FranÃ§ois Singh

List of Publications by Year
in descending order

30	1,535	430874	477307
papers	citations	18 h-index	29 g-index

41	41	41	3092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Basal Mitophagy Occurs Independently of PINK1 in Mouse Tissues of High Metabolic Demand. Cell Metabolism, 2018, 27, 439-449.e5.	16.2	439
2	Tetrahydrocannabinol Induces Brain Mitochondrial Respiratory Chain Dysfunction and Increases Oxidative Stress: A Potential Mechanism Involved in Cannabis-Related Stroke. BioMed Research International, 2015, 2015, 1-7.	1.9	105
3	Phosphorylation of Parkin at serine 65 is essential for its activationin vivo. Open Biology, 2018, 8, 180108.	3.6	81
4	Avian erythrocytes have functional mitochondria, opening novel perspectives for birds as animal models in the study of ageing. Frontiers in Zoology, 2013, 10, 33.	2.0	80
5	Reductive stress impairs myoblasts mitochondrial function and triggers mitochondrial hormesis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1574-1585.	4.1	80
6	IFN-Î²-induced reactive oxygen species and mitochondrial damage contribute to muscle impairment and inflammation maintenance in dermatomyositis. Acta Neuropathologica, 2017, 134, 655-666.	7.7	78
7	Mechanisms of statin-associated skeletal muscle-associated symptoms. Pharmacological Research, 2020, 154, 104201.	7.1	77
8	Statins Trigger Mitochondrial Reactive Oxygen Species-Induced Apoptosis in Glycolytic Skeletal Muscle. Antioxidants and Redox Signaling, 2016, 24, 84-98.	5.4	75
9	Mitochondria: Mitochondrial participation in ischemiaâ€“reperfusion injury in skeletal muscle. International Journal of Biochemistry and Cell Biology, 2014, 50, 101-105.	2.8	71
10	Pharmacological rescue of impaired mitophagy in Parkinsonâ€™s disease-related LRRK2 G2019S knock-in mice. ELife, 2021, 10, .	6.0	57
11	Semi-automated quantitation of mitophagy in cells and tissues. Mechanisms of Ageing and Development, 2020, 185, 111196.	4.6	52
12	High reactive oxygen species in fibrotic and nonfibrotic skin of patients with diffuse cutaneous systemic sclerosis. Free Radical Biology and Medicine, 2015, 87, 282-289.	2.9	37
13	Impact of Type II LRRK2 inhibitors on signaling and mitophagy. Biochemical Journal, 2021, 478, 3555-3573.	3.7	37
14	Parkinson's disease and mitophagy: an emerging role for LRRK2. Biochemical Society Transactions, 2021, 49, 551-562.	3.4	32
15	Mitochondrial uncoupling reduces exercise capacity despite several skeletal muscle metabolic adaptations. Journal of Applied Physiology, 2014, 116, 364-375.	2.5	29
16	Carbon monoxide increases inducible NOS expression that mediates CO-induced myocardial damage during ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H759-H767.	3.2	29
17	Endothelial function does not improve with high-intensity continuous exercise training in SHR: implications of eNOS uncoupling. Hypertension Research, 2016, 39, 70-78.	2.7	29
18	Global ubiquitylation analysis of mitochondria in primary neurons identifies endogenous Parkin targets following activation of PINK1. Science Advances, 2021, 7, eabj0722.	10.3	29

#	Article	IF	Citations
19	A New Murine Model of Sustainable and Durable Chronic Critical Limb Ischemia Fairly Mimicking Human Pathology. European Journal of Vascular and Endovascular Surgery, 2015, 49, 205-212.	1.5	25
20	PGC-1Î² modulates statin-associated myotoxicity in mice. Archives of Toxicology, 2019, 93, 487-504.	4.2	17
21	Moderate Exercise Allows for shorter Recovery Time in Critical Limb Ischemia. Frontiers in Physiology, 2017, 8, 523.	2.8	15
22	PGCâ€1Î± plays a pivotal role in simvastatinâ€induced exercise impairment in mice. Acta Physiologica, 2020, 228, e13402.	3.8	14
23	Cryopreservation with dimethyl sulfoxide prevents accurate analysis of skinned skeletal muscle fibers mitochondrial respiration. Biochimie, 2014, 100, 227-233.	2.6	8
24	Contractile function and energy metabolism of skeletal muscle in rats with secondary carnitine deficiency. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E265-E274.	3.5	8
25	IL-15 and PIM kinases direct the metabolic programming of intestinal intraepithelial lymphocytes. Nature Communications, 2021, 12, 4290.	12.8	8
26	Comparative analysis of resuscitation using human serum albumin and crystalloids or 130/0.4 hydroxyethyl starch and crystalloids on skeletal muscle metabolic profile during experimental haemorrhagic shock in swine. European Journal of Anaesthesiology, 2017, 34, 89-97.	1.7	6
27	Impaired Exercise Performance and Skeletal Muscle Mitochondrial Function in Rats with Secondary Carnitine Deficiency. Frontiers in Physiology, 2016, 7, 345.	2.8	5
28	Simvastatin Impairs Glucose Homeostasis in Mice Depending on PGC-1Î± Skeletal Muscle Expression. Biomedicines, 2020, 8, 351.	3.2	4
29	Effects of Simvastatin on Lipid Metabolism in Wild-Type Mice and Mice with Muscle PGC-1Î± Overexpression. International Journal of Molecular Sciences, 2021, 22, 4950.	4.1	2
30	0215 : High intensity exercise training failed to improve NO pathway in SHR rats: implication of eNOS uncoupling. Archives of Cardiovascular Diseases Supplements, 2015, 7, 206.	0.0	0