

# Luisa Pinto

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,387  
citations

147801

31  
h-index

155660

55  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress resilience during the coronavirus pandemic. <i>European Neuropsychopharmacology</i> , 2020, 35, 12-16.	0.7	285
2	Radial glial cell heterogeneityâ€”The source of diverse progeny in the CNS. <i>Progress in Neurobiology</i> , 2007, 83, 2-23.	5.7	240
3	The impact of the prolonged COVID-19 pandemic on stress resilience and mental health: A critical review across waves. <i>European Neuropsychopharmacology</i> , 2022, 55, 22-83.	0.7	200
4	Activation of D2 dopamine receptor-expressing neurons in the nucleus accumbens increases motivation. <i>Nature Communications</i> , 2016, 7, 11829.	12.8	164
5	Functional Roles of Astrocyte Calcium Elevations: From Synapses to Behavior. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 427.	3.7	154
6	Sustained remission from depressive-like behavior depends on hippocampal neurogenesis. <i>Translational Psychiatry</i> , 2013, 3, e210-e210.	4.8	124
7	Identification of midbrain floor plate radial gliaâ€”like cells as dopaminergic progenitors. <i>Glia</i> , 2008, 56, 809-820.	4.9	119
8	Stress-induced anhedonia is associated with hypertrophy of medium spiny neurons of the nucleus accumbens. <i>Translational Psychiatry</i> , 2013, 3, e266-e266.	4.8	107
9	AP2Î³ regulates basal progenitor fate in a region- and layer-specific manner in the developing cortex. <i>Nature Neuroscience</i> , 2009, 12, 1229-1237.	14.8	101
10	Secretome of Mesenchymal Progenitors from the Umbilical Cord Acts as Modulator of Neural/Glial Proliferation and Differentiation. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 288-297.	5.6	100
11	The Transcription Factor Pax6 Regulates Survival of Dopaminergic Olfactory Bulb Neurons via Crystallin Î±A. <i>Neuron</i> , 2010, 68, 682-694.	8.1	98
12	Astrocyte pathology in the prefrontal cortex impairs the cognitive function of rats. <i>Molecular Psychiatry</i> , 2014, 19, 834-841.	7.9	98
13	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. <i>Scientific Reports</i> , 2016, 6, 27791.	3.3	98
14	Ventral midbrain glia express region-specific transcription factors and regulate dopaminergic neurogenesis through Wnt-5a secretion. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 251-262.	2.2	90
15	Mesenchymal stem cells secretome as a modulator of the neurogenic niche: basic insights and therapeutic opportunities. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 249.	3.7	90
16	Prospective isolation of functionally distinct radial glial subtypesâ€”Lineage and transcriptome analysis. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 15-42.	2.2	87
17	Astrocytic signaling supports hippocampalâ€”prefrontal theta synchronization and cognitive function. <i>Glia</i> , 2017, 65, 1944-1960.	4.9	71
18	Adenosine A2A receptor regulation of microglia morphological remodeling-gender bias in physiology and in a model of chronic anxiety. <i>Molecular Psychiatry</i> , 2017, 22, 1035-1043.	7.9	69

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19	Adult hippocampal neuroplasticity triggers susceptibility to recurrent depression. <i>Translational Psychiatry</i> , 2017, 7, e1058-e1058.	4.8	67
20	The effects of chronic stress on hippocampal adult neurogenesis and dendritic plasticity are reversed by selective MAO-A inhibition. <i>Journal of Psychopharmacology</i> , 2014, 28, 1178-1183.	4.0	57
21	Differential and Converging Molecular Mechanisms of Antidepressants' Action in the Hippocampal Dentate Gyrus. <i>Neuropsychopharmacology</i> , 2015, 40, 338-349.	5.4	57
22	Development and Characterization of a PHB-HV-based 3D Scaffold for a Tissue Engineering and Cell Therapy Combinatorial Approach for Spinal Cord Injury Regeneration. <i>Macromolecular Bioscience</i> , 2013, 13, 1576-1592.	4.1	47
23	Tau-dependent suppression of adult neurogenesis in the stressed hippocampus. <i>Molecular Psychiatry</i> , 2017, 22, 1110-1118.	7.9	47
24	Exploiting the impact of the secretome of MSCs isolated from different tissue sources on neuronal differentiation and axonal growth. <i>Biochimie</i> , 2018, 155, 83-91.	2.6	47
25	The modulation of adult neuroplasticity is involved in the mood-improving actions of atypical antipsychotics in an animal model of depression. <i>Translational Psychiatry</i> , 2017, 7, e1146-e1146.	4.8	46
26	A transcriptomic signature mediated by HOXA9 promotes human glioblastoma initiation, aggressiveness and resistance to temozolomide. <i>Oncotarget</i> , 2015, 6, 7657-7674.	1.8	46
27	Neurotrophin Receptor-Mediated Death of Misspecified Neurons Generated from Embryonic Stem Cells Lacking Pax6. <i>Cell Stem Cell</i> , 2007, 1, 529-540.	11.1	45
28	The Sweet Drive Test: refining phenotypic characterization of anhedonic behavior in rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 74.	2.0	40
29	TET enzymes in neurophysiology and brain function. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 337-344.	6.1	39
30	Chronic stress triggers divergent dendritic alterations in immature neurons of the adult hippocampus, depending on their ultimate terminal fields. <i>Translational Psychiatry</i> , 2019, 9, 143.	4.8	37
31	Tet3 ablation in adult brain neurons increases anxiety-like behavior and regulates cognitive function in mice. <i>Molecular Psychiatry</i> , 2021, 26, 1445-1457.	7.9	37
32	Re-cycling Paradigms: Cell Cycle Regulation in Adult Hippocampal Neurogenesis and Implications for Depression. <i>Molecular Neurobiology</i> , 2013, 48, 84-96.	4.0	36
33	AP2 <sup>3</sup> controls adult hippocampal neurogenesis and modulates cognitive, but not anxiety or depressive-like behavior. <i>Molecular Psychiatry</i> , 2017, 22, 1725-1734.	7.9	35
34	Cell genesis and dendritic plasticity: a neuroplastic pas de deux in the onset and remission from depression. <i>Molecular Psychiatry</i> , 2013, 18, 748-750.	7.9	31
35	Region-specific control of microglia by adenosine A <sub>2A</sub> receptors: uncoupling anxiety and associated cognitive deficits in female rats. <i>Glia</i> , 2019, 67, 182-192.	4.9	29
36	Tet3 regulates cellular identity and DNA methylation in neural progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2871-2883.	5.4	29

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37	Chronic stress targets adult neurogenesis preferentially in the suprapyramidal blade of the rat dorsal dentate gyrus. <i>Brain Structure and Function</i> , 2018, 223, 415-428.	2.3	28
38	Distinct role of nucleus accumbens D2-MSN projections to ventral pallidum in different phases of motivated behavior. <i>Cell Reports</i> , 2022, 38, 110380.	6.4	24
39	Resilience to stress and sex-specific remodeling of microglia and neuronal morphology in a rat model of anxiety and anhedonia. <i>Neurobiology of Stress</i> , 2021, 14, 100302.	4.0	22
40	Glucocorticoid Programming of the Mesopontine Cholinergic System. <i>Frontiers in Endocrinology</i> , 2013, 4, 190.	3.5	20
41	Epigenetic (de)regulation of adult hippocampal neurogenesis: implications for depression. <i>Clinical Epigenetics</i> , 2011, 3, 5.	4.1	19
42	Glial restricted precursor cells in central nervous system disorders: Current applications and future perspectives. <i>Glia</i> , 2021, 69, 513-531.	4.9	19
43	Unilateral Intrastratial 6-Hydroxydopamine Lesion in Mice: A Closer Look into Non-Motor Phenotype and Glial Response. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11530.	4.1	19
44	The Role of Astrocytic Calcium Signaling in the Aged Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 379.	3.7	16
45	Astrocytic plasticity at the dorsal dentate gyrus on an animal model of recurrent depression. <i>Neuroscience</i> , 2021, 454, 94-104.	2.3	15
46	Immuno-Golgi as a Tool for Analyzing Neuronal 3D-Dendritic Structure in Phenotypically Characterized Neurons. <i>PLoS ONE</i> , 2012, 7, e33114.	2.5	12
47	IP <sub>3</sub> R2 null mice display a normal acquisition of somatic and neurological development milestones. <i>European Journal of Neuroscience</i> , 2021, 54, 5673-5686.	2.6	12
48	Hippocampal cytogenesis abrogation impairs inter-regional communication between the hippocampus and prefrontal cortex and promotes the time-dependent manifestation of emotional and cognitive deficits. <i>Molecular Psychiatry</i> , 2021, 26, 7154-7166.	7.9	12
49	Cell transplantation and secretome based approaches in spinal cord injury regenerative medicine. <i>Medicinal Research Reviews</i> , 2022, 42, 850-896.	10.5	11
50	The underestimated sex: A review on female animal models of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104498.	6.1	9
51	Beyond New Neurons in the Adult Hippocampus: Imipramine Acts as a Pro-Astroglial Factor and Rescues Cognitive Impairments Induced by Stress Exposure. <i>Cells</i> , 2022, 11, 390.	4.1	9
52	The Duration of Stress Determines Sex Specificities in the Vulnerability to Depression and in the Morphologic Remodeling of Neurons and Microglia. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 834821.	2.0	8
53	miR-409 and miR-411 Modulation in the Adult Brain of a Rat Model of Depression and After Fluoxetine Treatment. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 136.	2.0	7
54	Adult neurogenic process in the subventricular zone olfactory bulb system is regulated by Tau protein under prolonged stress. <i>Cell Proliferation</i> , 2021, 54, e13027.	5.3	7

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55	Editorial: Glial Plasticity in Depression. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 163.	3.7	6
56	AP2 $\gamma$ : A New Player on Adult Hippocampal Neurogenesis Regulation. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951876689.	2.3	5
57	Generation of an induced pluripotent stem cell line (CSC-41) from a Parkinson's disease patient carrying a p.G2019S mutation in the LRRK2 gene. <i>Stem Cell Research</i> , 2018, 28, 44-47.	0.7	4
58	Generation of an induced pluripotent stem cell line (CSC-46) from a patient with Parkinson's disease carrying a novel p.R301C mutation in the GBA gene. <i>Stem Cell Research</i> , 2019, 34, 101373.	0.7	4
59	Adult brain cytogenesis in the context of mood disorders: From neurogenesis to the emergent role of gliogenesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 411-428.	6.1	4
60	Personality Traits May Influence the Severity of Atopic Dermatitis in Adult Patients: A Pilot Study. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016, 26, 198-199.	1.3	4
61	Tet3 Deletion in Adult Brain Neurons of Female Mice Results in Anxiety-like Behavior and Cognitive Impairments. <i>Molecular Neurobiology</i> , 2022, 59, 4892-4901.	4.0	4
62	Generation of an induced pluripotent stem cell line (CSC-44) from a Parkinson's disease patient carrying a compound heterozygous mutation (c.823C > T and EX6 del) in the PARK2 gene. <i>Stem Cell Research</i> , 2018, 27, 90-94.	0.7	3
63	Laterodorsal tegmentum-ventral tegmental area projections encode positive reinforcement signals. <i>Journal of Neuroscience Research</i> , 2021, 99, 3084-3100.	2.9	3
64	Suppression of adult cytogenesis in the rat brain leads to sex-differentiated disruption of the HPA axis activity. <i>Cell Proliferation</i> , 2022, 55, e13165.	5.3	3
65	Generation of an integration-free induced pluripotent stem cell line (CSC-43) from a patient with sporadic Parkinson's disease. <i>Stem Cell Research</i> , 2018, 27, 82-85.	0.7	2
66	Cell Cycle Regulation of Hippocampal Progenitor Cells in Experimental Models of Depression and after Treatment with Fluoxetine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11798.	4.1	2
67	[P1.77]: Identification and function of a novel nuclear protein in neurogenesis. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 680-681.	1.6	1
68	Chronic stress targets adult hippocampal neurogenesis preferentially in the suprapyramidal blade of rat dorsal dentate gyrus. <i>European Neuropsychopharmacology</i> , 2017, 27, S1013-S1014.	0.7	1
69	S.15.06 Cell cycle regulation of the progenitor cells from the adult hippocampal dentate gyrus in depression and by antidepressants. <i>European Neuropsychopharmacology</i> , 2015, 25, S134.	0.7	0
70	[P4-101]: TAU-DEPENDENT SUPPRESSION OF ADULT NEUROGENESIS IN THE STRESSED HIPPOCAMPUS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1297.	0.8	0
71	AP2 $\gamma$ transcription factor as a modulator of hippocampal neurogenesis in an animal model of depression. <i>European Neuropsychopharmacology</i> , 2017, 27, S539.	0.7	0
72	Reduced hippocampal ten-eleven translocation 3 (Tet3) protein expression in Tet3 conditional knockout mice. <i>Molecular Psychiatry</i> , 2021, 26, 1425-1425.	7.9	0

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73	Innovative, integrative, and interactive in-class activity on metabolic regulation: Evaluating educational impacts. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 870-881.	1.2	0
74	CSF circulation regulates depression: do not disturb the flow!. <i>Molecular Psychiatry</i> , 2021, 26, 7072-7073.	7.9	0
75	Glial Cells as the Source of Neurons and Glia in the Developing and Adult CNS. <i>Journal of Medical Sciences</i> , 2008, 1, 114-128.	0.2	0