Jae Myoung Suh

List of Publications by Year
in descending order

37 papers	5,476 citations	279487 23 h-index	301761 39 g-index
42 all docs	42 docs citations	42 times ranked	9835 citing authors

#	Article	IF	Citations
1	PPARÎ³ signaling and metabolism: the good, the bad and the future. Nature Medicine, 2013, 19, 557-566.	15.2	1,526
2	White Fat Progenitor Cells Reside in the Adipose Vasculature. Science, 2008, 322, 583-586.	6.0	983
3	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. Nature Medicine, 2015, 21, 159-165.	15.2	562
4	Depletion of fat-resident Treg cells prevents age-associated insulin resistance. Nature, 2015, 528, 137-141.	13.7	261
5	Hedgehog signaling plays a conserved role in inhibiting fat formation. Cell Metabolism, 2006, 3, 25-34.	7.2	243
6	A PPARÎ³â€“FGF1 axis is required for adaptive adipose remodelling and metabolic homeostasis. Nature, 2012, 485, 391-394.	13.7	240
7	Atf4 Regulates Obesity, Glucose Homeostasis, and Energy Expenditure. Diabetes, 2009, 58, 2565-2573.	0.3	206
8	Endocrinization of FGF1 produces a neomorphic and potent insulin sensitizer. Nature, 2014, 513, 436-439.	13.7	201
9	Adenosine Nucleotide Biosynthesis and AMPK Regulate Adult Life Span and Mediate the Longevity Benefit of Caloric Restriction in Flies. Cell Metabolism, 2013, 17, 101-112.	7.2	167
10	Biphasic and Dosage-Dependent Regulation of Osteoclastogenesis by Î²-Catenin. Molecular and Cellular Biology, 2011, 31, 4706-4719.	1.1	161
11	Serotonin signals through a gut-liver axis to regulate hepatic steatosis. Nature Communications, 2018, 9, 4824.	5.8	98
12	Obesity alters pathology and treatment response in inflammatory disease. Nature, 2022, 604, 337-342.	13.7	93
13	Adipose Is a Conserved Dosage-Sensitive Antiobesity Gene. Cell Metabolism, 2007, 6, 195-207.	7.2	80
14	Heterogeneous Nuclear Ribonucleoproteins C1 and C2 Associate with the RNA Component of Human Telomerase. Molecular and Cellular Biology, 2000, 20, 9084-9091.	1.1	75
15	Wnt Signaling Activation in Adipose Progenitors Promotes Insulin-Independent Muscle Glucose Uptake. Cell Metabolism, 2012, 15, 492-504.	7.2	65
16	Corepressor SMRT promotes oxidative phosphorylation in adipose tissue and protects against diet-induced obesity and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3412-3417.	3.3	49
17	High-fat diet and FGF21 cooperatively promote aerobic thermogenesis in mtDNA mutator mice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8714-8719.	3.3	47
18	Differential roles of GDF15 and FGF21 in systemic metabolic adaptation to the mitochondrial integrated stress response. IScience, 2021, 24, 102181.	1.9	45

#	Article	IF	Citations
19	Dynamic tracking and identification of tissue-specific secretory proteins in the circulation of live mice. Nature Communications, 2021, 12, 5204.	5.8	39
20	Tumour-derived Dilp8/INSL3 induces cancer anorexia by regulating feeding neuropeptides via Lgr3/8 in the brain. Nature Cell Biology, 2021, 23, 172-183.	4.6	37
21	Reduced activity of topoisomerase II in an Adriamycin-resistant human stomach-adenocarcinoma cell line. Cancer Chemotherapy and Pharmacology, 1998, 41, 353-360.	1.1	34
22	Tripeptidyl peptidase II promotes fat formation in a conserved fashion. EMBO Reports, 2007, 8, 1183-1189.	2.0	32
23	Identification of a Ribosomal Frameshift in Leishmania RNA Virus 1-4. Journal of Biochemistry, 1996, 120, 22-25.	0.9	29
24	An RGS-Containing Sorting Nexin Controls Drosophila Lifespan. PLoS ONE, 2008, 3, e2152.	1.1	29
25	PRMT1 Is Required for the Maintenance of Mature Î²-Cell Identity. Diabetes, 2020, 69, 355-368.	0.3	22
26	Methylâ€Sensing Nuclear Receptor Liver Receptor Homologâ€1 Regulates Mitochondrial Function in Mouse Hepatocytes. Hepatology, 2020, 71, 1055-1069.	3.6	20
27	Synergistic actions of FGF2 and bone marrow transplantation mitigate radiation-induced intestinal injury. Cell Death and Disease, 2018, 9, 383.	2.7	19
28	Treatment with 4-Methylpyrazole Modulated Stellate Cells and Natural Killer Cells and Ameliorated Liver Fibrosis in Mice. PLoS ONE, 2015, 10, e0127946.	1.1	19
29	Heparin-binding epidermal growth factor-like growth factor inhibits adipocyte differentiation at commitment and early induction stages. Differentiation, 2008, 76, 478-487.	1.0	18
30	Inhibiting serotonin signaling through HTR2B in visceral adipose tissue improves obesity-related insulin resistance. Journal of Clinical Investigation, 2021, 131, .	3.9	16
31	IDH1-dependent Î±-KG regulates brown fat differentiation and function by modulating histone methylation. Metabolism: Clinical and Experimental, 2020, 105, 154173.	1.5	15
32	GATA3 induces the upregulation of UCP-1 by directly binding to PGC-1Î± during adipose tissue browning. Metabolism: Clinical and Experimental, 2020, 109, 154280.	1.5	12
33	Systemic and Local Phenotypes of Barium Chloride Induced Skeletal Muscle Injury in Mice. Annals of Geriatric Medicine and Research, 2019, 23, 83-89.	0.7	9
34	Estrogen-Related Receptor Î³ Maintains Pancreatic Acinar Cell Function and Identity by Regulating Cellular Metabolism. Gastroenterology, 2022, 163, 239-256.	0.6	7
35	Cell type-dependent regulation of human DNA topoisomerase IIIÎ± gene expression by upstream stimulatory factor 2. FEBS Letters, 2001, 505, 57-62.	1.3	6
36	Identification of New Non-BBB Permeable Tryptophan Hydroxylase Inhibitors for Treating Obesity and Fatty Liver Disease. Molecules, 2022, 27, 3417.	1.7	3

#	Article	IF	Citations
37	An S116R Phosphorylation Site Mutation in Human Fibroblast Growth Factor-1 Differentially Affects Mitogenic and Glucose-Lowering Activities. Journal of Pharmaceutical Sciences, 2016, 105, 3507-3519.	1.6	1