

Paula A Desplats

List of Publications by Year in descending order

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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	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
2	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
3	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
4	Perfect timing: circadian rhythms, sleep, and immunity – an NIH workshop summary. <i>JCI Insight</i> , 2020, 5, .	2.3	136
5	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
6	Alterations in Striatal microRNA-mRNA Networks Contribute to Neuroinflammation in Multiple System Atrophy. <i>Molecular Neurobiology</i> , 2019, 56, 7003-7021.	1.9	22
7	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
8	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
9	P2195: AMYLOID BETA INDUCES ABERRANT DNA METHYLATION TRANSITIONS THAT ACTIVATE MICROGLIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P743.	0.4	0
10	Alterations in brain TREM2 and Amyloid β levels are associated with neurocognitive impairment in HIV-infected persons on antiretroviral therapy. <i>Journal of Neurochemistry</i> , 2018, 147, 784-802.	2.1	28
11	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
12	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
13	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
14	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
15	P3107: Alterations in DNA Methylation Contribute to Neuroinflammation in Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P860.	0.4	0
16	A de novo compound targeting α -synuclein improves deficits in models of Parkinson's disease. <i>Brain</i> , 2016, 139, 3217-3236.	3.7	122
17	Reducing Endogenous α -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
18	α -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

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19	Hypoxia reduces neuroinflammation and α -synuclein accumulation in a mouse model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2015, 12, 236.	3.1	29
20	Neuropeptide Treatment with Cerebrolysin Enhances the Survival of Grafted Neural Stem Cell in an α -Synuclein Transgenic Model of Parkinson's Disease. <i>Journal of Experimental Neuroscience</i> , 2015, 9s2, JEN.S25521.	2.3	5
21	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
22	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
23	ESCRT-mediated Uptake and Degradation of Brain-targeted α -Synuclein Single Chain Antibody Attenuates Neuronal Degeneration In Vivo. <i>Molecular Therapy</i> , 2014, 22, 1753-1767.	3.7	80
24	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
25	Structural Diversity of Alzheimer's Disease Amyloid- β Dimers and Their Role in Oligomerization and Fibril Formation. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 583-600.	1.2	26
26	Hippocampal neuronal cells that accumulate α -synuclein fragments are more vulnerable to $A\beta$ oligomer toxicity via mGluR5 α implications for dementia with Lewy bodies. <i>Molecular Neurodegeneration</i> , 2014, 9, 18.	4.4	53
27	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
28	Epigenetic Alterations in the Brain Associated with HIV-1 Infection and Methamphetamine Dependence. <i>PLoS ONE</i> , 2014, 9, e102555.	1.1	40
29	Molecular and pathologic insights from latent HIV-1 infection in the human brain. <i>Neurology</i> , 2013, 80, 1415-1423.	1.5	160
30	Distinctive patterns of DNA methylation associated with Parkinson disease. <i>Epigenetics</i> , 2013, 8, 1030-1038.	1.3	275
31	TOM40 Mediates Mitochondrial Dysfunction Induced by α -Synuclein Accumulation in Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e62277.	1.1	133
32	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
33	Antibody-Aided Clearance of Extracellular α -Synuclein Prevents Cell-to-Cell Aggregate Transmission. <i>Journal of Neuroscience</i> , 2012, 32, 13454-13469.	1.7	290
34	Increased Calcium Influx and Decreased Buffering Capacity of Intracellular Stores Underlie Neuropathology Induced by Over-Expression of α -Synuclein. <i>Biophysical Journal</i> , 2012, 102, 424a-425a.	0.2	0
35	α -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
36	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

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37	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
38	Role of α -Synuclein penetration into the membrane in the mechanisms of oligomer pore formation. <i>FEBS Journal</i> , 2012, 279, 1000-1013.	2.2	146
39	Cell-to-Cell Transmission of α -Synuclein Aggregates. <i>Methods in Molecular Biology</i> , 2012, 849, 347-359.	0.4	45
40	α -Synuclein Sequesters Dnmt1 from the Nucleus. <i>Journal of Biological Chemistry</i> , 2011, 286, 9031-9037.	1.6	258
41	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
42	In vivo demonstration that α -synuclein oligomers are toxic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4194-4199.	3.3	1,252
43	Cell-to-cell transmission of non-prion protein aggregates. <i>Nature Reviews Neurology</i> , 2010, 6, 702-706.	4.9	269
44	Cerebellar lipid differences between R6/1 transgenic mice and humans with Huntington's disease. <i>Journal of Neurochemistry</i> , 2010, 115, 748-758.	2.1	36
45	Selective Molecular Alterations in the Autophagy Pathway in Patients with Lewy Body Disease and in Models of α -Synucleinopathy. <i>PLoS ONE</i> , 2010, 5, e9313.	1.1	327
46	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
47	Inclusion formation and neuronal cell death through neuron-to-neuron transmission of α -synuclein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13010-13015.	3.3	1,308
48	Dopamine receptor activation promotes adult neurogenesis in an acute Parkinson model. <i>Experimental Neurology</i> , 2009, 219, 543-552.	2.0	133
49	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
50	α -Synuclein Alters Notch-1 Expression and Neurogenesis in Mouse Embryonic Stem Cells and in the Hippocampus of Transgenic Mice. <i>Journal of Neuroscience</i> , 2008, 28, 4250-4260.	1.7	127
51	The HDAC inhibitor 4b ameliorates the disease phenotype and transcriptional abnormalities in Huntington's disease transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15564-15569.	3.3	271
52	Mechanisms of Hybrid Oligomer Formation in the Pathogenesis of Combined Alzheimer's and Parkinson's Diseases. <i>PLoS ONE</i> , 2008, 3, e3135.	1.1	233
53	Glycolipid and ganglioside metabolism imbalances in Huntington's disease. <i>Neurobiology of Disease</i> , 2007, 27, 265-277.	2.1	120
54	Selective deficits in the expression of striatal-enriched mRNAs in Huntington's disease. <i>Journal of Neurochemistry</i> , 2006, 96, 743-757.	2.1	125

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55	Chemotaxis of <i>Silicibacter</i> sp. Strain TM1040 toward Dinoflagellate Products. <i>Applied and Environmental Microbiology</i> , 2004, 70, 4692-4701.	1.4	119