histochemica Et Cytochemica, 2021, 54, 131-141.	1.6	2
12	Bacteroides spp. promotes branched-chain amino acid catabolism in brown fat and inhibits obesity. IScience, 2021, 24, 103342.	4.1	58
13	UCP1-dependent and UCP1-independent metabolic changes induced by acute cold exposure in brown adipose tissue of mice. Metabolism: Clinical and Experimental, 2020, 113, 154396.	3.4	43
14	Unique Running Pattern and Mucosal Morphology Found in the Colon of Cotton Rats. Frontiers in Physiology, 2020, 11, 587214.	2.8	2
15	Characterization of brown adipose tissue thermogenesis in the naked mole-rat (Heterocephalus) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	13
16	Hibernating bear serum hinders osteoclastogenesis in-vitro. PLoS ONE, 2020, 15, e0238132.	2.5	5
17	Brown Adipose Tissue, Diet-Induced Thermogenesis, and Thermogenic Food Ingredients: From Mice to Men. Frontiers in Endocrinology, 2020, 11, 222.	3.5	131
18	Fucoxanthin inhibits hepatic oxidative stress, inflammation, and fibrosis in diet-induced nonalcoholic steatohepatitis model mice. Biochemical and Biophysical Research Communications, 2020, 528, 305-310.	2.1	34

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19	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0
20	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0
21	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0
22	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0
23	Evaluation of Glucose Uptake and Uncoupling Protein 1 Activity in Adipose Tissue of Diabetic Mice upon Î²-Adrenergic Stimulation. Molecular Imaging and Biology, 2019, 21, 249-256.	2.6	8
24	Association of circulating exosomal miR-122 levels with BAT activity in healthy humans. Scientific Reports, 2019, 9, 13243.	3.3	18
25	Impaired adrenergic agonist-dependent beige adipocyte induction in obese mice. Journal of Veterinary Medical Science, 2019, 81, 799-807.	0.9	6
26	Fatâ€specific protein 27Î± inhibits autophagyâ€dependent lipid droplet breakdown in white adipocytes. Journal of Diabetes Investigation, 2019, 10, 1419-1429.	2.4	2
27	Interaction of Nerve Growth Factor Î² with Adiponectin and SPARC Oppositely Modulates its Biological Activity. International Journal of Molecular Sciences, 2019, 20, 1541.	4.1	7
28	Role of brown adipose tissue in body temperature control during the early postnatal period in Syrian hamsters and mice. Journal of Veterinary Medical Science, 2019, 81, 1461-1467.	0.9	10
29	Differentiation of bone marrowâ€derived cells toward thermogenic adipocytes in white adipose tissue induced by the Î²3 adrenergic stimulation. FASEB Journal, 2019, 33, 5196-5207.	0.5	8
30	Effect of ambient temperature on the proliferation of brown adipocyte progenitors and endothelial cells during postnatal BAT development in Syrian hamsters. Journal of Physiological Sciences, 2019, 69, 23-30.	2.1	5
31	Royal jelly ameliorates diet-induced obesity and glucose intolerance by promoting brown adipose tissue thermogenesis in mice. Obesity Research and Clinical Practice, 2018, 12, 127-137.	1.8	26
32	Adiponectin suppression of late inflammatory mediator, HMGB1-induced cytokine expression in RAW264 macrophage cells. Journal of Biochemistry, 2018, 163, 143-153.	1.7	11
33	Brown adipocytes postnatally arise through both differentiation from progenitors and conversion from white adipocytes in Syrian hamster. Journal of Applied Physiology, 2018, 124, 99-108.	2.5	10
34	Role of macrophages in depot-dependent browning of white adipose tissue. Journal of Physiological Sciences, 2018, 68, 601-608.	2.1	13
35	Fasting-dependent Vascular Permeability Enhancement in Brown Adipose Tissues Evidenced by Using Carbon Nanotubes as Fluorescent Probes. Scientific Reports, 2018, 8, 14446.	3.3	17
36	Melinjo (Gnetum gnemon L.) seed extract induces uncoupling protein 1 expression in brown fat and protects mice against diet-induced obesity, inflammation, and insulin resistance. Nutrition Research, 2018, 58, 17-25.	2.9	11

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37	Retinoic acid modulates lipid accumulation glucose concentration dependently through inverse regulation of <scp>SREBP</scp>â€1 expression in 3T3L1 adipocytes. Genes To Cells, 2017, 22, 568-582.	1.2	10
38	Near-Infrared Photoluminescent Carbon Nanotubes for Imaging of Brown Fat. Scientific Reports, 2017, 7, 44760.	3.3	71
39	Impaired adrenergic agonistâ€dependent beige adipocyte induction in aged mice. Obesity, 2017, 25, 417-423.	3.0	19
40	Cell-cycle arrest in mature adipocytes impairs BAT development but not WAT browning, and reduces adaptive thermogenesis in mice. Scientific Reports, 2017, 7, 6648.	3.3	21
41	Progesterone dose-dependently modulates hepatocyte growth factor production in 3T3-L1 mouse preadipocytes. Endocrine Journal, 2017, 64, 777-785.	1.6	1
42	Adiponectin Inhibits LPS-Induced HMGB1 Release through an AMP Kinase and Heme Oxygenase-1-Dependent Pathway in RAW 264 Macrophage Cells. Mediators of Inflammation, 2016, 2016, 1-9.	3.0	19
43	Cold Exposure Induces Proliferation of Mature Brown Adipocyte in a ÃŸ3-Adrenergic Receptor-Mediated Pathway. PLoS ONE, 2016, 11, e0166579.	2.5	28
44	Brown adipose tissue expresses uncoupling protein 1 in newborn harbor seals (Phoca vitulina). Marine Mammal Science, 2015, 31, 818-827.	1.8	3
45	Capsinoids suppress diet-induced obesity through uncoupling protein 1-dependent mechanism in mice. Journal of Functional Foods, 2015, 19, 1-9.	3.4	17
46	Temperature Changes in Brown Adipocytes Detected with a Bimaterial Microcantilever. Biophysical Journal, 2014, 106, 2458-2464.	0.5	37
47	Organ-specific changes in norepinephrine turnover against various stress conditions in thermoneutral mice. Japanese Journal of Veterinary Research, 2014, 62, 117-27.	0.7	4
48	Thermogenic Ability of Uncoupling Protein 1 in Beige Adipocytes in Mice. PLoS ONE, 2013, 8, e84229.	2.5	67
49	Ageâ€Related Decrease in Coldâ€Activated Brown Adipose Tissue and Accumulation of Body Fat in Healthy Humans. Obesity, 2011, 19, 1755-1760.	3.0	402
50	Possible involvement of uncoupling protein 1 in appetite control by leptin. Experimental Biology and Medicine, 2011, 236, 1274-1281.	2.4	25
51	High Incidence of Metabolically Active Brown Adipose Tissue in Healthy Adult Humans. Diabetes, 2009, 58, 1526-1531.	0.6	1,650
52	Brown fat UCP1 is not involved in the febrile and thermogenic responses to IL-1Î² in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1135-E1139.	3.5	17
53	Dayâ€“night difference in Î²3-adrenoceptor agonist-induced energy expenditure: Contribution of brown fat thermogenesis and physical activity. Obesity Research and Clinical Practice, 2007, 1, 61-67.	1.8	4
54	Uncoupling protein 1 contributes to fat-reducing effect of leptin. Obesity Research and Clinical Practice, 2007, 1, 233-241.	1.8	20

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55	Indispensable role of mitochondrial UCP1 for antiobesity effect of Î²3-adrenergic stimulation. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E1014-E1021.	3.5	123