

# Leslie M Thompson

## List of Publications by Citations

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24  
papers

3,050  
citations

16  
h-index

44  
g-index

44  
ext. papers

3,639  
ext. citations

12.9  
avg, IF

3.94  
L-index

#	Paper	IF	Citations
24	Histone deacetylase inhibitors arrest polyglutamine-dependent neurodegeneration in <i>Drosophila</i> . <i>Nature</i> , <b>2001</b> , 413, 739-43	50.4	1028
23	Thanatophoric dysplasia (types I and II) caused by distinct mutations in fibroblast growth factor receptor 3. <i>Nature Genetics</i> , <b>1995</b> , 9, 321-8	36.3	524
22	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. <i>Neuron</i> , <b>2018</b> , 97, 1268-1283.e6	13.9	296
21	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> , <b>2014</b> , 111, 16889-94	11.5	183
20	Identifying polyglutamine protein species in situ that best predict neurodegeneration. <i>Nature Chemical Biology</i> , <b>2011</b> , 7, 925-34	11.7	152
19	Huntington's Disease iPSC-Derived Brain Microvascular Endothelial Cells Reveal WNT-Mediated Angiogenic and Blood-Brain Barrier Deficits. <i>Cell Reports</i> , <b>2017</b> , 19, 1365-1377	10.6	143
18	Modeling Psychomotor Retardation using iPSCs from MCT8-Deficient Patients Indicates a Prominent Role for the Blood-Brain Barrier. <i>Cell Stem Cell</i> , <b>2017</b> , 20, 831-843.e5	18	130
17	Reinstating aberrant mTORC1 activity in Huntington's disease mice improves disease phenotypes. <i>Neuron</i> , <b>2015</b> , 85, 303-15	13.9	115
16	A transgenic minipig model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , <b>2013</b> , 2, 47-68	1.9	70
15	KEAP1-modifying small molecule reveals muted NRF2 signaling responses in neural stem cells from Huntington's disease patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4676-E4685	11.5	65
14	Human Neural Stem Cell Transplantation Rescues Functional Deficits in R6/2 and Q140 Huntington's Disease Mice. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 58-72	8	57
13	SIRT2- and NRF2-Targeting Thiazole-Containing Compound with Therapeutic Activity in Huntington's Disease Models. <i>Cell Chemical Biology</i> , <b>2016</b> , 23, 849-861	8.2	54
12	TRiC subunits enhance BDNF axonal transport and rescue striatal atrophy in Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5655-64	11.5	53
11	Mutant huntingtin impairs PNKP and ATXN3, disrupting DNA repair and transcription. <i>ELife</i> , <b>2019</b> , 8,	8.9	45
10	PIAS1 Regulates Mutant Huntingtin Accumulation and Huntington's Disease-Associated Phenotypes In Vivo. <i>Neuron</i> , <b>2016</b> , 90, 507-20	13.9	45
9	A Comparison of mRNA Sequencing with Random Primed and 3'UTR Directed Libraries. <i>Scientific Reports</i> , <b>2017</b> , 7, 14626	4.9	27
8	The ubiquitin conjugating enzyme Ube2W regulates solubility of the Huntington's disease protein, huntingtin. <i>Neurobiology of Disease</i> , <b>2018</b> , 109, 127-136	7.5	15

7	Comparison of phosphodiesterase 10A, dopamine receptors D1 and D2 and dopamine transporter ligand binding in the striatum of the R6/2 and BACHD mouse models of Huntington's disease. <i>Journal of Huntington's Disease</i> , <b>2014</b> , 3, 333-41	1.9	13
6	Huntington's disease mice and human brain tissue exhibit increased G3BP1 granules and TDP43 mislocalization. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	7
5	Fractionation for Resolution of Soluble and Insoluble Huntingtin Species. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	6
4	Answer ALS, a large-scale resource for sporadic and familial ALS combining clinical and multi-omics data from induced pluripotent cell lines.. <i>Nature Neuroscience</i> , <b>2022</b> , 25, 226-237	25.5	6
3	Calcium Dynamics in Astrocytes During Cell Injury. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 912	5.8	6
2	An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. <i>iScience</i> , <b>2021</b> , 24, 103221	6.1	5
1	Cell Therapy for Huntington's Disease: Learning from Failure. <i>Movement Disorders</i> , <b>2021</b> , 36, 787-788	7	1