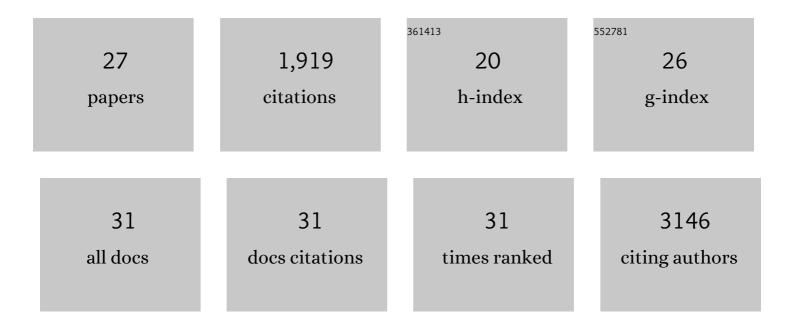
Sathyaseelan S Deepa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Animals lacking link protein have attenuated perineuronal nets and persistent plasticity. Brain, 2010, 133, 2331-2347.	7.6	411
2	APPL1: role in adiponectin signaling and beyond. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E22-E36.	3.5	241
3	Adiponectin Activates AMP-activated Protein Kinase in Muscle Cells via APPL1/LKB1-dependent and Phospholipase C/Ca2+/Ca2+/Calmodulin-dependent Protein Kinase Kinase-dependent Pathways. Journal of Biological Chemistry, 2009, 284, 22426-22435.	3.4	178
4	A new role for oxidative stress in aging: The accelerated aging phenotype in Sod1â^' mice is correlated to increased cellular senescence. Redox Biology, 2017, 11, 30-37.	9.0	138
5	Complex IV-deficient <i>Surf1</i> â^'/â^' mice initiate mitochondrial stress responses. Biochemical Journal, 2014, 462, 359-371.	3.7	89
6	The potential role of necroptosis in inflammaging and aging. GeroScience, 2019, 41, 795-811.	4.6	81
7	A new mouse model of frailty: the Cu/Zn superoxide dismutase knockout mouse. GeroScience, 2017, 39, 187-198.	4.6	79
8	Loss of mitochondrial protease ClpP protects mice from dietâ€induced obesity and insulin resistance. EMBO Reports, 2018, 19, .	4.5	75
9	Down-regulation of the mitochondrial matrix peptidase ClpP in muscle cells causes mitochondrial dysfunction and decreases cell proliferation. Free Radical Biology and Medicine, 2016, 91, 281-292.	2.9	68
10	Necroptosis contributes to chronic inflammation and fibrosis in aging liver. Aging Cell, 2021, 20, e13512.	6.7	66
11	Role of necroptosis in chronic hepatic inflammation and fibrosis in a mouse model of increased oxidative stress. Free Radical Biology and Medicine, 2021, 164, 315-328.	2.9	63
12	APPL1 Mediates Adiponectin-Induced LKB1 Cytosolic Localization Through the PP2A-PKCζ Signaling Pathway. Molecular Endocrinology, 2011, 25, 1773-1785.	3.7	61
13	Accelerated sarcopenia in Cu/Zn superoxide dismutase knockout mice. Free Radical Biology and Medicine, 2019, 132, 19-23.	2.9	51
14	Necroptosis increases with age and is reduced by dietary restriction. Aging Cell, 2018, 17, e12770.	6.7	40
15	Accelerated decline in cognition in a mouse model of increased oxidative stress. GeroScience, 2019, 41, 591-607.	4.6	37
16	Decreased <i>in vitro</i> Mitochondrial Function is Associated with Enhanced Brain Metabolism, Blood Flow, and Memory in Surfl-Deficient Mice. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1605-1611.	4.3	35
17	Necroptosis increases with age in the brain and contributes to age-related neuroinflammation. GeroScience, 2021, 43, 2345-2361.	4.6	33
18	Improved insulin sensitivity associated with reduced mitochondrial complex IV assembly and activity. FASEB Journal, 2013, 27, 1371-1380.	0.5	29

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#	Article	IF	CITATIONS
19	A fish oil diet induces mitochondrial uncoupling and mitochondrial unfolded protein response in epididymal white adipose tissue of mice. Free Radical Biology and Medicine, 2017, 108, 704-714.	2.9	29
20	The effect of different levels of dietary restriction on glucose homeostasis and metabolic memory. GeroScience, 2018, 40, 139-149.	4.6	27
21	Rapamycin Modulates Markers of Mitochondrial Biogenesis and Fatty Acid Oxidation in the Adipose Tissue of db/db Mice. Journal of Biochemical and Pharmacological Research, 2013, 1, 114-123.	1.7	21
22	Gossypin as a Novel Selective Dual Inhibitor of v-raf Murine Sarcoma Viral Oncogene Homolog B1 and Cyclin-Dependent Kinase 4 for Melanoma. Molecular Cancer Therapeutics, 2013, 12, 361-372.	4.1	20
23	The Geropathology Grading Platform demonstrates that mice null for Cu/Zn-superoxide dismutase show accelerated biological aging. GeroScience, 2018, 40, 97-103.	4.6	15
24	Lifelong reduction in complex IV induces tissueâ€ s pecific metabolic effects but does not reduce lifespan or healthspan in mice. Aging Cell, 2018, 17, e12769.	6.7	14
25	Sco2 deficient mice develop increased adiposity and insulin resistance. Molecular and Cellular Endocrinology, 2017, 455, 103-114.	3.2	11
26	Augmented Efficacy of Uttroside B over Sorafenib in a Murine Model of Human Hepatocellular Carcinoma. Pharmaceuticals, 2022, 15, 636.	3.8	4
27	Extension of Life Span in Laboratory Mice. , 2018, , 245-270.		2