Scott Frendo-Cumbo

List of Publications by Year
in descending order

24 papers	595 citations	759055 12 h-index	752573 20 g-index
24 all docs	24 docs citations	24 times ranked	1142 citing authors

#	Article	IF	Citations
1	Update on GLUT4 Vesicle Traffic: A Cornerstone of Insulin Action. Trends in Endocrinology and Metabolism, 2017, 28, 597-611.	3.1	210
2	Adipose Tissue Insulin Action and IL-6 Signaling after Exercise in Obese Mice. Medicine and Science in Sports and Exercise, 2015, 47, 2034-2042.	0.2	48
3	Exercise training protects against an acute inflammatory insult in mouse epididymal adipose tissue. Journal of Applied Physiology, 2014, 116, 1272-1280.	1.2	37
4	Aging-Associated Reductions in Lipolytic and Mitochondrial Proteins in Mouse Adipose Tissue Are Not Rescued by Metformin Treatment. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 1060-1068.	1.7	35
5	Beneficial effects of combined resveratrol and metformin therapy in treating dietâ€induced insulin resistance. Physiological Reports, 2016, 4, e12877.	0.7	32
6	Communication Between Autophagy and Insulin Action: At the Crux of Insulin Action-Insulin Resistance?. Frontiers in Cell and Developmental Biology, 2021, 9, 708431.	1.8	27
7	Reduced ATGL-mediated lipolysis attenuates Î²-adrenergic-induced AMPK signaling, but not the induction of PKA-targeted genes, in adipocytes and adipose tissue. American Journal of Physiology - Cell Physiology, 2016, 311, C269-C276.	2.1	25
8	Resveratrol and Metformin Recover Prefrontal Cortex AMPK Activation in Diet-Induced Obese Mice but Reduce BDNF and Synaptophysin Protein Content. Journal of Alzheimer's Disease, 2019, 71, 945-956.	1.2	23
9	Deficiency of the autophagy gene ATG16L1 induces insulin resistance through KLHL9/KLHL13/CUL3-mediated IRS1 degradation. Journal of Biological Chemistry, 2019, 294, 16172-16185.	1.6	22
10	The Lipid Droplet Knowledge Portal: A resource for systematic analyses of lipid droplet biology. Developmental Cell, 2022, 57, 387-397.e4.	3.1	22
11	Impaired phosphocreatine metabolism in white adipocytes promotes inflammation. Nature Metabolism, 2022, 4, 190-202.	5.1	21
12	Sarcolipin knockout mice fed a highâ€fat diet exhibit altered indices of adipose tissue inflammation and remodeling. Obesity, 2016, 24, 1499-1505.	1.5	18
13	Sphingolipid changes do not underlie fatty acid-evoked GLUT4 insulin resistance nor inflammation signals in muscle cells[S]. Journal of Lipid Research, 2018, 59, 1148-1163.	2.0	15
14	Prior exercise training blunts short-term high-fat diet-induced weight gain. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R315-R324.	0.9	13
15	Combined highâ€fatâ€resveratrol diet and RIP140 knockout mice reveal a novel relationship between elevated bone mitochondrial content and compromised bone microarchitecture, bone mineral mass, and bone strength in the tibia. Molecular Nutrition and Food Research, 2016, 60, 1994-2007.	1.5	12
16	A Maternal High Fat Diet Has Longâ€Lasting Effects on Skeletal Muscle Lipid and PLIN Protein Content in Rat Offspring at Young Adulthood. Lipids, 2015, 50, 205-217.	0.7	11
17	IL-6 and epinephrine have divergent fiber type effects on intramuscular lipolysis. Journal of Applied Physiology, 2013, 115, 1457-1463.	1.2	10
18	Complexin-2 redistributes to the membrane of muscle cells in response to insulin and contributes to GLUT4 translocation. Biochemical Journal, 2021, 478, 407-422.	1.7	8

#	Article	IF	Citations
19	Regulation of Hepatic Follistatin Expression at Rest and during Exercise in Mice. Medicine and Science in Sports and Exercise, 2019, 51, 1116-1125.	0.2	5
20	Searching for and Sharing Research in the Information Age: A Trainee's Perspective. Physiology, 2017, 32, 96-97.	1.6	1
21	A maternal high fat diet has longâ€lasting effects on skeletal muscle lipid and PLIN protein content in rat offspring at young adulthood (1162.7). FASEB Journal, 2014, 28, 1162.7.	0.2	0
22	Prior Exercise Training Protects Against Shortâ€Term High Fat Feeding Induced Weight Gain and Glucose Intolerance. FASEB Journal, 2015, 29, LB671.	0.2	0
23	Autophagyâ€Related Protein 16L1 (Atg16L1) Depletion Induces Insulin Resistance Through Decreased IRS Expression. FASEB Journal, 2018, 32, lb419.	0.2	0
24	Atg16L1 Knockout Induces Insulin Resistance through Proteasomal IRS1 Degradation, Mediated by the Induction of ER Stress. FASEB Journal, 2019, 33, 719.10.	0.2	0