

# Liliana Bernardino

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

3,778  
citations

136740

32  
h-index

128067

60  
g-index

68  
all docs

68  
docs citations

68  
times ranked

6562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-mediated brain drug delivery: Overcoming blood-brain barrier to treat neurodegenerative diseases. <i>Journal of Controlled Release</i> , 2016, 235, 34-47.	4.8	1,018
2	Modulator Effects of Interleukin-1 $\alpha$ and Tumor Necrosis Factor- $\alpha$ on AMPA-Induced Excitotoxicity in Mouse Organotypic Hippocampal Slice Cultures. <i>Journal of Neuroscience</i> , 2005, 25, 6734-6744.	1.7	204
3	Tumor Necrosis Factor- $\alpha$ Modulates Survival, Proliferation, and Neuronal Differentiation in Neonatal Subventricular Zone Cell Cultures. <i>Stem Cells</i> , 2008, 26, 2361-2371.	1.4	198
4	Inactivation of Caspase-1 in Rodent Brain: A Novel Anticonvulsive Strategy. <i>Epilepsia</i> , 2006, 47, 1160-1168.	2.6	159
5	MicroRNA-124 loaded nanoparticles enhance brain repair in Parkinson's disease. <i>Journal of Controlled Release</i> , 2016, 235, 291-305.	4.8	144
6	Histamine modulates microglia function. <i>Journal of Neuroinflammation</i> , 2012, 9, 90.	3.1	95
7	Neuropeptide Y Promotes Neurogenesis in Murine Subventricular Zone. <i>Stem Cells</i> , 2008, 26, 1636-1645.	1.4	88
8	Controlling the Neuronal Differentiation of Stem Cells by the Intracellular Delivery of Retinoic Acid-Loaded Nanoparticles. <i>ACS Nano</i> , 2011, 5, 97-106.	7.3	87
9	Polymeric Nanoparticles to Control the Differentiation of Neural Stem Cells in the Subventricular Zone of the Brain. <i>ACS Nano</i> , 2012, 6, 10463-10474.	7.3	85
10	Inflammatory events in hippocampal slice cultures prime neuronal susceptibility to excitotoxic injury: a crucial role of P2X <sub>7</sub> receptor-mediated IL-1 $\beta$ release. <i>Journal of Neurochemistry</i> , 2008, 106, 271-280.	2.1	78
11	Histamine induces microglia activation and dopaminergic neuronal toxicity via H1 receptor activation. <i>Journal of Neuroinflammation</i> , 2016, 13, 137.	3.1	76
12	Neuropeptide Y inhibits interleukin-1 $\beta$ -induced phagocytosis by microglial cells. <i>Journal of Neuroinflammation</i> , 2011, 8, 169.	3.1	74
13	Histamine: a new immunomodulatory player in the neuron-glia crosstalk. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 120.	1.8	68
14	Activation of Type 1 Cannabinoid Receptor (CB1R) Promotes Neurogenesis in Murine Subventricular Zone Cell Cultures. <i>PLoS ONE</i> , 2013, 8, e63529.	1.1	67
15	Retinoic acid-loaded polymeric nanoparticles induce neuroprotection in a mouse model for Parkinson's disease. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 20.	1.7	67
16	Advances and challenges in retinoid delivery systems in regenerative and therapeutic medicine. <i>Nature Communications</i> , 2020, 11, 4265.	5.8	65
17	The Angiogenic Factor Angiopoietin-1 Is a Proneurogenic Peptide on Subventricular Zone Stem/Progenitor Cells. <i>Journal of Neuroscience</i> , 2010, 30, 4573-4584.	1.7	62
18	MicroRNA: Basic concepts and implications for regeneration and repair of neurodegenerative diseases. <i>Biochemical Pharmacology</i> , 2017, 141, 118-131.	2.0	55

#	ARTICLE	IF	CITATIONS
19	Impact of Neuroinflammation on Hippocampal Neurogenesis: Relevance to Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S161-S168.	1.2	54
20	Interaction between neuropeptide Y (NPY) and brain-derived neurotrophic factor in NPY-mediated neuroprotection against excitotoxicity: a role for microglia. <i>European Journal of Neuroscience</i> , 2008, 27, 2089-2102.	1.2	50
21	Oligodendrogenesis from neural stem cells: Perspectives for remyelinating strategies. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 692-700.	0.7	48
22	Histamine Stimulates Neurogenesis in the Rodent Subventricular Zone. <i>Stem Cells</i> , 2012, 30, 773-784.	1.4	46
23	Response to Histamine Allows the Functional Identification of Neuronal Progenitors, Neurons, Astrocytes, and Immature Cells in Subventricular Zone Cell Cultures. <i>Rejuvenation Research</i> , 2008, 11, 187-200.	0.9	45
24	Inflammation and Neurogenesis in Temporal Lobe Epilepsy. <i>CNS and Neurological Disorders</i> , 2005, 4, 349-360.	4.3	44
25	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. <i>Molecular Psychiatry</i> , 2018, 23, 1031-1039.	4.1	44
26	Gold nanostructures: synthesis, properties, and neurological applications. <i>Chemical Society Reviews</i> , 2022, 51, 2601-2680.	18.7	43
27	Neuropeptide Y promotes neurogenesis and protection against methamphetamine-induced toxicity in mouse dentate gyrus-derived neurosphere cultures. <i>Neuropharmacology</i> , 2012, 62, 2413-2423.	2.0	42
28	Cellular response of the blood-brain barrier to injury: Potential biomarkers and therapeutic targets for brain regeneration. <i>Neurobiology of Disease</i> , 2016, 91, 262-273.	2.1	41
29	Anti-Inflammatory Strategy for M2 Microglial Polarization Using Retinoic Acid-Loaded Nanoparticles. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	1.4	41
30	Retinoic acid-loaded polymeric nanoparticles enhance vascular regulation of neural stem cell survival and differentiation after ischaemia. <i>Nanoscale</i> , 2016, 8, 8126-8137.	2.8	39
31	Dual role of histamine on microglia-induced neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 764-769.	1.8	38
32	Synthetic microparticles conjugated with VEGF165 improve the survival of endothelial progenitor cells via microRNA-17 inhibition. <i>Nature Communications</i> , 2017, 8, 747.	5.8	35
33	MicroRNA-124-loaded nanoparticles increase survival and neuronal differentiation of neural stem cells in vitro but do not contribute to stroke outcome in vivo. <i>PLoS ONE</i> , 2018, 13, e0193609.	1.1	31
34	A nanoformulation for the preferential accumulation in adult neurogenic niches. <i>Journal of Controlled Release</i> , 2018, 284, 57-72.	4.8	30
35	Nanomedicine Approaches to Modulate Neural Stem Cells in Brain Repair. <i>Trends in Biotechnology</i> , 2016, 34, 437-439.	4.9	28
36	MicroRNA-124-3p-enriched small extracellular vesicles as a therapeutic approach for Parkinson's disease. <i>Molecular Therapy</i> , 2022, 30, 3176-3192.	3.7	27

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37	Nanomedicine boosts neurogenesis: new strategies for brain repair. Integrative Biology (United Kingdom), 2016, 8, 1-14.	0.6	26
38	Histamine modulates hippocampal inflammation and neurogenesis in adult mice. Scientific Reports, 2019, 9, 8384.	1.6	26
39	Blue light potentiates neurogenesis induced by retinoic acid-loaded responsive nanoparticles. Acta Biomaterialia, 2017, 59, 293-302.	4.1	24
40	Traceable microRNA-124 loaded nanoparticles as a new promising therapeutic tool for Parkinson's disease. Neurogenesis (Austin, Tex ), 2016, 3, e1256855.	1.5	23
41	Modulation of subventricular zone oligodendrogenesis: a role for hemopressin?. Frontiers in Cellular Neuroscience, 2014, 8, 59.	1.8	22
42	Microglia in Health and Disease: A Double-Edged Sword. Mediators of Inflammation, 2017, 2017, 1-2.	1.4	22
43	Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm. European Journal of Neuroscience, 2020, 52, 3242-3255.	1.2	20
44	Galanin Promotes Neuronal Differentiation in Murine Subventricular Zone Cell Cultures. Stem Cells and Development, 2013, 22, 1693-1708.	1.1	19
45	Determination of catecholamines and endogenous related compounds in rat brain tissue exploring their native fluorescence and liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1049-1050, 51-59.	1.2	19
46	New insights into the role of histamine in subventricular zone-olfactory bulb neurogenesis. Frontiers in Neuroscience, 2014, 8, 142.	1.4	18
47	Dual role of microglia in health and disease: pushing the balance toward repair. Frontiers in Cellular Neuroscience, 2015, 9, 51.	1.8	16
48	Intravenous administration of retinoic acid-loaded polymeric nanoparticles prevents ischemic injury in the immature brain. Neuroscience Letters, 2018, 673, 116-121.	1.0	16
49	New insights into the regulatory roles of microRNAs in adult neurogenesis. Current Opinion in Pharmacology, 2020, 50, 38-45.	1.7	16
50	Functional Identification of Neural Stem Cell-Derived Oligodendrocytes by Means of Calcium Transients Elicited by Thrombin. Rejuvenation Research, 2010, 13, 27-37.	0.9	15
51	Heterocellular Contacts with Mouse Brain Endothelial Cells Via Laminin and $\alpha 6 \beta 1$ Integrin Sustain Subventricular Zone (SVZ) Stem/Progenitor Cells Properties. Frontiers in Cellular Neuroscience, 2016, 10, 284.	1.8	15
52	Combined neuroprotective action of adenosine A1 and cannabinoid CB1 receptors against NMDA-induced excitotoxicity in the hippocampus. Neurochemistry International, 2015, 87, 106-109.	1.9	14
53	Functional Evaluation of Neural Stem Cell Differentiation by Single Cell Calcium Imaging. Current Stem Cell Research and Therapy, 2011, 6, 288-296.	0.6	9
54	Vascular interregulation of inflammation: molecular and cellular targets for CNS therapy. Journal of Neurochemistry, 2017, 140, 692-702.	2.1	9

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55	Argonaute-2 protects the neurovascular unit from damage caused by systemic inflammation. <i>Journal of Neuroinflammation</i> , 2022, 19, 11.	3.1	7
56	Challenging the great vascular wall: Can we envision a simple yet comprehensive therapy for stroke?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e350-e354.	1.3	6
57	Functional Identification of Neural Stem Cell-Derived Oligodendrocytes. <i>Methods in Molecular Biology</i> , 2012, 879, 165-178.	0.4	4
58	Histamine in the Crosstalk Between Innate Immune Cells and Neurons: Relevance for Brain Homeostasis and Disease. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , 261-288.	0.8	4
59	Subventricular Zone Cells as a Tool for Brain Repair. , 2007, , 81-108.		3
60	Editorial: Dual Role of Microglia in Health and Disease: Pushing the Balance Towards Repair. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 259.	1.8	2
61	Histamine in the Neural and Cancer Stem Cell Niches. <i>Stem Cells and Cancer Stem Cells</i> , 2014, , 3-17.	0.1	2
62	Novel Role of Neuropeptide Y in the Modulation of Microglia Activity. <i>Advances in Neuroimmune Biology</i> , 2013, 4, 167-176.	0.7	1
63	Neural Stem Cell-Based Therapeutic Approaches for Brain Repair. , 2019, , 241-252.		1
64	Nanotechnology for intracellular delivery and targeting. , 2020, , 683-696.		1
65	C-Terminal Binding Proteins Promote Neurogenesis and Oligodendrogenesis in the Subventricular Zone. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 584220.	1.8	1
66	Histaminergic Regulation of Bloodâ€‘Brain Barrier Activity. <i>Receptors</i> , 2016, , 215-230.	0.2	1
67	Absolute Threshold. , 2008, , 3-3.		0
68	Inflammation and Neuronal Susceptibility to Excitotoxic Cell Death. , 2007, , 3-35.		0