

Arnold Y Seo

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,209
citations

430874

18
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

4496
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the role of mitochondria in aging: mitochondrial dynamics and more. <i>Journal of Cell Science</i> , 2010, 123, 2533-2542.	2.0	448
2	Redefining Chronic Inflammation in Aging and Age-Related Diseases: Proposal of the Senoinflammation Concept. , 2019, 10, 367.		314
3	Mitochondrial DNA Mutations Induce Mitochondrial Dysfunction, Apoptosis and Sarcopenia in Skeletal Muscle of Mitochondrial DNA Mutator Mice. <i>PLoS ONE</i> , 2010, 5, e11468.	2.5	225
4	AMPK and vacuole-associated Atg14p orchestrate $\hat{1}/4$ -lipophagy for energy production and long-term survival under glucose starvation. <i>ELife</i> , 2017, 6, .	6.0	138
5	Increased iron content and RNA oxidative damage in skeletal muscle with aging and disuse atrophy. <i>Experimental Gerontology</i> , 2008, 43, 563-570.	2.8	118
6	ER membranes exhibit phase behavior at sites of organelle contact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7225-7235.	7.1	117
7	Molecular mechanism of PPAR in the regulation of age-related inflammation. <i>Ageing Research Reviews</i> , 2008, 7, 126-136.	10.9	113
8	Mitochondrial iron accumulation with age and functional consequences. <i>Aging Cell</i> , 2008, 7, 706-716.	6.7	99
9	Modulation of age-induced apoptotic signaling and cellular remodeling by exercise and calorie restriction in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2008, 44, 160-168.	2.9	97
10	A lipid-based partitioning mechanism for selective incorporation of proteins into membranes of HIV particles. <i>Nature Cell Biology</i> , 2019, 21, 452-461.	10.3	97
11	The emerging role of iron dyshomeostasis in the mitochondrial decay of aging. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 487-493.	4.6	69
12	Autophagy and leucine promote chronological longevity and respiration proficiency during calorie restriction in yeast. <i>Experimental Gerontology</i> , 2013, 48, 1107-1119.	2.8	67
13	Evaluation of sex differences on mitochondrial bioenergetics and apoptosis in mice. <i>Experimental Gerontology</i> , 2007, 42, 173-182.	2.8	64
14	Hepatic Oxidative Stress During Aging: Effects of 8% Long-Term Calorie Restriction and Lifelong Exercise. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 529-538.	5.4	61
15	ER trapping reveals Golgi enzymes continually revisit the ER through a recycling pathway that controls Golgi organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6752-61.	7.1	49
16	Peroxisome Proliferator-Activated Receptor Activation by a Short-Term Feeding of Zingerone in Aged Rats. <i>Journal of Medicinal Food</i> , 2009, 12, 345-350.	1.5	34
17	MYC Induces a Hybrid Energetics Program Early in Cell Reprogramming. <i>Stem Cell Reports</i> , 2018, 11, 1479-1492.	4.8	31
18	A mouse model for a partially inactive obesity-associated human MC3R variant. <i>Nature Communications</i> , 2016, 7, 10522.	12.8	26

#	ARTICLE	IF	CITATIONS
19	2-(3, 4-dihydroxybenzylidene)malononitrile as a novel anti-melanogenic compound. <i>Oncotarget</i> , 2017, 8, 91481-91493.	1.8	18
20	Beneficial Effects of a Q-ter [®] Based Nutritional Mixture on Functional Performance, Mitochondrial Function, and Oxidative Stress in Rats. <i>PLoS ONE</i> , 2010, 5, e10572.	2.5	17
21	Metabolic rate through the life-course: From the organism to the organelle. <i>Experimental Gerontology</i> , 2020, 140, 111059.	2.8	0