Yaiza Potes

List of Publications by Year in descending order

31 papers	892 citations	567144 15 h-index	477173 29 g-index
32 all docs	32 docs citations	32 times ranked	1514 citing authors

#	Article	IF	Citations
1	Therapeutic potential of melatonin related to its role as an autophagy regulator: A review. Journal of Pineal Research, 2019, 66, e12534.	3.4	124
2	Modulation of apoptosis by melatonin for improving cancer treatment efficiency: An updated review. Life Sciences, 2019, 228, 228-241.	2.0	103
3	Mitochondrial Function and Dysfunction in Dilated Cardiomyopathy. Frontiers in Cell and Developmental Biology, 2020, 8, 624216.	1.8	62
4	The mitochondrial permeability transition pore: an evolving concept critical for cell life and death. Biological Reviews, 2021, 96, 2489-2521.	4.7	59
5	Boosting immune system against cancer by melatonin: A mechanistic viewpoint. Life Sciences, 2019, 238, 116960.	2.0	55
6	The mystery of mitochondria-ER contact sites in physiology and pathology: A cancer perspective. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165834.	1.8	51
7	Melatonin reduces endoplasmic reticulum stress and autophagy in liver of leptinâ€deficient mice. Journal of Pineal Research, 2016, 61, 108-123.	3.4	50
8	Overweight in elderly people induces impaired autophagy in skeletal muscle. Free Radical Biology and Medicine, 2017, 110, 31-41.	1.3	49
9	Potential early biomarkers of sarcopenia among independent older adults. Maturitas, 2017, 104, 117-122.	1.0	33
10	Western Diet Causes Obesity-Induced Nonalcoholic Fatty Liver Disease Development by Differentially Compromising the Autophagic Response. Antioxidants, 2020, 9, 995.	2.2	27
11	Melatonin administration decreases adipogenesis in the liver of ob/ob mice through autophagy modulation. Journal of Pineal Research, 2014, 56, 126-133.	3.4	26
12	The Alterations of Mitochondrial Function during NAFLD Progressionâ€"An Independent Effect of Mitochondrial ROS Production. International Journal of Molecular Sciences, 2021, 22, 6848.	1.8	24
13	Overweight in the Elderly Induces a Switch in Energy Metabolism that Undermines Muscle Integrity. , 2019, 10, 217.		23
14	Effect of animal mixing as a stressor on biomarkers of autophagy and oxidative stress during pig muscle maturation. Animal, 2015, 9, 1188-1194.	1.3	21
15	Effect of sex and RYR1 gene mutation on the muscle proteomic profile and main physiological biomarkers in pigs at slaughter. Meat Science, 2018, 141, 81-90.	2.7	18
16	Cell quality control mechanisms maintain stemness and differentiation potential of P19 embryonic carcinoma cells. Autophagy, 2020, 16, 313-333.	4.3	18
17	Autophagic and proteolytic processes in the Harderian gland are modulated during the estrous cycle. Histochemistry and Cell Biology, 2014, 141, 519-529.	0.8	17
18	Associations of the antioxidant capacity and hemoglobin levels with functional physical performance of the upper and lower body limbs. Age, 2014, 36, 851-867.	3.0	15

#	Article	IF	Citations
19	Fat and Sugarâ€"A Dangerous Duet. A Comparative Review on Metabolic Remodeling in Rodent Models of Nonalcoholic Fatty Liver Disease. Nutrients, 2019, 11, 2871.	1.7	14
20	Selective autophagy, lipophagy and mitophagy, in the Harderian gland along the oestrous cycle: a potential retrieval effect of melatonin. Scientific Reports, 2019, 9, 18597.	1.6	14
21	Melatonin Ameliorates Autophagy Impairment in a Metabolic Syndrome Model. Antioxidants, 2021, 10, 796.	2.2	14
22	High-Fructose Consumption Impairs the Redox System and Protein Quality Control in the Brain of Syrian Hamsters: Therapeutic Effects of Melatonin. Molecular Neurobiology, 2018, 55, 7973-7986.	1.9	12
23	Melatonin Prevents the Harmful Effects of Obesity on the Brain, Including at the Behavioral Level. Molecular Neurobiology, 2018, 55, 5830-5846.	1.9	12
24	Cell interactome in sarcopenia during aging. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 919-931.	2.9	12
25	Mitochondria-targeted anti-oxidant AntiOxCIN4 improved liver steatosis in Western diet-fed mice by preventing lipid accumulation due to upregulation of fatty acid oxidation, quality control mechanism and antioxidant defense systems. Redox Biology, 2022, 55, 102400.	3.9	12
26	MARC1 p.A165T variant is associated with decreased markers of liver injury and enhanced antioxidant capacity in autoimmune hepatitis. Scientific Reports, 2021, 11, 24407.	1.6	10
27	Pig cognitive bias affects the conversion of muscle into meat by antioxidant and autophagy mechanisms. Animal, 2017, 11, 2027-2035.	1.3	5
28	Dose-dependent beneficial effect of melatonin on obesity; interaction of melatonin and leptin. Melatonin Research, 2019, 2, 1-8.	0.7	5
29	Neurogenic Potential of the 18-kDa Mitochondrial Translocator Protein (TSPO) in Pluripotent P19 Stem Cells. Cells, 2021, 10, 2784.	1.8	5
30	The Interactome in the Evolution From Frailty to Sarcopenic Dependence. Frontiers in Cell and Developmental Biology, 2021, 9, 792825.	1.8	2
31	Removal of Environmental Nanoparticles Increases Protein Synthesis and Energy Production in Healthy Humans. Frontiers in Bioengineering and Biotechnology, 2022, 10, 800011.	2.0	0