Ki Woo Kim

List of Publications by Year
in descending order

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	Hypothalamic control of energy expenditure and thermogenesis. Experimental and Molecular Medicine, 2022, 54, 358-369.	3.2	42
2	p-Coumaric Acid Enhances Hypothalamic Leptin Signaling and Glucose Homeostasis in Mice via Differential Effects on AMPK Activation. International Journal of Molecular Sciences, 2021, 22, 1431.	1.8	10
3	Sestrin2 Regulates Osteoclastogenesis via the p62-TRAF6 Interaction. Frontiers in Cell and Developmental Biology, 2021, 9, 646803.	1.8	9
4	Hypothalamic primary cilium: A hub for metabolic homeostasis. Experimental and Molecular Medicine, 2021, 53, 1109-1115.	3.2	16
5	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. Journal of Clinical Investigation, 2021, 131, .	3.9	35
6	Î²-Neoendorphin Enhances Wound Healing by Promoting Cell Migration in Keratinocyte. Molecules, 2020, 25, 4640.	1.7	11
7	Neural regulation of energy and bone homeostasis by the synaptic adhesion molecule Calsyntenin-3. Experimental and Molecular Medicine, 2020, 52, 793-803.	3.2	9
8	Epigallocatechin-3-Gallate (EGCG)-Inducible SMILE Inhibits STAT3-Mediated Hepcidin Gene Expression. Antioxidants, 2020, 9, 514.	2.2	10
9	Carvedilol improves glucose tolerance and insulin sensitivity in treatment of adrenergic overdrive in high fat diet-induced obesity in mice. PLoS ONE, 2019, 14, e0224674.	1.1	13
10	Humanin suppresses receptor activator of nuclear factor-ÎºB ligand-induced osteoclast differentiation via AMP-activated protein kinase activation. Korean Journal of Physiology and Pharmacology, 2019, 23, 411.	0.6	10
11	P110Î² in the ventromedial hypothalamus regulates glucose and energy metabolism. Experimental and Molecular Medicine, 2019, 51, 1-9.	3.2	10
12	Hypothalamic inflammation and obesity: a mechanistic review. Archives of Pharmacal Research, 2019, 42, 383-392.	2.7	87
13	A novel peripheral cannabinoid 1 receptor antagonist, AJ5012, improves metabolic outcomes and suppresses adipose tissue inflammation in obese mice. FASEB Journal, 2019, 33, 4314-4326.	0.2	25
14	FoxO1 regulates leptin-induced mood behavior by targeting tyrosine hydroxylase. Metabolism: Clinical and Experimental, 2019, 91, 43-52.	1.5	4
15	Homer2 and Homer3 modulate RANKL-induced NFATc1 signaling in osteoclastogenesis and bone metabolism. Journal of Endocrinology, 2019, 242, 241-249.	1.2	15
16	4-hydroxy-3-methoxycinnamic acid regulates orexigenic peptides and hepatic glucose homeostasis through phosphorylation of FoxO1. Experimental and Molecular Medicine, 2018, 50, e437-e437.	3.2	9
17	Insulin Regulates Adrenal Steroidogenesis by Stabilizing SF-1 Activity. Scientific Reports, 2018, 8, 5025.	1.6	24
18	Cover Image, Volume 20, Issue 9. Diabetes, Obesity and Metabolism, 2018, 20, i-i.	2.2	0

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19	CCN5 knockout mice exhibit lipotoxic cardiomyopathy with mild obesity and diabetes. PLoS ONE, 2018, 13, e0207228.	1.1	12
20	Serum Fibroblast Growth Factor 21 and New-Onset Metabolic Syndrome: KoGES-ARIRANG Study. Yonsei Medical Journal, 2018, 59, 287.	0.9	12
21	A Novel Peptide, Nicotinylâ€"Isoleucineâ€"Valineâ€"Histidine (NAâ€"IVH), Promotes Antioxidant Gene Expression and Wound Healing in HaCaT Cells. Marine Drugs, 2018, 16, 262.	2.2	15
22	Peripheral cannabinoid 1 receptor blockade mitigates adipose tissue inflammation via NLRP3 inflammasome in mouse models of obesity. Diabetes, Obesity and Metabolism, 2018, 20, 2179-2189.	2.2	28
23	TRPM3/TRPV4 regulates Ca2+-mediated RANKL/NFATc1 expression in osteoblasts. Journal of Molecular Endocrinology, 2018, 61, 207-218.	1.1	27
24	A prospective study of leucocyte mitochondrial DNA content and deletion in association with the metabolic syndrome. Diabetes and Metabolism, 2017, 43, 280-283.	1.4	7
25	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
26	Hypothalamic AMPK as a Regulator of Energy Homeostasis. Neural Plasticity, 2016, 2016, 1-12.	1.0	51
27	Gallic Acid Promotes Wound Healing in Normal and Hyperglucidic Conditions. Molecules, 2016, 21, 899.	1.7	117
28	Steroidogenic Factor 1 in the Ventromedial Nucleus of the Hypothalamus Regulates Age-Dependent Obesity. PLoS ONE, 2016, 11, e0162352.	1.1	17
29	Leptin and insulin engage specific PI3K subunits in hypothalamic SF1 neurons. Molecular Metabolism, 2016, 5, 669-679.	3.0	43
30	Nutritional conditions regulate transcriptional activity of SF-1 by controlling sumoylation and ubiquitination. Scientific Reports, 2016, 6, 19143.	1.6	12
31	FoxO1 in dopaminergic neurons regulates energy homeostasis and targets tyrosine hydroxylase. Nature Communications, 2016, 7, 12733.	5.8	34
32	Leucine-enkephalin promotes wound repair through the regulation of hemidesmosome dynamics and matrix metalloprotease. Peptides, 2016, 76, 57-64.	1.2	13
33	Leptin signalling pathways in hypothalamic neurons. Cellular and Molecular Life Sciences, 2016, 73, 1457-1477.	2.4	184
34	Primary Cilia Negatively Regulate Melanogenesis in Melanocytes and Pigmentation in a Human Skin Model. PLoS ONE, 2016, 11, e0168025.	1.1	19
35	SF-1 expression in the hypothalamus is required for beneficial metabolic effects of exercise. ELife, 2016, 5, .	2.8	37
36	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

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37	Insulin priming effect on estradiol-induced breast cancer metabolism and growth. Cancer Biology and Therapy, 2015, 16, 484-492.	1.5	27
38	Gallic Acid Regulates Body Weight and Glucose Homeostasis Through AMPK Activation. Endocrinology, 2015, 156, 157-168.	1.4	124
39	A Novel Tripeptide Derived from <I>Chlorella vulgaris</I> Regulates Skin Homeostasis Through Antioxidant Activity. Science of Advanced Materials, 2015, 7, 2476-2480.	0.1	2
40	A Novel Tripeptide Derived from <I>Chlorella vulgaris</I> Regulates Skin Homeostasis Through Its Antioxidant Function. Science of Advanced Materials, 2015, 7, 2545-2550.	0.1	0
41	Leptin and insulin signaling in dopaminergic neurons: relationship between energy balance and reward system. Frontiers in Psychology, 2014, 5, 846.	1.1	57
42	Dnmt3a in Sim1 Neurons Is Necessary for Normal Energy Homeostasis. Journal of Neuroscience, 2014, 34, 15288-15296.	1.7	41
43	Prolactin-sensitive neurons express estrogen receptor-Î± and depend on sex hormones for normal responsiveness to prolactin. Brain Research, 2014, 1566, 47-59.	1.1	43
44	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. Oncology Reports, 2014, 31, 456-462.	1.2	24
45	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
46	FOXO1 in the ventromedial hypothalamus regulates energy balance. Journal of Clinical Investigation, 2012, 122, 2578-2589.	3.9	121
47	SF-1 in the ventral medial hypothalamic nucleus: A key regulator of homeostasis. Molecular and Cellular Endocrinology, 2011, 336, 219-223.	1.6	54
48	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
49	CNS-Specific Ablation of Steroidogenic Factor 1 Results in Impaired Female Reproductive Function. Molecular Endocrinology, 2010, 24, 1240-1250.	3.7	38
50	PI3K Signaling in the Ventromedial Hypothalamic Nucleus Is Required for Normal Energy Homeostasis. Cell Metabolism, 2010, 12, 88-95.	7.2	96
51	Central nervous system-specific knockout of steroidogenic factor 1. Molecular and Cellular Endocrinology, 2009, 300, 132-136.	1.6	34
52	Central Nervous System-Specific Knockout of Steroidogenic Factor 1 Results in Increased Anxiety-Like Behavior. Molecular Endocrinology, 2008, 22, 1403-1415.	3.7	68
53	Steroidogenic Factor 1 Regulates Expression of the Cannabinoid Receptor 1 in the Ventromedial Hypothalamic Nucleus. Molecular Endocrinology, 2008, 22, 1950-1961.	3.7	32
54	RGS9â€“2 Negatively Modulates l-3,4-Dihydroxyphenylalanine-Induced Dyskinesia in Experimental Parkinson's Disease. Journal of Neuroscience, 2007, 27, 14338-14348.	1.7	116