

# Josã© Pedro Castro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3653805/publications.pdf>

Version: 2024-02-01

20  
papers

1,410  
citations

516710

16  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Happily (n)ever after: Aging in the context of oxidative stress, proteostasis loss and cellular senescence. <i>Redox Biology</i> , 2017, 11, 482-501.	9.0	268
2	Proteostasis, oxidative stress and aging. <i>Redox Biology</i> , 2017, 13, 550-567.	9.0	183
3	4-Hydroxynonenal (HNE) modified proteins in metabolic diseases. <i>Free Radical Biology and Medicine</i> , 2017, 111, 309-315.	2.9	170
4	Sarcopenia – Molecular mechanisms and open questions. <i>Ageing Research Reviews</i> , 2021, 65, 101200.	10.9	170
5	The two faces of reactive oxygen species (ROS) in adipocyte function and dysfunction. <i>Biological Chemistry</i> , 2016, 397, 709-724.	2.5	105
6	The molecular chaperone Hsp70 promotes the proteolytic removal of oxidatively damaged proteins by the proteasome. <i>Free Radical Biology and Medicine</i> , 2016, 99, 153-166.	2.9	92
7	Impaired proteostasis during skeletal muscle aging. <i>Free Radical Biology and Medicine</i> , 2019, 132, 58-66.	2.9	89
8	Carbonylation of the cytoskeletal protein actin leads to aggregate formation. <i>Free Radical Biology and Medicine</i> , 2012, 53, 916-925.	2.9	51
9	Induction of Steatohepatitis (NASH) with Insulin Resistance in Wild-type B6 Mice by a Western-type Diet Containing Soybean Oil and Cholesterol. <i>Molecular Medicine</i> , 2017, 23, 70-82.	4.4	46
10	Mitochondrial Chaperones in the Brain: Safeguarding Brain Health and Metabolism?. <i>Frontiers in Endocrinology</i> , 2018, 9, 196.	3.5	43
11	Actin carbonylation: From cell dysfunction to organism disorder. <i>Journal of Proteomics</i> , 2013, 92, 171-180.	2.4	30
12	Oxidants produced by methylglyoxal-modified collagen trigger ER stress and apoptosis in skin fibroblasts. <i>Free Radical Biology and Medicine</i> , 2018, 120, 102-113.	2.9	26
13	In vivo cyclic induction of the FOXM1 transcription factor delays natural and progeroid aging phenotypes and extends healthspan. <i>Nature Aging</i> , 2022, 2, 397-411.	11.6	23
14	Non-enzymatic cleavage of Hsp90 by oxidative stress leads to actin aggregate formation: A novel gain-of-function mechanism. <i>Redox Biology</i> , 2019, 21, 101108.	9.0	18
15	Age-Related Maintenance of the Autophagy-Lysosomal System Is Dependent on Skeletal Muscle Type. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	4.0	17
16	Low steady-state oxidative stress inhibits adipogenesis by altering mitochondrial dynamics and decreasing cellular respiration. <i>Redox Biology</i> , 2020, 32, 101507.	9.0	17
17	Antioxidant Supplementation Modulates Age-Related Placental Bed Morphology and Reproductive Outcome in Mice1. <i>Biology of Reproduction</i> , 2015, 93, 56.	2.7	12
18	Hepatic Wnt1 Inducible Signaling Pathway Protein 1 (WISP-1/CCN4) Associates with Markers of Liver Fibrosis in Severe Obesity. <i>Cells</i> , 2021, 10, 1048.	4.1	7

#	ARTICLE	IF	CITATIONS
19	Low proteasomal activity in fast skeletal muscle fibers is not associated with increased age-related oxidative damage. <i>Experimental Gerontology</i> , 2019, 117, 45-52.	2.8	6
20	Central Acting Hsp10 Regulates Mitochondrial Function, Fatty Acid Metabolism, and Insulin Sensitivity in the Hypothalamus. <i>Antioxidants</i> , 2021, 10, 711.	5.1	6