Marja D Sepers

List of Publications by Year
in descending order

18 papers	1,362 citations	623734 14 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	2019 citing authors

#	Article	IF	Citations
1	Nutritional omega-3 deficiency abolishes endocannabinoid-mediated neuronal functions. Nature Neuroscience, 2011, 14, 345-350.	14.8	276
2	Uncoupling of the endocannabinoid signalling complex in a mouse model of fragile X syndrome. Nature Communications, 2012, 3, 1080.	12.8	234
3	Opposing Roles of Synaptic and Extrasynaptic NMDA Receptor Signaling in Cocultured Striatal and Cortical Neurons. Journal of Neuroscience, 2012, 32, 3992-4003.	3.6	121
4	Mechanisms of synaptic dysfunction and excitotoxicity in Huntington's disease. Drug Discovery Today, 2014, 19, 990-996.	6.4	101
5	Alterations in synaptic function and plasticity in Huntington disease. Journal of Neurochemistry, 2019, 150, 346-365.	3.9	90
6	An enhanced Q175 knock-in mouse model of Huntington disease with higher mutant huntingtin levels and accelerated disease phenotypes. Human Molecular Genetics, 2016, 25, 3654-3675.	2.9	85
7	Calpain and STriatal-Enriched protein tyrosine Phosphatase (STEP) activation contribute to extrasynaptic NMDA receptor localization in a Huntington's disease mouse model. Human Molecular Genetics, 2012, 21, 3739-3752.	2.9	75
8	Mitigation of augmented extrasynaptic NMDAR signaling and apoptosis in cortico-striatal co-cultures from Huntington's disease mice. Neurobiology of Disease, 2012, 48, 40-51.	4.4	74
9	Chronic blockade of extrasynaptic NMDA receptors ameliorates synaptic dysfunction and pro-death signaling in Huntington disease transgenic mice. Neurobiology of Disease, 2014, 62, 533-542.	4.4	74
10	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. Frontiers in Behavioral Neuroscience, 2016, 10, 211.	2.0	55
11	Genetic rescue of CB1 receptors on medium spiny neurons prevents loss of excitatory striatal synapses but not motor impairment in HD mice. Neurobiology of Disease, 2014, 71, 140-150.	4.4	46
12	Functional and structural deficits at accumbens synapses in a mouse model of Fragile X. Frontiers in Cellular Neuroscience, 2015, 9, 100.	3.7	42
13	Endocannabinoid-Specific Impairment in Synaptic Plasticity in Striatum of Huntington's Disease Mouse Model. Journal of Neuroscience, 2018, 38, 544-554.	3.6	28
14	Endocannabinoid LTD in Accumbal D1 Neurons Mediates Reward-Seeking Behavior. IScience, 2020, 23, 100951.	4.1	27
15	Regulation of hippocampal excitatory synapses by the Zdhhc5 palmitoyl acyltransferase. Journal of Cell Science, 2021, 134, .	2.0	13
16	Altered cortical processing of sensory input in Huntington disease mouse models. Neurobiology of Disease, 2022, 169, 105740.	4.4	9
17	Influence of cortical synaptic input on striatal neuronal dendritic arborization and sensitivity to excitotoxicity in corticostriatal coculture. Journal of Neurophysiology, 2016, 116, 380-390.	1.8	7
18	Impaired Refinement of Kinematic Variability in Huntington Disease Mice on an Automated Home Cage Forelimb Motor Task. Journal of Neuroscience, 2021, 41, 8589-8602.	3.6	4