

Scott Frendo-Cumbo

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Lipid Droplet Knowledge Portal: A resource for systematic analyses of lipid droplet biology. <i>Developmental Cell</i> , 2022, 57, 387-397.e4.	3.1	22
2	Impaired phosphocreatine metabolism in white adipocytes promotes inflammation. <i>Nature Metabolism</i> , 2022, 4, 190-202.	5.1	21
3	Complexin-2 redistributes to the membrane of muscle cells in response to insulin and contributes to GLUT4 translocation. <i>Biochemical Journal</i> , 2021, 478, 407-422.	1.7	8
4	Communication Between Autophagy and Insulin Action: At the Crux of Insulin Action-Insulin Resistance?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 708431.	1.8	27
5	Resveratrol and Metformin Recover Prefrontal Cortex AMPK Activation in Diet-Induced Obese Mice but Reduce BDNF and Synaptophysin Protein Content. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 945-956.	1.2	23
6	Deficiency of the autophagy gene ATG16L1 induces insulin resistance through KLHL9/KLHL13/CUL3-mediated IRS1 degradation. <i>Journal of Biological Chemistry</i> , 2019, 294, 16172-16185.	1.6	22
7	Regulation of Hepatic Follistatin Expression at Rest and during Exercise in Mice. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1116-1125.	0.2	5
8	Atg16L1 Knockout Induces Insulin Resistance through Proteasomal IRS1 Degradation, Mediated by the Induction of ER Stress. <i>FASEB Journal</i> , 2019, 33, 719.10.	0.2	0
9	Sphingolipid changes do not underlie fatty acid-evoked GLUT4 insulin resistance nor inflammation signals in muscle cells[S]. <i>Journal of Lipid Research</i> , 2018, 59, 1148-1163.	2.0	15
10	Autophagy-Related Protein 16L1 (Atg16L1) Depletion Induces Insulin Resistance Through Decreased IRS Expression. <i>FASEB Journal</i> , 2018, 32, 1b419.	0.2	0
11	Update on GLUT4 Vesicle Traffic: A Cornerstone of Insulin Action. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 597-611.	3.1	210
12	Searching for and Sharing Research in the Information Age: A Trainee's Perspective. <i>Physiology</i> , 2017, 32, 96-97.	1.6	1
13	Beneficial effects of combined resveratrol and metformin therapy in treating diet-induced insulin resistance. <i>Physiological Reports</i> , 2016, 4, e12877.	0.7	32
14	Prior exercise training blunts short-term high-fat diet-induced weight gain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R315-R324.	0.9	13
15	Reduced ATGL-mediated lipolysis attenuates β^2 -adrenergic-induced AMPK signaling, but not the induction of PKA-targeted genes, in adipocytes and adipose tissue. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C269-C276.	2.1	25
16	Sarcosine knockout mice fed a high-fat diet exhibit altered indices of adipose tissue inflammation and remodeling. <i>Obesity</i> , 2016, 24, 1499-1505.	1.5	18
17	Combined high-fat-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. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1994-2007.	1.5	12
18	Adipose Tissue Insulin Action and IL-6 Signaling after Exercise in Obese Mice. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2034-2042.	0.2	48

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19	A Maternal High Fat Diet Has Long-Lasting Effects on Skeletal Muscle Lipid and PLIN Protein Content in Rat Offspring at Young Adulthood. <i>Lipids</i> , 2015, 50, 205-217.	0.7	11
20	Prior Exercise Training Protects Against Short-Term High Fat Feeding Induced Weight Gain and Glucose Intolerance. <i>FASEB Journal</i> , 2015, 29, LB671.	0.2	0
21	Exercise training protects against an acute inflammatory insult in mouse epididymal adipose tissue. <i>Journal of Applied Physiology</i> , 2014, 116, 1272-1280.	1.2	37
22	Aging-Associated Reductions in Lipolytic and Mitochondrial Proteins in Mouse Adipose Tissue Are Not Rescued by Metformin Treatment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1060-1068.	1.7	35
23	A maternal high fat diet has long-lasting effects on skeletal muscle lipid and PLIN protein content in rat offspring at young adulthood (1162.7). <i>FASEB Journal</i> , 2014, 28, 1162.7.	0.2	0
24	IL-6 and epinephrine have divergent fiber type effects on intramuscular lipolysis. <i>Journal of Applied Physiology</i> , 2013, 115, 1457-1463.	1.2	10