Alexandre E Medina

List of Publications by Year
in descending order

40 papers	1,299 citations	489802 18 h-index	406436 35 g-index
43 all docs	43 docs citations	43 times ranked	1977 citing authors

#	Article	IF	Citations
1	Alterations in motor functional connectivity in Neonatal Hypoxic Ischemic Encephalopathy. Brain Injury, 2022, 36, 287-294.	0.6	2
2	Heavy metals from donor blood and breast milk products in the NICU. Pediatric Research, 2021, , .	1.1	1
3	Vinpocetine, cognition, and epilepsy. Epilepsy and Behavior, 2021, 119, 107988.	0.9	9
4	Phosphorylation of CREB at Serine 142 and 143 Is Essential for Visual Cortex Plasticity. ENeuro, 2021, 8, ENEURO.0217-21.2021.	0.9	5
5	Mercury, lead, and cadmium exposure via red blood cell transfusions in preterm infants. Pediatric Research, 2020, 87, 677-682.	1.1	9
6	The potential effects of NICU environment and multisensory stimulation in prematurity. Pediatric Research, 2020, 88, 161-162.	1.1	18
7	Effect of Postmortem Interval and Years in Storage on RNA Quality of Tissue at a Repository of the NIH NeuroBioBank. Biopreservation and Biobanking, 2018, 16, 148-157.	0.5	51
8	Effects of Early Alcohol Exposure on Functional Organization and Microstructure of a Visualâ€Tactile Integrative Circuit. Alcoholism: Clinical and Experimental Research, 2018, 42, 727-734.	1.4	9
9	The Role of CREB, SRF, and MEF2 in Activity-Dependent Neuronal Plasticity in the Visual Cortex. Journal of Neuroscience, 2017, 37, 6628-6637.	1.7	18
10	Structural and Functional Integrity of the Intraparietal Sulcus in Moderate and Severe Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 1473-1481.	1.7	12
11	Cortical multisensory connectivity is present near birth in humans. Brain Imaging and Behavior, 2017, 11, 1207-1213.	1.1	16
12	Effects of developmental alcohol and valproic acid exposure on play behavior of ferrets. International Journal of Developmental Neuroscience, 2016, 52, 75-81.	0.7	8
13	Developmental alcohol exposure leads to a persistent change on astrocyte secretome. Journal of Neurochemistry, 2016, 137, 730-743.	2.1	22
14	Astrocytes Assemble Thalamocortical Synapses by Bridging NRX1Î± and NL1 via Hevin. Cell, 2016, 164, 183-196.	13.5	233
15	Overexpression of Serum Response Factor in Neurons Restores Ocular Dominance Plasticity in a Model of Fetal Alcohol Spectrum Disorders. Alcoholism: Clinical and Experimental Research, 2015, 39, 1951-1956.	1.4	6
16	Effects of Developmental Alcohol Exposure on Potentiation and Depression of Visual Cortex Responses. Alcoholism: Clinical and Experimental Research, 2015, 39, 1434-1442.	1.4	10
17	Hyperactivity and depression-like traits in Bax KO mice. Brain Research, 2015, 1625, 246-254.	1.1	6
18	Sodium valproate exposure during the brain growth spurt transiently impairs spatial learning in prepubertal rats. Pharmacology Biochemistry and Behavior, 2013, 103, 684-691.	1.3	9

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19	Synaptic Dysfunction in the Hippocampus Accompanies Learning and Memory Deficits in Human Immunodeficiency Virus Type-1 Tat Transgenic Mice. Biological Psychiatry, 2013, 73, 443-453.	0.7	146
20	Early alcohol exposure disrupts visual cortex plasticity in mice. International Journal of Developmental Neuroscience, 2012, 30, 351-357.	0.7	15
21	Fetal Alcohol Spectrum Disorders and Abnormal Neuronal Plasticity. Neuroscientist, 2011, 17, 274-287.	2.6	62
22	Early valproic acid exposure alters functional organization in the primary visual cortex. Experimental Neurology, 2011, 228, 138-148.	2.0	11
23	Therapeutic Utility of Phosphodiesterase Type I Inhibitors in Neurological Conditions. Frontiers in Neuroscience, 2011, 5, 21.	1.4	63
24	Phosphodiesterase Type 4 Inhibition Does Not Restore Ocular Dominance Plasticity in a Ferret Model of Fetal Alcohol Spectrum Disorders. Alcoholism: Clinical and Experimental Research, 2010, 34, 493-498.	1.4	5
25	Overexpression of Serum Response Factor Restores Ocular Dominance Plasticity in a Model of Fetal Alcohol Spectrum Disorders. Journal of Neuroscience, 2010, 30, 2513-2520.	1.7	27
26	Activation of NMDA Receptors Is Necessary for the Recovery of Cortical Binocularity. Journal of Neurophysiology, 2010, 103, 2700-2706.	0.9	8
27	Vinpocetine as a potent antiinflammatory agent. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9921-9922.	3.3	71
28	Phosphodiesterase type 1 inhibition improves learning in rats exposed to alcohol during the third trimester equivalent of human gestation. Neuroscience Letters, 2010, 473, 202-207.	1.0	44
29	Phosphodiesterase Inhibition Increases CREB Phosphorylation and Restores Orientation Selectivity in a Model of Fetal Alcohol Spectrum Disorders. PLoS ONE, 2009, 4, e6643.	1.1	30
30	Neocortical plasticity deficits in fetal alcohol spectrum disorders: Lessons from barrel and visual cortex. Journal of Neuroscience Research, 2008, 86, 256-263.	1.3	27
31	Restoration of Neuronal Plasticity by a Phosphodiesterase Type 1 Inhibitor in a Model of Fetal Alcohol Exposure. Journal of Neuroscience, 2006, 26, 1057-1060.	1.7	59
32	Early alcohol exposure impairs ocular dominance plasticity throughout the critical period. Developmental Brain Research, 2005, 157, 107-111.	2.1	22
33	Early Alcohol Exposure Induces Persistent Alteration of Cortical Columnar Organization and Reduced Orientation Selectivity in the Visual Cortex. Journal of Neurophysiology, 2005, 93, 1317-1325.	0.9	46
34	Protein Synthesis-Independent Plasticity Mediates Rapid and Precise Recovery of Deprived Eye Responses. Neuron, 2005, 48, 329-343.	3.8	32
35	Recovery of Cortical Binocularity and Orientation Selectivity After the Critical Period for Ocular Dominance Plasticity. Journal of Neurophysiology, 2004, 92, 2113-2121.	0.9	64
36	Neonatal Alcohol Exposure Induces Long-Lasting Impairment of Visual Cortical Plasticity in Ferrets. Journal of Neuroscience, 2003, 23, 10002-10012.	1.7	47

#	Article	IF	Citations
37	Sex differences in the incidence of total callosal agenesis in BALB/cCF mice. Neuroscience Letters, 2002, 325, 159-162.	1.0	10
38	The effects of callosal agenesis on the susceptibility to seizures elicited by pentylenetetrazol in BALB/cCF mice. Pharmacology Biochemistry and Behavior, 2002, 71, 97-102.	1.3	7
39	Do NMDA Receptor Kinetics Regulate the End of Critical Periods of Plasticity?. Neuron, 2001, 32, 553-555.	3.8	16
40	Sex differences in sensitivity to seizures elicited by pentylenetetrazol in mice. Pharmacology Biochemistry and Behavior, 2001, 68, 591-596.	1.3	41