

Yun-Hee Lee

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,072
citations

218677
26
h-index

189892
50
g-index

53
all docs

53
docs citations

53
times ranked

4787
citing authors

#	ARTICLE	IF	CITATIONS
1	InÂVivo Identification of Bipotential Adipocyte Progenitors Recruited by Î²3-Adrenoceptor Activation and High-Fat Feeding. <i>Cell Metabolism</i> , 2012, 15, 480-491.	16.2	570
2	Deconstructing Adipogenesis Induced by Î²3-Adrenergic Receptor Activation with Single-Cell Expression Profiling. <i>Cell Metabolism</i> , 2018, 28, 300-309.e4.	16.2	250
3	Cellular origins of coldâ€induced brown adipocytes in adult mice. <i>FASEB Journal</i> , 2015, 29, 286-299.	0.5	242
4	Coupling of lipolysis and de novo lipogenesis in brown, beige, and white adipose tissues during chronic Î²3-adrenergic receptor activation. <i>Journal of Lipid Research</i> , 2014, 55, 2276-2286.	4.2	230
5	Identification of an Adipogenic Niche for Adipose Tissue Remodeling and Restoration. <i>Cell Metabolism</i> , 2013, 18, 355-367.	16.2	229
6	Adipose tissue plasticity from WAT to BAT and in between. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 358-369.	3.8	166
7	Interleukin-6/STAT3 signalling regulates adipocyte induced epithelial-mesenchymal transition in breast cancer cells. <i>Scientific Reports</i> , 2018, 8, 8859.	3.3	102
8	Sex differences in sympathetic innervation and browning of white adipose tissue of mice. <i>Biology of Sex Differences</i> , 2016, 7, 67.	4.1	95
9	Hepatoprotective effect of licorice, the root of <i>Glycyrrhiza uralensis</i> Fischer, in alcohol-induced fatty liver disease. <i>BMC Complementary and Alternative Medicine</i> , 2015, 16, 19.	3.7	80
10	Adipogenic role of alternatively activated macrophages in Î²2-adrenergic remodeling of white adipose tissue. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R55-R65.	1.8	77
11	Epithelial-mesenchymal Transition is Associated with Acquired Resistance to 5-Fluorouracil in HT-29 Colon Cancer Cells. <i>Toxicological Research</i> , 2015, 31, 151-156.	2.1	61
12	Anti-inflammatory effect of tricin 4â€O-(threo-Î²-guaiacylglyceryl) ether, a novel flavonolignan compound isolated from <i>Njavara</i> on in RAW264.7 cells and in ear mice edema. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 67-76.	2.8	53
13	Metabolic heterogeneity of activated beige/brite adipocytes in inguinal adipose tissue. <i>Scientific Reports</i> , 2017, 7, 39794.	3.3	53
14	Loss of the E3 ubiquitin ligase MKRN1 represses diet-induced metabolic syndrome through AMPK activation. <i>Nature Communications</i> , 2018, 9, 3404.	12.8	50
15	Connexin 43 is required for the maintenance of mitochondrial integrity in brown adipose tissue. <i>Scientific Reports</i> , 2017, 7, 7159.	3.3	46
16	Recent advance in brown adipose physiology and its therapeutic potential. <i>Experimental and Molecular Medicine</i> , 2014, 46, e78-e78.	7.7	42
17	Effects of Epigallocatechin-3-Gallate on Autophagic Lipolysis in Adipocytes. <i>Nutrients</i> , 2017, 9, 680.	4.1	42
18	Barley Sprouts Extract Attenuates Alcoholic Fatty Liver Injury in Mice by Reducing Inflammatory Response. <i>Nutrients</i> , 2016, 8, 440.	4.1	41

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19	Jak-TGF β ² cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018, 11, .	3.6	41
20	Sex-specific metabolic interactions between liver and adipose tissue in MCD diet-induced non-alcoholic fatty liver disease. <i>Oncotarget</i> , 2016, 7, 46959-46971.	1.8	41
21	MicroRNA-10a-5p regulates macrophage polarization and promotes therapeutic adipose tissue remodeling. <i>Molecular Metabolism</i> , 2019, 29, 86-98.	6.5	40
22	Niclosamide reverses adipocyte induced epithelial-mesenchymal transition in breast cancer cells via suppression of the interleukin-6/STAT3 signalling axis. <i>Scientific Reports</i> , 2019, 9, 11336.	3.3	39
23	Exploring the activated adipogenic niche: Interactions of macrophages and adipocyte progenitors. <i>Cell Cycle</i> , 2014, 13, 184-190.	2.6	37
24	Phenolics and neolignans isolated from the fruits of <i>Juglans mandshurica</i> Maxim. and their effects on lipolysis in adipocytes. <i>Phytochemistry</i> , 2017, 137, 87-93.	2.9	36
25	Tunicamycin-Induced ER Stress is Accompanied with Oxidative Stress via Abrogation of Sulfur Amino Acids Metabolism in the Liver. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4114.	4.1	36
26	Adipocyte-specific Beclin1 deletion impairs lipolysis and mitochondrial integrity in adipose tissue. <i>Molecular Metabolism</i> , 2020, 39, 101005.	6.5	34
27	Anti-inflammatory role of 15-lipoxygenase contributes to the maintenance of skin integrity in mice. <i>Scientific Reports</i> , 2018, 8, 8856.	3.3	27
28	STK3/STK4 signalling in adipocytes regulates mitophagy and energy expenditure. <i>Nature Metabolism</i> , 2021, 3, 428-441.	11.9	27
29	Epigallocatechin-3-Gallate Reduces Visceral Adiposity Partly through the Regulation of Beclin1-Dependent Autophagy in White Adipose Tissues. <i>Nutrients</i> , 2020, 12, 3072.	4.1	26
30	Specialized Proresolving Mediators for Therapeutic Interventions Targeting Metabolic and Inflammatory Disorders. <i>Biomolecules and Therapeutics</i> , 2021, 29, 455-464.	2.4	25
31	Antiobesity effects of coumestrol through expansion and activation of brown adipose tissue metabolism. <i>Journal of Nutritional Biochemistry</i> , 2020, 76, 108300.	4.2	23
32	Seeking the source of adipocytes in adult white adipose tissues. <i>Adipocyte</i> , 2012, 1, 230-236.	2.8	21
33	Metabolomic Analysis of the Liver of a Dextran Sodium Sulfate-Induced Acute Colitis Mouse Model: Implications of the Gut-Liver Connection. <i>Cells</i> , 2020, 9, 341.	4.1	20
34	Polyhexamethyleneguanidine Phosphate-Induced Cytotoxicity in Liver Cells Is Alleviated by Tauroursodeoxycholic Acid (TUDCA) via a Reduction in Endoplasmic Reticulum Stress. <i>Cells</i> , 2019, 8, 1023.	4.1	19
35	Antioxidant Effect of Barley Sprout Extract via Enhancement of Nuclear Factor-Erythroid 2 Related Factor 2 Activity and Glutathione Synthesis. <i>Nutrients</i> , 2017, 9, 1252.	4.1	17
36	Pharmacokinetic Evaluation of Metabolic Drug Interactions between Repaglinide and Celecoxib by a Bioanalytical HPLC Method for Their Simultaneous Determination with Fluorescence Detection. <i>Pharmaceutics</i> , 2019, 11, 382.	4.5	14

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37	Concentration- and Time-Dependent Effects of Benzalkonium Chloride in Human Lung Epithelial Cells: Necrosis, Apoptosis, or Epithelial Mesenchymal Transition. <i>Toxics</i> , 2020, 8, 17.	3.7	12
38	Adipocyte lysoplasmalogenase TMEM86A regulates plasmalogen homeostasis and protein kinase A-dependent energy metabolism. <i>Nature Communications</i> , 2022, 13, .	12.8	12
39	Regulatory roles of G-protein coupled receptors in adipose tissue metabolism and their therapeutic potential. <i>Archives of Pharmacal Research</i> , 2021, 44, 133-145.	6.3	11
40	REEP6 knockout leads to defective β^2 -adrenergic signaling in adipocytes and promotes obesity-related metabolic dysfunction.. <i>Metabolism: Clinical and Experimental</i> , 2022, 130, 155159.	3.4	11
41	Weaning Mice and Adult Mice Exhibit Differential Carbon Tetrachloride-Induced Acute Hepatotoxicity. <i>Antioxidants</i> , 2020, 9, 201.	5.1	10
42	Germinated Soybean Embryo Extract Ameliorates Fatty Liver Injury in High-Fat Diet-Fed Obese Mice. <i>Pharmaceuticals</i> , 2020, 13, 380.	3.8	9
43	Aging-Induced Brain-Derived Neurotrophic Factor in Adipocyte Progenitors Contributes to Adipose Tissue Dysfunction. , 2020, 11, 575.		8
44	TM4SF5 Knockout Protects Mice From Diet-Induced Obesity Partly by Regulating Autophagy in Adipose Tissue. <i>Diabetes</i> , 2021, 70, 2000-2013.	0.6	8
45	Type I IFN stimulates IFI16-mediated aromatase expression in adipocytes that promotes E2-dependent growth of ER-positive breast cancer. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 306.	5.4	8
46	Development of CIDEA reporter mouse model and its application for screening thermogenic drugs. <i>Scientific Reports</i> , 2021, 11, 18429.	3.3	7
47	Transformation of liver cells by 3-methylcholanthrene potentiates oxidative stress via the downregulation of glutathione synthesis. <i>International Journal of Molecular Medicine</i> , 2017, 40, 2011-2017.	4.0	6
48	Anti-Obesity Effects of Soybean Embryo Extract and Enzymatically-Modified Isoquercitrin. <i>Biomolecules</i> , 2020, 10, 1394.	4.0	6
49	Polymethoxyselenoflavones exert anti-obesity effects through activation of lipolysis and brown adipocyte metabolism. <i>International Journal of Obesity</i> , 2021, 45, 122-129.	3.4	6
50	Anti-obesity effects of heat-transformed green tea extract through the activation of adipose tissue thermogenesis. <i>Nutrition and Metabolism</i> , 2022, 19, 14.	3.0	5
51	Gene Expression and Histological Analysis of Activated Brown Adipocytes in Adipose Tissue. <i>Methods in Molecular Biology</i> , 2017, 1566, 89-98.	0.9	1
52	Antiplatelet Mechanism of 2-Chloro-3-(4-hexylphenyl)-amino-1,4-naphthoquinone (NQ304), an Antithrombotic Agent. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 88, 181-186.	0.0	0