

# Yuko Okamatsu-Ogura

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

3,036  
citations

430874

18  
h-index

182427

51  
g-index

56  
all docs

56  
docs citations

56  
times ranked

4114  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Incidence of Metabolically Active Brown Adipose Tissue in Healthy Adult Humans. <i>Diabetes</i> , 2009, 58, 1526-1531.	0.6	1,650
2	Age-Related Decrease in Cold-Activated Brown Adipose Tissue and Accumulation of Body Fat in Healthy Humans. <i>Obesity</i> , 2011, 19, 1755-1760.	3.0	402
3	Brown Adipose Tissue, Diet-Induced Thermogenesis, and Thermogenic Food Ingredients: From Mice to Men. <i>Frontiers in Endocrinology</i> , 2020, 11, 222.	3.5	131
4	Indispensable role of mitochondrial UCP1 for antiobesity effect of $\beta$ 3-adrenergic stimulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E1014-E1021.	3.5	123
5	Near-Infrared Photoluminescent Carbon Nanotubes for Imaging of Brown Fat. <i>Scientific Reports</i> , 2017, 7, 44760.	3.3	71
6	Thermogenic Ability of Uncoupling Protein 1 in Beige Adipocytes in Mice. <i>PLoS ONE</i> , 2013, 8, e84229.	2.5	67
7	<i>Bacteroides</i> spp. promotes branched-chain amino acid catabolism in brown fat and inhibits obesity. <i>IScience</i> , 2021, 24, 103342.	4.1	58
8	UCP1-dependent and UCP1-independent metabolic changes induced by acute cold exposure in brown adipose tissue of mice. <i>Metabolism: Clinical and Experimental</i> , 2020, 113, 154396.	3.4	43
9	Temperature Changes in Brown Adipocytes Detected with a Bimaterial Microcantilever. <i>Biophysical Journal</i> , 2014, 106, 2458-2464.	0.5	37
10	Fucoxanthin inhibits hepatic oxidative stress, inflammation, and fibrosis in diet-induced nonalcoholic steatohepatitis model mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 305-310.	2.1	34
11	Cold Exposure Induces Proliferation of Mature Brown Adipocyte in a $\beta$ 3-Adrenergic Receptor-Mediated Pathway. <i>PLoS ONE</i> , 2016, 11, e0166579.	2.5	28
12	Royal jelly ameliorates diet-induced obesity and glucose intolerance by promoting brown adipose tissue thermogenesis in mice. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 127-137.	1.8	26
13	Possible involvement of uncoupling protein 1 in appetite control by leptin. <i>Experimental Biology and Medicine</i> , 2011, 236, 1274-1281.	2.4	25
14	Cell-cycle arrest in mature adipocytes impairs BAT development but not WAT browning, and reduces adaptive thermogenesis in mice. <i>Scientific Reports</i> , 2017, 7, 6648.	3.3	21
15	Uncoupling protein 1 contributes to fat-reducing effect of leptin. <i>Obesity Research and Clinical Practice</i> , 2007, 1, 233-241.	1.8	20
16	Adiponectin Inhibits LPS-Induced HMGB1 Release through an AMP Kinase and Heme Oxygenase-1-Dependent Pathway in RAW 264 Macrophage Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9.	3.0	19
17	Impaired adrenergic agonist-dependent beige adipocyte induction in aged mice. <i>Obesity</i> , 2017, 25, 417-423.	3.0	19
18	Association of circulating exosomal miR-122 levels with BAT activity in healthy humans. <i>Scientific Reports</i> , 2019, 9, 13243.	3.3	18

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19	Brown fat UCP1 is not involved in the febrile and thermogenic responses to IL-1 $\beta$ in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1135-E1139.	3.5	17
20	Capsinoids suppress diet-induced obesity through uncoupling protein 1-dependent mechanism in mice. <i>Journal of Functional Foods</i> , 2015, 19, 1-9.	3.4	17
21	Fasting-dependent Vascular Permeability Enhancement in Brown Adipose Tissues Evidenced by Using Carbon Nanotubes as Fluorescent Probes. <i>Scientific Reports</i> , 2018, 8, 14446.	3.3	17
22	Role of macrophages in depot-dependent browning of white adipose tissue. <i>Journal of Physiological Sciences</i> , 2018, 68, 601-608.	2.1	13
23	Characterization of brown adipose tissue thermogenesis in the naked mole-rat ( <i>Heterocephalus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 13	3.3	13
24	Selenoprotein P-mediated reductive stress impairs cold-induced thermogenesis in brown fat. <i>Cell Reports</i> , 2022, 38, 110566.	6.4	13
25	Adiponectin suppression of late inflammatory mediator, HMGB1-induced cytokine expression in RAW264 macrophage cells. <i>Journal of Biochemistry</i> , 2018, 163, 143-153.	1.7	11
26	Melinjo ( <i>Gnetum gnemon</i> L.) seed extract induces uncoupling protein 1 expression in brown fat and protects mice against diet-induced obesity, inflammation, and insulin resistance. <i>Nutrition Research</i> , 2018, 58, 17-25.	2.9	11
27	Retinoic acid modulates lipid accumulation glucose concentration dependently through inverse regulation of SREBP-1 expression in 3T3L1 adipocytes. <i>Genes To Cells</i> , 2017, 22, 568-582.	1.2	10
28	Brown adipocytes postnatally arise through both differentiation from progenitors and conversion from white adipocytes in Syrian hamster. <i>Journal of Applied Physiology</i> , 2018, 124, 99-108.	2.5	10
29	Role of brown adipose tissue in body temperature control during the early postnatal period in Syrian hamsters and mice. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1461-1467.	0.9	10
30	Melanin-concentrating hormone-producing neurons in the hypothalamus regulate brown adipose tissue and thus contribute to energy expenditure. <i>Journal of Physiology</i> , 2021, , .	2.9	10
31	Evaluation of Glucose Uptake and Uncoupling Protein 1 Activity in Adipose Tissue of Diabetic Mice upon $\beta$ -Adrenergic Stimulation. <i>Molecular Imaging and Biology</i> , 2019, 21, 249-256.	2.6	8
32	Differentiation of bone marrow-derived cells toward thermogenic adipocytes in white adipose tissue induced by the $\beta$ 3 adrenergic stimulation. <i>FASEB Journal</i> , 2019, 33, 5196-5207.	0.5	8
33	Kruppel-like factor 15 regulates fuel switching between glucose and fatty acids in brown adipocytes. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1144-1151.	2.4	8
34	Interaction of Nerve Growth Factor $\beta$ 2 with Adiponectin and SPARC Oppositely Modulates its Biological Activity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1541.	4.1	7
35	Impaired adrenergic agonist-dependent beige adipocyte induction in obese mice. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 799-807.	0.9	6
36	Effect of ambient temperature on the proliferation of brown adipocyte progenitors and endothelial cells during postnatal BAT development in Syrian hamsters. <i>Journal of Physiological Sciences</i> , 2019, 69, 23-30.	2.1	5

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37	Hibernating bear serum hinders osteoclastogenesis in-vitro. PLoS ONE, 2020, 15, e0238132.	2.5	5
38	Opposing functions of $\hat{1}\pm$ - and $\hat{1}^2$ -adrenoceptors in the formation of processes by cultured astrocytes. Journal of Pharmacological Sciences, 2021, 145, 228-240.	2.5	5
39	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
40	Dayâ€“night difference in $\hat{1}^{23}$ -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
41	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
42	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
43	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
44	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
45	Brown adipose tissue expresses uncoupling protein 1 in newborn harbor seals (<i>Phoca vitulina</i>). Marine Mammal Science, 2015, 31, 818-827.	1.8	3
46	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
47	Fatâ€“specific protein 27 $\hat{1}\pm$ inhibits autophagyâ€“dependent lipid droplet breakdown in white adipocytes. Journal of Diabetes Investigation, 2019, 10, 1419-1429.	2.4	2
48	Unique Running Pattern and Mucosal Morphology Found in the Colon of Cotton Rats. Frontiers in Physiology, 2020, 11, 587214.	2.8	2
49	Cold-induced Conversion of Connective Tissue Skeleton in Brown Adipose Tissues. Acta Histochemica Et Cytochemica, 2021, 54, 131-141.	1.6	2
50	Progesterone dose-dependently modulates hepatocyte growth factor production in 3T3-L1 mouse preadipocytes. Endocrine Journal, 2017, 64, 777-785.	1.6	1
51	The response of adipose tissues to &lt;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
52	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0
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54	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0

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55	Hibernating bear serum hinders osteoclastogenesis in-vitro. , 2020, 15, e0238132.		0