David Sala

List of Publications by Year in descending order

16 papers	2,168 citations	623734 14 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	6436 citing authors

#	Article	IF	Citations
1	Mitofusin 2 (Mfn2) links mitochondrial and endoplasmic reticulum function with insulin signaling and is essential for normal glucose homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5523-5528.	7.1	544
2	STAT3 signaling controls satellite cell expansion and skeletal muscle repair. Nature Medicine, 2014, 20, 1182-1186.	30.7	301
3	Mfn2 deficiency links ageâ€related sarcopenia and impaired autophagy to activation of an adaptive mitophagy pathway. EMBO Journal, 2016, 35, 1677-1693.	7.8	275
4	Loss of mitochondrial protease OMA1 alters processing of the GTPase OPA1 and causes obesity and defective thermogenesis in mice. EMBO Journal, 2012, 31, 2117-2133.	7.8	230
5	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. Cell, 2019, 177, 881-895.e17.	28.9	209
6	Denervation-activated STAT3â€“IL-6 signalling in fibro-adipogenic progenitors promotes myofibres atrophy and fibrosis. Nature Cell Biology, 2018, 20, 917-927.	10.3	189
7	Autonomous Extracellular Matrix Remodeling Controls a Progressive Adaptation in Muscle Stem Cell Regenerative Capacity during Development. Cell Reports, 2016, 14, 1940-1952.	6.4	92
8	Autophagy-regulating TP53INP2 mediates muscle wasting and is repressed in diabetes. Journal of Clinical Investigation, 2014, 124, 1914-1927.	8.2	72
9	Autophagy Exacerbates Muscle Wasting in Cancer Cachexia and Impairs Mitochondrial Function. Journal of Molecular Biology, 2019, 431, 2674-2686.	4.2	69
10	DOR/Tp53inp2 and Tp53inp1 Constitute a Metazoan Gene Family Encoding Dual Regulators of Autophagy and Transcription. PLoS ONE, 2012, 7, e34034.	2.5	51
11	The Stat3-Fam3a axis promotes muscle stem cell myogenic lineage progression by inducing mitochondrial respiration. Nature Communications, 2019, 10, 1796.	12.8	38
12	Differential control of muscle mass in type 1 and type 2 diabetes mellitus. Cellular and Molecular Life Sciences, 2015, 72, 3803-3817.	5.4	32
13	A form of mitofusin 2 (Mfn2) lacking the transmembrane domains and the COOH-terminal end stimulates metabolism in muscle and liver cells. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1208-E1221.	3.5	25
14	Signal transducer and activator of transcription 3 signaling as a potential target to treat muscle wasting diseases. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 1.	2.5	25
15	Is TP53INP2 a critical regulator of muscle mass?. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 234-239.	2.5	7
16	Impact of Type 2 Diabetes on Skeletal Muscle Mass and Quality. , 2016, , 73-85.		2