

# Nicoletta Berardi

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

5,349  
citations

279701

23  
h-index

414303

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

6664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivation of Ocular Dominance Plasticity in the Adult Visual Cortex. <i>Science</i> , 2002, 298, 1248-1251.	6.0	1,441
2	Brain-derived neurotrophic factor (BDNF) is required for the enhancement of hippocampal neurogenesis following environmental enrichment. <i>European Journal of Neuroscience</i> , 2006, 24, 1850-1856.	1.2	523
3	Critical periods during sensory development. <i>Current Opinion in Neurobiology</i> , 2000, 10, 138-145.	2.0	438
4	Environment and Brain Plasticity: Towards an Endogenous Pharmacotherapy. <i>Physiological Reviews</i> , 2014, 94, 189-234.	13.1	340
5	Environmental enrichment strengthens corticocortical interactions and reduces amyloid- $\beta$ oligomers in aged mice. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 1.	1.7	331
6	Structural and functional recovery from early monocular deprivation in adult rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8517-8522.	3.3	321
7	Enrich the environment to empower the brain. <i>Trends in Neurosciences</i> , 2009, 32, 233-239.	4.2	294
8	Intranasal administration of nerve growth factor (NGF) rescues recognition memory deficits in AD11 anti-NGF transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3811-3816.	3.3	279
9	Phenotypic Knockout of Nerve Growth Factor in Adult Transgenic Mice Reveals Severe Deficits in Basal Forebrain Cholinergic Neurons, Cell Death in the Spleen, and Skeletal Muscle Dystrophy. <i>Journal of Neuroscience</i> , 2000, 20, 2589-2601.	1.7	206
10	Massage Accelerates Brain Development and the Maturation of Visual Function. <i>Journal of Neuroscience</i> , 2009, 29, 6042-6051.	1.7	198
11	Enriched environment and acceleration of visual system development. <i>Neuropharmacology</i> , 2004, 47, 649-660.	2.0	144
12	Enriched experience and recovery from amblyopia in adult rats: Impact of motor, social and sensory components. <i>Neuropharmacology</i> , 2012, 62, 2388-2397.	2.0	107
13	Environmental Enrichment Delays the Onset of Memory Deficits and Reduces Neuropathological Hallmarks in a Mouse Model of Alzheimer-Like Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2007, 11, 359-370.	1.2	100
14	Plasticity in the adult brain: lessons from the visual system. <i>Experimental Brain Research</i> , 2009, 192, 335-341.	0.7	95
15	Peri-Synaptic Glia Recycles Brain-Derived Neurotrophic Factor for LTP Stabilization and Memory Retention. <i>Neuron</i> , 2016, 92, 873-887.	3.8	78
16	Environmental Enrichment Effects on Development of Retinal Ganglion Cell Dendritic Stratification Require Retinal BDNF. <i>PLoS ONE</i> , 2007, 2, e346.	1.1	61
17	Setting the Pace for Retinal Development: Environmental Enrichment Acts Through Insulin-Like Growth Factor 1 and Brain-Derived Neurotrophic Factor. <i>Journal of Neuroscience</i> , 2009, 29, 10809-10819.	1.7	52
18	Brain structural and functional development: genetics and experience. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 4-9.	1.1	45

#	ARTICLE	IF	CITATIONS
19	System Consolidation of Spatial Memories in Mice: Effects of Enriched Environment. <i>Neural Plasticity</i> , 2013, 2013, 1-12.	1.0	35
20	Treatment of amblyopia in the adult: insights from a new rodent model of visual perceptual learning. <i>Frontiers in Neural Circuits</i> , 2014, 8, 82.	1.4	33
21	Neutralization of Nerve Growth Factor Impairs Proliferation and Differentiation of Adult Neural Progenitors in the Subventricular Zone. <i>Stem Cells</i> , 2014, 32, 2516-2528.	1.4	30
22	Early IGF-1 primes visual cortex maturation and accelerates developmental switch between NKCC1 and KCC2 chloride transporters in enriched animals. <i>Neuropharmacology</i> , 2017, 113, 167-177.	2.0	29
23	Early impoverished environment delays the maturation of cerebral cortex. <i>Scientific Reports</i> , 2018, 8, 1187.	1.6	27
24	Intranasal delivery of BDNF rescues memory deficits in AD11 mice and reduces brain microgliosis. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1223-1238.	1.4	23
25	Hippocampal Dysregulation of Neurofibromin-Dependent Pathways Is Associated with Impaired Spatial Learning in Engrailed 2 Knock-Out Mice. <i>Journal of Neuroscience</i> , 2014, 34, 13281-13288.	1.7	22
26	Enriched environment effects on remote object recognition memory. <i>Neuroscience</i> , 2017, 352, 296-305.	1.1	21
27	From Basic Visual Science to Neurodevelopmental Disorders: The Voyage of Environmental Enrichment-Like Stimulation. <i>Neural Plasticity</i> , 2019, 2019, 1-9.	1.0	17
28	Effects of combined training on neuropsychiatric symptoms and quality of life in patients with cognitive decline. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1249-1257.	1.4	15
29	Environmental Enrichment Induces Changes in Long-Term Memory for Social Transmission of Food Preference in Aged Mice through a Mechanism Associated with Epigenetic Processes. <i>Neural Plasticity</i> , 2018, 2018, 1-12.	1.0	13
30	Active training for amblyopia in adult rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 281.	1.0	10
31	Reduced ccl11/eotaxin mediates the beneficial effects of environmental stimulation on the aged hippocampus. <i>Brain, Behavior, and Immunity</i> , 2021, 98, 234-244.	2.0	9
32	Astrocytic microdomains from mouse cortex gain molecular control over long-term information storage and memory retention. <i>Communications Biology</i> , 2021, 4, 1152.	2.0	9
33	Environmental Influences on Visual Cortex Development and Plasticity. , 2012, , .		1