

# Lori M Buhlman

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

580  
citations

933447

10  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional interplay between Parkin and Drp1 in mitochondrial fission and clearance. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2012-2026.	4.1	134
2	Characterization of Human $\alpha 4 \beta 2$ -Nicotinic Acetylcholine Receptors Stably and Heterologously Expressed in Native Nicotinic Receptor-Null SH-EP1 Human Epithelial Cells. <i>Molecular Pharmacology</i> , 2003, 64, 1283-1294.	2.3	110
3	Functional Nicotinic Acetylcholine Receptors Containing $\alpha 6$ Subunits Are on GABAergic Neuronal Boutons Adherent to Ventral Tegmental Area Dopamine Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 2537-2548.	3.6	79
4	Lateralization and effects of adult androgen in a sexually dimorphic neuromuscular system controlling song in zebra finches. <i>Journal of Comparative Neurology</i> , 2000, 426, 154-164.	1.6	64
5	Nicotine increases lifespan and rescues olfactory and motor deficits in a <i>Drosophila</i> model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2013, 253, 95-102.	2.2	47
6	Post-hatching hormonal modulation of a sexually dimorphic neuromuscular system controlling song in zebra finches. <i>Brain Research</i> , 2002, 929, 191-201.	2.2	40
7	Heterologous Expression of Human $\alpha 6 \beta 4 \beta 3 \alpha 5$ Nicotinic Acetylcholine Receptors: Binding Properties Consistent with Their Natural Expression Require Quaternary Subunit Assembly Including the $\alpha 5$ Subunit. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 619-626.	2.5	39
8	Vulnerable Parkin Loss-of-Function <i>Drosophila</i> Dopaminergic Neurons Have Advanced Mitochondrial Aging, Mitochondrial Network Loss and Transiently Reduced Autophagosome Recruitment. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 39.	3.7	26
9	$\alpha 6$ subunit-containing nicotinic receptors mediate low-dose ethanol effects on ventral tegmental area neurons and ethanol reward. <i>Addiction Biology</i> , 2018, 23, 1079-1093.	2.6	14
10	Parkin loss-of-function pathology: Premature neuronal senescence induced by high levels of reactive oxygen species?. <i>Mechanisms of Ageing and Development</i> , 2017, 161, 112-120.	4.6	12
11	<i>Drosophila</i> as a model to explore secondary injury cascades after traumatic brain injury. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112079.	5.6	12
12	Measuring Mitochondrial Hydrogen Peroxide Levels and Glutathione Redox Equilibrium in <i>Drosophila</i> Neuron Subtypes Using Redox-Sensitive Fluorophores and 3D Imaging. <i>Methods in Molecular Biology</i> , 2021, 2276, 113-127.	0.9	2
13	3D quantification of autophagy activation and autophagosome-to-mitochondria recruitment in a <i>Drosophila</i> model of Parkinson's disease. <i>STAR Protocols</i> , 2021, 2, 100408.	1.2	1
14	Early Nicotine Exposure Is Protective in Familial and Idiopathic Models of Parkinson's Disease. , 2016, , 219-229.		0
15	Altering Mitochondrial Fusion and Fission Protein Levels Rescues Parkin and PINK1 Loss-of-Function Phenotypes. , 2016, , 207-218.		0
16	Nicotine Has a Therapeutic Window of Effectiveness in a <i>Drosophila melanogaster</i> Model of Parkinson's Disease. <i>Parkinson's Disease</i> , 2022, 2022, 1-11.	1.1	0