

Joan S Steffan

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

13,400
citations

279798

23
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

23855
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	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Histone deacetylase inhibitors arrest polyglutamine-dependent neurodegeneration in <i>Drosophila</i> . <i>Nature</i> , 2001, 413, 739-743.	27.8	1,156
4	Suberoylanilide hydroxamic acid, a histone deacetylase inhibitor, ameliorates motor deficits in a mouse model of Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2041-2046.	7.1	805
5	SUMO Modification of Huntingtin and Huntington's Disease Pathology. <i>Science</i> , 2004, 304, 100-104.	12.6	627
6	IKK phosphorylates Huntingtin and targets it for degradation by the proteasome and lysosome. <i>Journal of Cell Biology</i> , 2009, 187, 1083-1099.	5.2	343
7	Nicotinamide Restores Cognition in Alzheimer's Disease Transgenic Mice via a Mechanism Involving Sirtuin Inhibition and Selective Reduction of Thr231-Phosphotau. <i>Journal of Neuroscience</i> , 2008, 28, 11500-11510.	3.6	339
8	Serines 13 and 16 Are Critical Determinants of Full-Length Human Mutant Huntingtin Induced Disease Pathogenesis in HD Mice. <i>Neuron</i> , 2009, 64, 828-840.	8.1	288
9	Inhibition of specific HDACs and sirtuins suppresses pathogenesis in a <i>Drosophila</i> model of Huntington's disease. <i>Human Molecular Genetics</i> , 2008, 17, 3767-3775.	2.9	248
10	The first 17 amino acids of Huntingtin modulate its sub-cellular localization, aggregation and effects on calcium homeostasis. <i>Human Molecular Genetics</i> , 2007, 16, 61-77.	2.9	247
11	Potential function for the Huntingtin protein as a scaffold for selective autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16889-16894.	7.1	236
12	A bivalent Huntingtin binding peptide suppresses polyglutamine aggregation and pathogenesis in <i>Drosophila</i> . <i>Nature Genetics</i> , 2002, 30, 367-376.	21.4	167
13	Phosphorylation of Threonine 3. <i>Journal of Biological Chemistry</i> , 2009, 284, 29427-29436.	3.4	152
14	Ganglioside GM1 induces phosphorylation of mutant huntingtin and restores normal motor behavior in Huntington disease mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3528-3533.	7.1	140
15	Selective histone deacetylase (HDAC) inhibition imparts beneficial effects in Huntington's disease mice: implications for the ubiquitin-proteasomal and autophagy systems. <i>Human Molecular Genetics</i> , 2012, 21, 5280-5293.	2.9	128
16	Treating the whole body in Huntington's disease. <i>Lancet Neurology</i> , The, 2015, 14, 1135-1142.	10.2	126
17	SUMO-2 and PIAS1 Modulate Insoluble Mutant Huntingtin Protein Accumulation. <i>Cell Reports</i> , 2013, 4, 362-375.	6.4	97
18	Human Neural Stem Cell Transplantation Rescues Functional Deficits in R6/2 and Q140 Huntington's Disease Mice. <i>Stem Cell Reports</i> , 2018, 10, 58-72.	4.8	76

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19	PIAS1 Regulates Mutant Huntingtin Accumulation and Huntington's Disease-Associated Phenotypes In Vivo. <i>Neuron</i> , 2016, 90, 507-520.	8.1	73
20	RRN11 Encodes the Third Subunit of the Complex Containing Rrn6p and Rrn7p That Is Essential for the Initiation of rDNA Transcription by Yeast RNA Polymerase I. <i>Journal of Biological Chemistry</i> , 1996, 271, 21062-21067.	3.4	70
21	Does Huntingtin play a role in selective macroautophagy?. <i>Cell Cycle</i> , 2010, 9, 3401-3413.	2.6	68
22	Serine 421 regulates mutant huntingtin toxicity and clearance in mice. <i>Journal of Clinical Investigation</i> , 2016, 126, 3585-3597.	8.2	44
23	PIAS1 modulates striatal transcription, DNA damage repair, and SUMOylation with relevance to Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
24	IKK β slows Huntington's disease progression in R6/1 mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10952-10961.	7.1	23
25	Targeting aggregation in the development of therapeutics for the treatment of Huntington's disease and other polyglutamine repeat diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 201-213.	3.4	18
26	Isoform-dependent lysosomal degradation and internalization of apolipoprotein E requires autophagy proteins. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	16
27	Human Neural Progenitor Transplantation Rescues Behavior and Reduces α -Synuclein in a Transgenic Model of Dementia with Lewy Bodies. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1477-1490.	3.3	14
28	Striatal Mutant Huntingtin Protein Levels Decline with Age in Homozygous Huntington's Disease Knock-In Mouse Models. <i>Journal of Huntington's Disease</i> , 2018, 7, 137-150.	1.9	14
29	Cooperation of cell adhesion and autophagy in the brain: Functional roles in development and neurodegenerative disease. <i>Matrix Biology Plus</i> , 2021, 12, 100089.	3.5	8
30	Serine residues 13 and 16 are key modulators of mutant huntingtin induced toxicity in <i>Drosophila</i> . <i>Experimental Neurology</i> , 2021, 338, 113463.	4.1	7
31	Diminished LC3-Associated Phagocytosis by Huntington's Disease Striatal Astrocytes. <i>Journal of Huntington's Disease</i> , 2022, 11, 25-33.	1.9	7
32	Transglutaminase 6 Is Colocalized and Interacts with Mutant Huntingtin in Huntington Disease Rodent Animal Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8914.	4.1	6
33	Longitudinal Biochemical Assay Analysis of Mutant Huntingtin Exon 1 Protein in R6/2 Mice. <i>Journal of Huntington's Disease</i> , 2018, 7, 321-335.	1.9	5
34	A cause for childhood ataxia. <i>ELife</i> , 2016, 5, .	6.0	1
35	A20...A role for transglutaminase 6 in hd pathology. , 2018, , .		0
36	APOE4 dysregulates autophagy in cultured cells. , 2022, 1, 29-33.		0