

# Sathyaseelan S Deepa

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,919  
citations

361413

20  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Animals lacking link protein have attenuated perineuronal nets and persistent plasticity. <i>Brain</i> , 2010, 133, 2331-2347.	7.6	411
2	APPL1: role in adiponectin signaling and beyond. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E22-E36.	3.5	241
3	Adiponectin Activates AMP-activated Protein Kinase in Muscle Cells via APPL1/LKB1-dependent and Phospholipase C/Ca <sup>2+</sup> /Ca <sup>2+</sup> /Calmodulin-dependent Protein Kinase Kinase-dependent Pathways. <i>Journal of Biological Chemistry</i> , 2009, 284, 22426-22435.	3.4	178
4	A new role for oxidative stress in aging: The accelerated aging phenotype in Sod1 <sup>-/-</sup> mice is correlated to increased cellular senescence. <i>Redox Biology</i> , 2017, 11, 30-37.	9.0	138
5	Complex IV-deficient <i>Surf1</i> <sup>-/-</sup> mice initiate mitochondrial stress responses. <i>Biochemical Journal</i> , 2014, 462, 359-371.	3.7	89
6	The potential role of necroptosis in inflammaging and aging. <i>GeroScience</i> , 2019, 41, 795-811.	4.6	81
7	A new mouse model of frailty: the Cu/Zn superoxide dismutase knockout mouse. <i>GeroScience</i> , 2017, 39, 187-198.	4.6	79
8	Loss of mitochondrial protease ClpP protects mice from diet-induced obesity and insulin resistance. <i>EMBO Reports</i> , 2018, 19, .	4.5	75
9	Down-regulation of the mitochondrial matrix peptidase ClpP in muscle cells causes mitochondrial dysfunction and decreases cell proliferation. <i>Free Radical Biology and Medicine</i> , 2016, 91, 281-292.	2.9	68
10	Necroptosis contributes to chronic inflammation and fibrosis in aging liver. <i>Aging Cell</i> , 2021, 20, e13512.	6.7	66
11	Role of necroptosis in chronic hepatic inflammation and fibrosis in a mouse model of increased oxidative stress. <i>Free Radical Biology and Medicine</i> , 2021, 164, 315-328.	2.9	63
12	APPL1 Mediates Adiponectin-Induced LKB1 Cytosolic Localization Through the PP2A-PKC $\epsilon$ Signaling Pathway. <i>Molecular Endocrinology</i> , 2011, 25, 1773-1785.	3.7	61
13	Accelerated sarcopenia in Cu/Zn superoxide dismutase knockout mice. <i>Free Radical Biology and Medicine</i> , 2019, 132, 19-23.	2.9	51
14	Necroptosis increases with age and is reduced by dietary restriction. <i>Aging Cell</i> , 2018, 17, e12770.	6.7	40
15	Accelerated decline in cognition in a mouse model of increased oxidative stress. <i>GeroScience</i> , 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 Surf1-Deficient Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1605-1611.	4.3	35
17	Necroptosis increases with age in the brain and contributes to age-related neuroinflammation. <i>GeroScience</i> , 2021, 43, 2345-2361.	4.6	33
18	Improved insulin sensitivity associated with reduced mitochondrial complex IV assembly and activity. <i>FASEB Journal</i> , 2013, 27, 1371-1380.	0.5	29

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19	A fish oil diet induces mitochondrial uncoupling and mitochondrial unfolded protein response in epididymal white adipose tissue of mice. <i>Free Radical Biology and Medicine</i> , 2017, 108, 704-714.	2.9	29
20	The effect of different levels of dietary restriction on glucose homeostasis and metabolic memory. <i>GeroScience</i> , 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. <i>Journal of Biochemical and Pharmacological Research</i> , 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. <i>Molecular Cancer Therapeutics</i> , 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. <i>GeroScience</i> , 2018, 40, 97-103.	4.6	15
24	Lifelong reduction in complex IV induces tissue-specific metabolic effects but does not reduce lifespan or healthspan in mice. <i>Aging Cell</i> , 2018, 17, e12769.	6.7	14
25	Sco2 deficient mice develop increased adiposity and insulin resistance. <i>Molecular and Cellular Endocrinology</i> , 2017, 455, 103-114.	3.2	11
26	Augmented Efficacy of Uttroside B over Sorafenib in a Murine Model of Human Hepatocellular Carcinoma. <i>Pharmaceuticals</i> , 2022, 15, 636.	3.8	4
27	Extension of Life Span in Laboratory Mice. , 2018, , 245-270.		2