Christian Sell

List of Publications by Year
in descending order

35 papers	4,298 citations	394421 19 h-index	414414 32 g-index
38 all docs	38 docs citations	38 times ranked	11100 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Obesity May Accelerate the Aging Process. Frontiers in Endocrinology, 2019, 10, 266.	3.5	139
3	p62/SQSTM1 at the interface of aging, autophagy, and disease. Age, 2014, 36, 9626.	3.0	123
4	Topical rapamycin reduces markers of senescence and aging in human skin: an exploratory, prospective, randomized trial. GeroScience, 2019, 41, 861-869.	4.6	114
5	Reduced mammalian target of rapamycin activity facilitates mitochondrial retrograde signaling and increases life span in normal human fibroblasts. Aging Cell, 2013, 12, 966-977.	6.7	106
6	Fate of microglia during HIVâ€1 infection: From activation to senescence?. Glia, 2017, 65, 431-446.	4.9	78
7	Changes in the Transcriptome of Human Astrocytes Accompanying Oxidative Stress-Induced Senescence. Frontiers in Aging Neuroscience, 2016, 8, 208.	3.4	72
8	Aberrant mTOR activation in senescence and aging: A mitochondrial stress response?. Experimental Gerontology, 2015, 68, 66-70.	2.8	69
9	Targeting metabolism in cellular senescence, a role for intervention. Molecular and Cellular Endocrinology, 2017, 455, 83-92.	3.2	62
10	Long-Term IGF-I Exposure Decreases Autophagy and Cell Viability. PLoS ONE, 2010, 5, e12592.	2.5	49
11	Rapamycin increases oxidative metabolism and enhances metabolic flexibility in human cardiac fibroblasts. GeroScience, 2018, 40, 243-256.	4.6	43
12	Mice Producing Reduced Levels of Insulin-Like Growth Factor Type 1 Display an Increase in Maximum, but not Mean, Life Span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 410-419.	3.6	40
13	Mitochondrial stress induces cellular senescence in an mTORC1-dependent manner. Free Radical Biology and Medicine, 2016, 95, 133-154.	2.9	35
14	Inhibition of mTOR Prevents ROS Production Initiated by Ethidium Bromide-Induced Mitochondrial DNA Depletion. Frontiers in Endocrinology, 2014, 5, 122.	3.5	28
15	Reactive Oxygen Species in Stem Cells. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-2.	4.0	28
16	Mitogen-Independent Phosphorylation of S6K1 and Decreased Ribosomal S6 Phosphorylation in Senescent Human Fibroblasts. Experimental Cell Research, 2000, 259, 284-292.	2.6	25
17	Maf1â€dependent transcriptional regulation of tRNAs prevents genomic instability and is associated with extended lifespan. Aging Cell, 2020, 19, e13068.	6.7	24
18	Correlations between age, functional status, and the senescence-associated proteins HMGB2 and p16INK4a. GeroScience, 2018, 40, 193-199.	4.6	23

#	Article	IF	Citations
19	DNA Damage Detection by 53BP1: Relationship to Species Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw170.	3.6	20
20	A pro longevity role for cellular senescence. GeroScience, 2020, 42, 867-879.	4.6	18
21	Minireview: The Complexities of IGF/Insulin Signaling in Aging: Why Flies and Worms Are Not Humans. Molecular Endocrinology, 2015, 29, 1107-1113.	3.7	16
22	Altered metabolism and resistance to obesity in long-lived mice producing reduced levels of IGF-I. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E545-E553.	3.5	14
23	Development and Longevity: Cellular and Molecular Determinants â€“ A Mini-Review. Gerontology, 2020, 66, 223-230.	2.8	11
24	Convergent adaptation of cellular machineries in the evolution of large body masses and long life spans. Biogerontology, 2017, 18, 485-497.	3.9	8
25	DNA damage-induced degradation of Sp1 promotes cellular senescence. GeroScience, 2022, 44, 683-698.	4.6	8
26	Maf1 limits RNA polymerase III-directed transcription to preserve genomic integrity and extend lifespan. Cell Cycle, 2021, 20, 247-255.	2.6	7
27	Distinct patterns of gene expression in human cardiac fibroblasts exposed to rapamycin treatment or methionine restriction. Annals of the New York Academy of Sciences, 2018, 1418, 95-105.	3.8	6
28	Mitochondrial Haplogroup Influences Motor Function in Long-Term HIV-1-Infected Individuals. PLoS ONE, 2016, 11, e0163772.	2.5	3
29	The methyltransferase enzymes KMT2D, SETD1B, and ASH1L are key mediators of both metabolic and epigenetic changes during cellular senescence. Molecular Biology of the Cell, 2022, 33, mbcE20080523.	2.1	3
30	Commentary: rapamycin for the aging skin. GeroScience, 2020, 42, 813-815.	4.6	2
31	Enhanced stress-induced senescence-response may increase species lifespan. Aging, 2021, 13, 15694-15696.	3.1	1
32	MTOR Inhibition Alters miRNA Profile in Cultured Bone Marrow Mesenchymal Stem Cells. Innovation in Aging, 2021, 5, 667-667.	0.1	1
33	Vincent Cristofalo (1933â€“2006): Extraordinary Gerontologist. Aging Clinical and Experimental Research, 2006, 18, 463-469.	2.9	0
34	Effects of lifelong decreased IGFâ€1 on physiological status in mice. FASEB Journal, 2010, 24, 630.4.	0.5	0
35	Accumulation of Senescent Cells in Kidneys is Dependent on Host Immune Status. FASEB Journal, 2019, 33, 802.67.	0.5	0