Simon J Lees

List of Publications by Year
in descending order

34 papers	1,159 citations	567281 15 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	2058 citing authors

#	Article	IF	Citations
1	Metformin Induces Apoptosis and Cell Cycle Arrest Mediated by Oxidative Stress, AMPK and FOXO3a in MCF-7 Breast Cancer Cells. PLoS ONE, 2014, 9, e98207.	2.5	216
2	Fundamental questions about genes, inactivity, and chronic diseases. Physiological Genomics, 2007, 28, 146-157.	2.3	185
3	Sirt1 increases skeletal muscle precursor cell proliferation. European Journal of Cell Biology, 2009, 88, 35-44.	3.6	119
4	Sedentary Death Syndrome. Applied Physiology, Nutrition, and Metabolism, 2004, 29, 447-460.	1.7	98
5	Pro-Inflammatory Mediation of Myoblast Proliferation. PLoS ONE, 2014, 9, e92363.	2.5	82
6	Age-associated decrease in muscle precursor cell differentiation. American Journal of Physiology - Cell Physiology, 2006, 290, C609-C615.	4.6	55
7	FoxO3a preferentially induces p27^{Kip1} expression while impairing muscle precursor cellâ€cycle progression. Muscle and Nerve, 2008, 37, 84-89.	2.2	44
8	Ionizing Radiation Exposure During Pregnancy: Effects on Postnatal Development and Life. Radiation Research, 2017, 187, 647-658.	1.5	40
9	The IL-6 Paradox: Context Dependent Interplay of SOCS3 and AMPK. Journal of Diabetes & Metabolism, 2013, 01, .	0.2	34
10	Age-dependent FOXO regulation of p27Kip1 expression via a conserved binding motif in rat muscle precursor cells. American Journal of Physiology - Cell Physiology, 2008, 295, C1238-C1246.	4.6	33
11	Muscle precursor cells isolated from aged rats exhibit an increased tumor necrosis factorâ€± response. Aging Cell, 2009, 8, 26-35.	6.7	29
12	Impact of Ionizing Radiation on the Cardiovascular System: A Review. Radiation Research, 2017, 188, 539-546.	1.5	28
13	Whey Protein Supplementation Improves Rehabilitation Outcomes in Hospitalized Geriatric Patients: A Double Blinded, Randomized Controlled Trial. Journal of Nutrition in Gerontology and Geriatrics, 2017, 36, 149-165.	1.0	28
14	Two common variants of human papillomavirus type 16 E6 differentially deregulate sugar metabolism and hypoxia signalling in permissive human keratinocytes. Journal of General Virology, 2017, 98, 2310-2319.	2.9	25
15	Age-related impairment of T cell-induced skeletal muscle precursor cell function. American Journal of Physiology - Cell Physiology, 2011, 300, C1226-C1233.	4.6	21
16	Fibroblast growth factor 2â€stimulated proliferation is lower in muscle precursor cells from old rats. Experimental Physiology, 2009, 94, 739-748.	2.0	15
17	Searching for novel PET radiotracers: imaging cardiac perfusion, metabolism and inflammation. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 200-227.	1.0	14
18	Non-radioactive 2-deoxy-2-fluoro-D-glucose inhibits glucose uptake in xenograft tumours and sensitizes HeLa cells to doxorubicin in vitro. PLoS ONE, 2017, 12, e0187584.	2.5	13

#	Article	IF	Citations
19	Mirabegron: The most promising adipose tissue beiging agent. Physiological Reports, 2021, 9, e14779.	1.7	11
20	Implementing a structured exercise program for persistent concussion symptoms: a pilot study on the effects on salivary brain-derived neurotrophic factor, cognition, static balance, and symptom scores. Brain Injury, 2018, 32, 1556-1565.	1.2	10
21	Cystathionine gammaâ€lyase/H 2 S signaling facilitates myogenesis under aging and injury condition. FASEB Journal, 2021, 35, e21511.	0.5	10
22	Chronic glucocorticoid exposure causes brown adipose tissue whitening, alters wholeâ€body glucose metabolism and increases tissue uncoupling proteinâ€1. Physiological Reports, 2022, 10, e15292.	1.7	9
23	Interleukin-6 deficiency causes tissue-specific changes in signaling pathways in response to high-fat diet and physical activity. Physiological Reports, 2014, 2, e12064.	1.7	8
24	Voluntary physical activity prevents insulin resistance in a tissue specific manner. Physiological Reports, 2015, 3, e12277.	1.7	7
25	Ascorbic acid diminishes bone morphogenetic protein 2â€induced osteogenic differentiation of muscle precursor cells. Muscle and Nerve, 2019, 59, 501-508.	2.2	6
26	Lasting Effects of Low to Non-Lethal Radiation Exposure during Late Gestation on Offspringâ€™s Cardiac Metabolism and Oxidative Stress. Antioxidants, 2021, 10, 816.	5.1	5
27	Dose threshold for radiation induced fetal programming in a mouse model at 4 months of age: Hepatic expression of genes and proteins involved in glucose metabolism and glucose uptake in brown adipose tissue. PLoS ONE, 2020, 15, e0231650.	2.5	4
28	A novel specialized tissue culture incubator designed and engineered for radiobiology experiments in a sub-natural background radiation research environment. Journal of Environmental Radioactivity, 2021, 228, 106512.	1.7	4
29	Novel roles of Xinâ€repeat protein in skeletal muscle: a new insight into monogenetic myopathies. Acta Physiologica, 2015, 214, 149-151.	3.8	2
30	Leucine Potentiates Glucose-mediated 18F-FDG Uptake in Brown Adipose Tissue via Î²-Adrenergic Activation. Biomedicines, 2020, 8, 159.	3.2	2
31	Ovariectomized rat model and shape variation in the bony labyrinth. Anatomical Record, 2022, 305, 3283-3296.	1.4	1
32	Identification of Radiation-Induced miRNA Biomarkers Using the CGL1 Cell Model System. Bioengineering, 2022, 9, 214.	3.5	1
33	The Effects of Chronic Stress on Brown Adipose Tissue Remodeling and Metabolism. FASEB Journal, 2021, 35, .	0.5	0
34	Inflammation following muscle injury promotes myoblast proliferation (LB808). FASEB Journal, 2014, 28, LB808.	0.5	0