

# Srinivasa Subramaniam

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

6,272  
citations

471509

17  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

15167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Rhes, a Striatal Specific Protein, Mediates Mutant-Huntingtin Cytotoxicity. <i>Science</i> , 2009, 324, 1327-1330.	12.6	302
3	ERK and cell death: ERK1/2 in neuronal death. <i>FEBS Journal</i> , 2010, 277, 22-29.	4.7	228
4	Rhes, a Striatal-selective Protein Implicated in Huntington Disease, Binds Beclin-1 and Activates Autophagy. <i>Journal of Biological Chemistry</i> , 2014, 289, 3547-3554.	3.4	110
5	Huntingtin promotes mTORC1 signaling in the pathogenesis of Huntington's disease. <i>Science Signaling</i> , 2014, 7, ra103.	3.6	101
6	Rhes, a striatal-enriched small G protein, mediates mTOR signaling and L-DOPA-induced dyskinesia. <i>Nature Neuroscience</i> , 2012, 15, 191-193.	14.8	99
7	Cyclic GMP-AMP synthase promotes the inflammatory and autophagy responses in Huntington disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15989-15999.	7.1	86
8	Tau Aggregation and Progressive Neuronal Degeneration in the Absence of Changes in Spine Density and Morphology after Targeted Expression of Alzheimer's Disease-Relevant Tau Constructs in Organotypic Hippocampal Slices. <i>Journal of Neuroscience</i> , 2006, 26, 6103-6114.	3.6	80
9	Rhes, a Physiologic Regulator of Sumoylation, Enhances Cross-sumoylation between the Basic Sumoylation Enzymes E1 and Ubc9. <i>Journal of Biological Chemistry</i> , 2010, 285, 20428-20432.	3.4	78
10	Mutant Huntingtin stalls ribosomes and represses protein synthesis in a cellular model of Huntington disease. <i>Nature Communications</i> , 2021, 12, 1461.	12.8	65
11	Rhes travels from cell to cell and transports Huntington disease protein via TNT-like protrusion. <i>Journal of Cell Biology</i> , 2019, 218, 1972-1993.	5.2	53
12	Huntington's Disease is a disorder of the corpus striatum: Focus on Rhes (Ras homologue enriched in) Tj ETQq0,0 0 rgBT /Overlock 51	4.1	51
13	Ectopic expression of the striatal-enriched GTPase Rhes elicits cerebellar degeneration and an ataxia phenotype in Huntington's disease. <i>Neurobiology of Disease</i> , 2015, 82, 66-77.	4.4	45
14	Rheb Inhibits Protein Synthesis by Activating the PERK-eIF2 $\gamma$ Signaling Cascade. <i>Cell Reports</i> , 2015, 10, 684-693.	6.4	43
15	Rhes, a striatal-enriched protein, promotes mitophagy via Nix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23760-23771.	7.1	37
16	RasGRP1 promotes amphetamine-induced motor behavior through a Rhes interaction network (Rhesactome) in the striatum. <i>Science Signaling</i> , 2016, 9, ra111.	3.6	36
17	RasGRP1 is a causal factor in the development of <sc></sc> -DOPA-induced dyskinesia in Parkinson's disease. <i>Science Advances</i> , 2020, 6, eaaz7001.	10.3	33
18	Deletion of SUMO1 attenuates behavioral and anatomical deficits by regulating autophagic activities in Huntington disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	21

#	ARTICLE	IF	CITATIONS
19	Selective Neuronal Death in Neurodegenerative Diseases: The Ongoing Mystery. <i>Yale Journal of Biology and Medicine</i> , 2019, 92, 695-705.	0.2	15
20	The mammalian target of rapamycin (mTOR) kinase mediates haloperidol-induced cataleptic behavior. <i>Translational Psychiatry</i> , 2020, 10, 336.	4.8	13
21	Forebrain depletion of Rheb GTPase elicits spatial memory deficits in mice. <i>Neurobiology of Aging</i> , 2017, 50, 134-143.	3.1	12
22	Rhes Tunnels: A Radical New Way of Communication in the Brain's Striatum?. <i>BioEssays</i> , 2020, 42, e1900231.	2.5	12
23	Exaggerated mitophagy: a weapon of striatal destruction in the brain?. <i>Biochemical Society Transactions</i> , 2020, 48, 709-717.	3.4	12
24	Rhes protein transits from neuron to neuron and facilitates mutant huntingtin spreading in the brain. <i>Science Advances</i> , 2022, 8, eabm3877.	10.3	12
25	Global Rhes knockout in the Q175 Huntington's disease mouse model. <i>PLoS ONE</i> , 2021, 16, e0258486.	2.5	4
26	Abnormal RasGRP1 Expression in the Post-Mortem Brain and Blood Serum of Schizophrenia Patients. <i>Biomolecules</i> , 2022, 12, 328.	4.0	4
27	Ribosome traffic jam in neurodegeneration: decoding hurdles in Huntington disease. <i>Cell Stress</i> , 2021, 5, 86-88.	3.2	3