Srinivas Ayyadevara

List of Publications by Year
in descending order

16	2,113	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	3065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Remarkable longevity and stress resistance of nematode PI3Kâ€null mutants. Aging Cell, 2008, 7, 13-22.	6.7	193
3	Lifespan and stress resistance of Caenorhabditis elegans are increased by expression of glutathione transferases capable of metabolizing the lipid peroxidation product 4-hydroxynonenal. Aging Cell, 2005, 4, 257-271.	6.7	90
4	Apolipoprotein E4 inhibits autophagy gene products through direct, specific binding to CLEAR motifs. Alzheimer's and Dementia, 2018, 14, 230-242.	0.8	81
5	Life span and stress resistance of Caenorhabditis elegans are differentially affected by glutathione transferases metabolizing 4-hydroxynon-2-enal. Mechanisms of Ageing and Development, 2007, 128, 196-205.	4.6	76
6	Pericytes and immune cells contribute to complement activation in tubulointerstitial fibrosis. American Journal of Physiology - Renal Physiology, 2017, 312, F516-F532.	2.7	64
7	Proteins in aggregates functionally impact multiple neurodegenerative disease models by forming proteasomeâ€blocking complexes. Aging Cell, 2015, 14, 35-48.	6.7	54
8	Lifespan extension in hypomorphic daf-2 mutants of Caenorhabditis elegans is partially mediated by glutathione transferase CeGSTP2-2. Aging Cell, 2005, 4, 299-307.	6.7	44
9	Genetic Loci Modulating Fitness and Life Span in Caenorhabditis elegans: Categorical Trait Interval Mapping in CL2a Ã— Bergerac-BO Recombinant-Inbred Worms. Genetics, 2003, 163, 557-570.	2.9	34
10	Design and Synthesis of Novel Hybrid 8-Hydroxy Quinoline-Indole Derivatives as Inhibitors of AÎ² Self-Aggregation and Metal Chelation-Induced AÎ² Aggregation. Molecules, 2020, 25, 3610.	3.8	15
11	Aggregate Interactome Based on Protein Cross-linking Interfaces Predicts Drug Targets to Limit Aggregation in Neurodegenerative Diseases. IScience, 2019, 20, 248-264.	4.1	12
12	Functional assessments through novel proteomics approaches: Application to insulin/IGF signaling in neurodegenerative disease'. Journal of Neuroscience Methods, 2019, 319, 40-46.	2.5	7
13	Novel hydroxybenzylamine-deoxyvasicinone hybrids as anticholinesterase therapeutics for Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry, 2021, 45, 116311.	3.0	6
14	Involvement of tRNAs in replication of human mitochondrial DNA and modifying effects of telomerase. Mechanisms of Ageing and Development, 2017, 166, 55-63.	4.6	4
15	Label-free photothermal disruption of cytotoxic aggregates rescues pathology in a C. elegans model of Huntingtonâ€™s disease. Scientific Reports, 2021, 11, 19732.	3.3	2
16	P2â€181: ILâ€1Î² INFLUENCES AUTOPHAGY BY MEDIATING UPREGULATION OF PARKIN AND PARKIN NEDDYLATION IN CELL CULTURE AND ANIMAL MODELS, AND MIMICS THE PATTERN SEEN IN AD BRAIN. Alzheimer's and Dementia, 2018, 14, P737.	0.8	1