

Paula A Desplats

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4673597/publications.pdf>

Version: 2024-02-01

55
papers

7,150
citations

94269

37
h-index

174990

52
g-index

57
all docs

57
docs citations

57
times ranked

9616
citing authors

#	ARTICLE	IF	CITATIONS
1	Inclusion formation and neuronal cell death through neuron-to-neuron transmission of $\hat{\pm}$ -synuclein. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13010-13015.	3.3	1,308
2	In vivo demonstration that $\hat{\pm}$ -synuclein oligomers are toxic. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4194-4199.	3.3	1,252
3	Selective Molecular Alterations in the Autophagy Pathway in Patients with Lewy Body Disease and in Models of $\hat{\pm}$ -Synucleinopathy. PLoS ONE, 2010, 5, e9313.	1.1	327
4	Antibody-Aided Clearance of Extracellular $\hat{\pm}$ -Synuclein Prevents Cell-to-Cell Aggregate Transmission. Journal of Neuroscience, 2012, 32, 13454-13469.	1.7	290
5	Distinctive patterns of DNA methylation associated with Parkinson disease. Epigenetics, 2013, 8, 1030-1038.	1.3	275
6	The HDAC inhibitor 4b ameliorates the disease phenotype and transcriptional abnormalities in Huntington's disease transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15564-15569.	3.3	271
7	Cell-to-cell transmission of non-prion protein aggregates. Nature Reviews Neurology, 2010, 6, 702-706.	4.9	269
8	$\hat{\pm}$ -Synuclein Sequesters Dnmt1 from the Nucleus. Journal of Biological Chemistry, 2011, 286, 9031-9037.	1.6	258
9	Mechanisms of Hybrid Oligomer Formation in the Pathogenesis of Combined Alzheimer's and Parkinson's Diseases. PLoS ONE, 2008, 3, e3135.	1.1	233
10	Molecular and pathologic insights from latent HIV-1 infection in the human brain. Neurology, 2013, 80, 1415-1423.	1.5	160
11	Role of $\hat{\pm}$ -synuclein penetration into the membrane in the mechanisms of oligomer pore formation. FEBS Journal, 2012, 279, 1000-1013.	2.2	146
12	Perfect timing: circadian rhythms, sleep, and immunity – an NIH workshop summary. JCI Insight, 2020, 5, .	2.3	136
13	Dopamine receptor activation promotes adult neurogenesis in an acute Parkinson model. Experimental Neurology, 2009, 219, 543-552.	2.0	133
14	TOM40 Mediates Mitochondrial Dysfunction Induced by $\hat{\pm}$ -Synuclein Accumulation in Parkinson's Disease. PLoS ONE, 2013, 8, e62277.	1.1	133
15	$\hat{\pm}$ -Synuclein Alters Notch-1 Expression and Neurogenesis in Mouse Embryonic Stem Cells and in the Hippocampus of Transgenic Mice. Journal of Neuroscience, 2008, 28, 4250-4260.	1.7	127
16	Selective deficits in the expression of striatal-enriched mRNAs in Huntington's disease. Journal of Neurochemistry, 2006, 96, 743-757.	2.1	125
17	A <i>de novo</i> compound targeting $\hat{\pm}$ -synuclein improves deficits in models of Parkinson's disease. Brain, 2016, 139, 3217-3236.	3.7	122
18	Glycolipid and ganglioside metabolism imbalances in Huntington's disease. Neurobiology of Disease, 2007, 27, 265-277.	2.1	120

#	ARTICLE	IF	CITATIONS
19	Chemotaxis of <i>Silicibacter</i> sp. Strain TM1040 toward Dinoflagellate Products. <i>Applied and Environmental Microbiology</i> , 2004, 70, 4692-4701.	1.4	119
20	Circadian alterations during early stages of Alzheimer's disease are associated with aberrant cycles of DNA methylation in BMAL1. <i>Alzheimer's and Dementia</i> , 2017, 13, 689-700.	0.4	83
21	ESCRT-mediated Uptake and Degradation of Brain-targeted $\hat{\pm}$ -synuclein Single Chain Antibody Attenuates Neuronal Degeneration In Vivo. <i>Molecular Therapy</i> , 2014, 22, 1753-1767.	3.7	80
22	Alterations in mGluR5 Expression and Signaling in Lewy Body Disease and in Transgenic Models of Alpha-Synucleinopathy " Implications for Excitotoxicity. <i>PLoS ONE</i> , 2010, 5, e14020.	1.1	66
23	$\hat{\pm}$ -Synuclein Induces Alterations in Adult Neurogenesis in Parkinson Disease Models via p53-mediated Repression of Notch1. <i>Journal of Biological Chemistry</i> , 2012, 287, 31691-31702.	1.6	64
24	Functional roles for the striatal-enriched transcription factor, Bcl11b, in the control of striatal gene expression and transcriptional dysregulation in Huntington's disease. <i>Neurobiology of Disease</i> , 2008, 31, 298-308.	2.1	63
25	Combined exposure to Maneb and Paraquat alters transcriptional regulation of neurogenesis-related genes in mice models of Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2012, 7, 49.	4.4	63
26	DNA methylation changes associated with Parkinson's disease progression: outcomes from the first longitudinal genome-wide methylation analysis in blood. <i>Epigenetics</i> , 2019, 14, 365-382.	1.3	58
27	Increased CDK5 Expression in HIV Encephalitis Contributes to Neurodegeneration via Tau Phosphorylation and Is Reversed with Roscovitine. <i>American Journal of Pathology</i> , 2011, 178, 1646-1661.	1.9	56
28	Forkhead box protein p1 is a transcriptional repressor of immune signaling in the CNS: implications for transcriptional dysregulation in Huntington disease. <i>Human Molecular Genetics</i> , 2012, 21, 3097-3111.	1.4	55
29	Hippocampal neuronal cells that accumulate $\hat{\pm}$ -synuclein fragments are more vulnerable to $\hat{\pm}$ oligomer toxicity via mGluR5 " implications for dementia with Lewy bodies. <i>Molecular Neurodegeneration</i> , 2014, 9, 18.	4.4	53
30	$\hat{\pm}$ -Synuclein interferes with the ESCRT-III complex contributing to the pathogenesis of Lewy body disease. <i>Human Molecular Genetics</i> , 2016, 25, 1100-1115.	1.4	45
31	Cell-to-Cell Transmission of $\hat{\pm}$ -Synuclein Aggregates. <i>Methods in Molecular Biology</i> , 2012, 849, 347-359.	0.4	45
32	Reducing Endogenous $\hat{\pm}$ -Synuclein Mitigates the Degeneration of Selective Neuronal Populations in an Alzheimer's Disease Transgenic Mouse Model. <i>Journal of Neuroscience</i> , 2016, 36, 7971-7984.	1.7	44
33	MicroRNA-101 Modulates Autophagy and Oligodendroglial Alpha-Synuclein Accumulation in Multiple System Atrophy. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 329.	1.4	43
34	Combination of alpha-synuclein immunotherapy with anti-inflammatory treatment in a transgenic mouse model of multiple system atrophy. <i>Acta Neuropathologica Communications</i> , 2017, 5, 2.	2.4	41
35	Evaluation of Biochemical and Epigenetic Measures of Peripheral Brain-Derived Neurotrophic Factor (BDNF) as a Biomarker in Huntington's Disease Patients. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 335.	1.4	41
36	Epigenetic Alterations in the Brain Associated with HIV-1 Infection and Methamphetamine Dependence. <i>PLoS ONE</i> , 2014, 9, e102555.	1.1	40

#	ARTICLE	IF	CITATIONS
37	Neuro-peptide treatment with Cerebrolysin improves the survival of neural stem cell grafts in an APP transgenic model of Alzheimer disease. <i>Stem Cell Research</i> , 2015, 15, 54-67.	0.3	37
38	Cerebellar lipid differences between R6/1 transgenic mice and humans with Huntingtonâ€™s disease. <i>Journal of Neurochemistry</i> , 2010, 115, 748-758.	2.1	36
39	In Vivo Alterations in Calcium Buffering Capacity in Transgenic Mouse Model of Synucleinopathy. <i>Journal of Neuroscience</i> , 2012, 32, 9992-9998.	1.7	36
40	A Neuroprotective Brain-penetrating Endopeptidase Fusion Protein Ameliorates Alzheimer Disease Pathology and Restores Neurogenesis. <i>Journal of Biological Chemistry</i> , 2014, 289, 17917-17931.	1.6	36
41	Neuroprotective effects of the immunomodulatory drug FK506 in a model of HIV1-gp120 neurotoxicity. <i>Journal of Neuroinflammation</i> , 2016, 13, 120.	3.1	34
42	Microglial memory of early life stress and inflammation: Susceptibility to neurodegeneration in adulthood. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 232-242.	2.9	34
43	Non-invasive biomarkers of fetal brain development reflecting prenatal stress: An integrative multi-scale multi-species perspective on data collection and analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 165-183.	2.9	31
44	Hypoestoxide reduces neuroinflammation and Î±-synuclein accumulation in a mouse model of Parkinsonâ€™s disease. <i>Journal of Neuroinflammation</i> , 2015, 12, 236.	3.1	29
45	Alterations in brain <sc>TREM</sc>2 and Amyloidâ€™ levels are associated with neurocognitive impairment in <sc>HIV</sc>-infected persons on antiretroviral therapy. <i>Journal of Neurochemistry</i> , 2018, 147, 784-802.	2.1	28
46	Perinatal Programming of Neurodevelopment: Epigenetic Mechanisms and the Prenatal Shaping of the Brain. <i>Advances in Neurobiology</i> , 2015, 10, 335-361.	1.3	27
47	Structural Diversity of Alzheimer's Disease Amyloid-Î² Dimers and Their Role in Oligomerization and Fibril Formation. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 583-600.	1.2	26
48	Alterations in Striatal microRNA-mRNA Networks Contribute to Neuroinflammation in Multiple System Atrophy. <i>Molecular Neurobiology</i> , 2019, 56, 7003-7021.	1.9	22
49	Identification of Insulin Receptor Splice Variant B in Neurons by in situ Detection in Human Brain Samples. <i>Scientific Reports</i> , 2018, 8, 4070.	1.6	14
50	Differential blood DNA methylation across Lewy body dementias. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12156.	1.2	7
51	Neuropeptide Treatment with Cerebrolysin Enhances the Survival of Grafted Neural Stem Cell in an Î±-Synuclein Transgenic Model of Parkinson's Disease. <i>Journal of Experimental Neuroscience</i> , 2015, 9s2, JEN.S25521.	2.3	5
52	P4-204: NEURO-PEPTIDE TREATMENT WITH CEREBROLYSIN IMPROVES THE SURVIVAL OF NEURAL STEM CELL GRAFTS IN THE APP TRANSGENIC MODEL OF ALZHEIMER'S DISEASE. , 2014, 10, P863-P863.		1
53	Increased Calcium Influx and Decreased Buffering Capacity of Intracellular Stores Underlie Neuropathology Induced by Over-Expression of Î±-Synuclein. <i>Biophysical Journal</i> , 2012, 102, 424a-425a.	0.2	0
54	P3â€™107: Alterations in DNA Methylation Contribute to Neuroinflammation in Alzheimerâ€™s Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P860.	0.4	0

#	ARTICLE	IF	CITATIONS
55	P2â€195: AMYLOID BETA INDUCES ABERRANT DNA METHYLATION TRANSITIONS THAT ACTIVATE MICROGLIA. Alzheimer's and Dementia, 2018, 14, P743.	0.4	0