

Ki Woo Kim

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,177
citations

201575

27
h-index

233338

45
g-index

55
all docs

55
docs citations

55
times ranked

3282
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin signalling pathways in hypothalamic neurons. Cellular and Molecular Life Sciences, 2016, 73, 1457-1477.	2.4	184
2	Steroidogenic factor 1 directs programs regulating diet-induced thermogenesis and leptin action in the ventral medial hypothalamic nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10673-10678.	3.3	152
3	Gallic Acid Regulates Body Weight and Glucose Homeostasis Through AMPK Activation. Endocrinology, 2015, 156, 157-168.	1.4	124
4	FOXO1 in the ventromedial hypothalamus regulates energy balance. Journal of Clinical Investigation, 2012, 122, 2578-2589.	3.9	121
5	Gallic Acid Promotes Wound Healing in Normal and Hyperglucidic Conditions. Molecules, 2016, 21, 899.	1.7	117
6	RGS9 ^{Δ2} Negatively Modulates l-3,4-Dihydroxyphenylalanine-Induced Dyskinesia in Experimental Parkinson's Disease. Journal of Neuroscience, 2007, 27, 14338-14348.	1.7	116
7	PI3K Signaling in the Ventromedial Hypothalamic Nucleus Is Required for Normal Energy Homeostasis. Cell Metabolism, 2010, 12, 88-95.	7.2	96
8	Revisiting the Ventral Medial Nucleus of the Hypothalamus: The Roles of SF-1 Neurons in Energy Homeostasis. Frontiers in Neuroscience, 2013, 7, 71.	1.4	93
9	Hypothalamic inflammation and obesity: a mechanistic review. Archives of Pharmacal Research, 2019, 42, 383-392.	2.7	87
10	Central Nervous System-Specific Knockout of Steroidogenic Factor 1 Results in Increased Anxiety-Like Behavior. Molecular Endocrinology, 2008, 22, 1403-1415.	3.7	68
11	Leptin and insulin signaling in dopaminergic neurons: relationship between energy balance and reward system. Frontiers in Psychology, 2014, 5, 846.	1.1	57
12	SF-1 in the ventral medial hypothalamic nucleus: A key regulator of homeostasis. Molecular and Cellular Endocrinology, 2011, 336, 219-223.	1.6	54
13	Hypothalamic AMPK as a Regulator of Energy Homeostasis. Neural Plasticity, 2016, 2016, 1-12.	1.0	51
14	Gallic acid inhibition of Src-Stat3 signaling overcomes acquired resistance to EGF receptor tyrosine kinase inhibitors in advanced non-small cell lung cancer. Oncotarget, 2016, 7, 54702-54713.	0.8	44
15	Prolactin-sensitive neurons express estrogen receptor- α and depend on sex hormones for normal responsiveness to prolactin. Brain Research, 2014, 1566, 47-59.	1.1	43
16	Leptin and insulin engage specific PI3K subunits in hypothalamic SF1 neurons. Molecular Metabolism, 2016, 5, 669-679.	3.0	43
17	Mycosporine-Like Amino Acids Promote Wound Healing through Focal Adhesion Kinase (FAK) and Mitogen-Activated Protein Kinases (MAP Kinases) Signaling Pathway in Keratinocytes. Marine Drugs, 2015, 13, 7055-7066.	2.2	42
18	Hypothalamic control of energy expenditure and thermogenesis. Experimental and Molecular Medicine, 2022, 54, 358-369.	3.2	42

#	ARTICLE	IF	CITATIONS
19	Dnmt3a in Sim1 Neurons Is Necessary for Normal Energy Homeostasis. <i>Journal of Neuroscience</i> , 2014, 34, 15288-15296.	1.7	41
20	CNS-Specific Ablation of Steroidogenic Factor 1 Results in Impaired Female Reproductive Function. <i>Molecular Endocrinology</i> , 2010, 24, 1240-1250.	3.7	38
21	SF-1 expression in the hypothalamus is required for beneficial metabolic effects of exercise. <i>ELife</i> , 2016, 5, .	2.8	37
22	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	35
23	Central nervous system-specific knockout of steroidogenic factor 1. <i>Molecular and Cellular Endocrinology</i> , 2009, 300, 132-136.	1.6	34
24	FoxO1 in dopaminergic neurons regulates energy homeostasis and targets tyrosine hydroxylase. <i>Nature Communications</i> , 2016, 7, 12733.	5.8	34
25	Steroidogenic Factor 1 Regulates Expression of the Cannabinoid Receptor 1 in the Ventromedial Hypothalamic Nucleus. <i>Molecular Endocrinology</i> , 2008, 22, 1950-1961.	3.7	32
26	Peripheral cannabinoid 1 receptor blockade mitigates adipose tissue inflammation via NLRP3 inflammasome in mouse models of obesity. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2179-2189.	2.2	28
27	Insulin priming effect on estradiol-induced breast cancer metabolism and growth. <i>Cancer Biology and Therapy</i> , 2015, 16, 484-492.	1.5	27
28	TRPM3/TRPV4 regulates Ca ²⁺ -mediated RANKL/NFATc1 expression in osteoblasts. <i>Journal of Molecular Endocrinology</i> , 2018, 61, 207-218.	1.1	27
29	A novel peripheral cannabinoid 1 receptor antagonist, AJ5012, improves metabolic outcomes and suppresses adipose tissue inflammation in obese mice. <i>FASEB Journal</i> , 2019, 33, 4314-4326.	0.2	25
30	Emetine enhances the tumor necrosis factor-related apoptosis-inducing ligand-induced apoptosis of pancreatic cancer cells by downregulation of myeloid cell leukemia sequence-1 protein. <i>Oncology Reports</i> , 2014, 31, 456-462.	1.2	24
31	Insulin Regulates Adrenal Steroidogenesis by Stabilizing SF-1 Activity. <i>Scientific Reports</i> , 2018, 8, 5025.	1.6	24
32	Primary Cilia Negatively Regulate Melanogenesis in Melanocytes and Pigmentation in a Human Skin Model. <i>PLoS ONE</i> , 2016, 11, e0168025.	1.1	19
33	Steroidogenic Factor 1 in the Ventromedial Nucleus of the Hypothalamus Regulates Age-Dependent Obesity. <i>PLoS ONE</i> , 2016, 11, e0162352.	1.1	17
34	Hypothalamic primary cilium: A hub for metabolic homeostasis. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1109-1115.	3.2	16
35	A Novel Peptide, Nicotinyl-Isoleucine-Valine-Histidine (NA-IVH), Promotes Antioxidant Gene Expression and Wound Healing in HaCaT Cells. <i>Marine Drugs</i> , 2018, 16, 262.	2.2	15
36	Homer2 and Homer3 modulate RANKL-induced NFATc1 signaling in osteoclastogenesis and bone metabolism. <i>Journal of Endocrinology</i> , 2019, 242, 241-249.	1.2	15

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37	Leucine-enkephalin promotes wound repair through the regulation of hemidesmosome dynamics and matrix metalloprotease. <i>Peptides</i> , 2016, 76, 57-64.	1.2	13
38	Carvedilol improves glucose tolerance and insulin sensitivity in treatment of adrenergic overdrive in high fat diet-induced obesity in mice. <i>PLoS ONE</i> , 2019, 14, e0224674.	1.1	13
39	Nutritional conditions regulate transcriptional activity of SF-1 by controlling sumoylation and ubiquitination. <i>Scientific Reports</i> , 2016, 6, 19143.	1.6	12
40	CCN5 knockout mice exhibit lipotoxic cardiomyopathy with mild obesity and diabetes. <i>PLoS ONE</i> , 2018, 13, e0207228.	1.1	12
41	Serum Fibroblast Growth Factor 21 and New-Onset Metabolic Syndrome: KoGES-ARIRANG Study. <i>Yonsei Medical Journal</i> , 2018, 59, 287.	0.9	12
42	$\hat{1}2$ -Neoeendorphin Enhances Wound Healing by Promoting Cell Migration in Keratinocyte. <i>Molecules</i> , 2020, 25, 4640.	1.7	11
43	Humanin suppresses receptor activator of nuclear factor- $\hat{1}B$ ligand-induced osteoclast differentiation via AMP-activated protein kinase activation. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 411.	0.6	10
44	P110 $\hat{1}2$ in the ventromedial hypothalamus regulates glucose and energy metabolism. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-9.	3.2	10
45	Epigallocatechin-3-Gallate (EGCG)-Inducible SMILE Inhibits STAT3-Mediated Hecpidin Gene Expression. <i>Antioxidants</i> , 2020, 9, 514.	2.2	10
46	p-Coumaric Acid Enhances Hypothalamic Leptin Signaling and Glucose Homeostasis in Mice via Differential Effects on AMPK Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1431.	1.8	10
47	4-hydroxy-3-methoxycinnamic acid regulates orexigenic peptides and hepatic glucose homeostasis through phosphorylation of FoxO1. <i>Experimental and Molecular Medicine</i> , 2018, 50, e437-e437.	3.2	9
48	Neural regulation of energy and bone homeostasis by the synaptic adhesion molecule Calsyntenin-3. <i>Experimental and Molecular Medicine</i> , 2020, 52, 793-803.	3.2	9
49	Sestrin2 Regulates Osteoclastogenesis via the p62-TRAF6 Interaction. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 646803.	1.8	9
50	A prospective study of leucocyte mitochondrial DNA content and deletion in association with the metabolic syndrome. <i>Diabetes and Metabolism</i> , 2017, 43, 280-283.	1.4	7
51	FoxO1 regulates leptin-induced mood behavior by targeting tyrosine hydroxylase. <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 43-52.	1.5	4
52	A Novel Tripeptide Derived from <i>Chlorella vulgaris</i> Regulates Skin Homeostasis Through Antioxidant Activity. <i>Science of Advanced Materials</i> , 2015, 7, 2476-2480.	0.1	2
53	Cover Image, Volume 20, Issue 9. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, i-i.	2.2	0
54	A Novel Tripeptide Derived from <i>Chlorella vulgaris</i> Regulates Skin Homeostasis Through Its Antioxidant Function. <i>Science of Advanced Materials</i> , 2015, 7, 2545-2550.	0.1	0