

# Lorenzo Diaz-Mataix

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,840  
citations

361045

20  
h-index

580395

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of 5-HT1A Receptors in Prefrontal Cortex in the Modulation of Dopaminergic Activity: Role in Atypical Antipsychotic Action. <i>Journal of Neuroscience</i> , 2005, 25, 10831-10843.	1.7	271
2	The activation of 5-HT2A receptors in prefrontal cortex enhances dopaminergic activity. <i>Journal of Neurochemistry</i> , 2005, 95, 1597-1607.	2.1	195
3	In Vivo Modulation of the Activity of Pyramidal Neurons in the Rat Medial Prefrontal Cortex by 5-HT2A Receptors: Relationship to Thalamocortical Afferents. <i>Cerebral Cortex</i> , 2003, 13, 870-882.	1.6	185
4	Hebbian and neuromodulatory mechanisms interact to trigger associative memory formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5584-92.	3.3	170
5	Detection of a Temporal Error Triggers Reconsolidation of Amygdala-Dependent Memories. <i>Current Biology</i> , 2013, 23, 467-472.	1.8	140
6	Dissociable Roles for the Ventromedial Prefrontal Cortex and Amygdala in Fear Extinction: NR2B Contribution. <i>Cerebral Cortex</i> , 2009, 19, 474-482.	1.6	139
7	The Hallucinogen DOI Reduces Low-Frequency Oscillations in Rat Prefrontal Cortex: Reversal by Antipsychotic Drugs. <i>Biological Psychiatry</i> , 2008, 64, 392-400.	0.7	111
8	In vivo actions of aripiprazole on serotonergic and dopaminergic systems in rodent brain. <i>Psychopharmacology</i> , 2007, 191, 745-758.	1.5	90
9	The amygdala encodes specific sensory features of an aversive reinforcer. <i>Nature Neuroscience</i> , 2010, 13, 536-537.	7.1	84
10	Dopamine release induced by atypical antipsychotics in prefrontal cortex requires 5-HT1A receptors but not 5-HT2A receptors. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1299-1314.	1.0	67
11	Sensory-Specific Associations Stored in the Lateral Amygdala Allow for Selective Alteration of Fear Memories. <i>Journal of Neuroscience</i> , 2011, 31, 9538-9543.	1.7	59
12	In vivo modulation of 5-hydroxytryptamine release in mouse prefrontal cortex by local 5-HT2A receptors: effect of antipsychotic drugs. <i>European Journal of Neuroscience</i> , 2003, 18, 1235-1246.	1.2	57
13	Modulation of Serotonergic Function in Rat Brain by VN2222, a Serotonin Reuptake Inhibitor and 5-HT1A Receptor Agonist. <i>Neuropsychopharmacology</i> , 2003, 28, 445-456.	2.8	36
14	Activation of pyramidal cells in rat medial prefrontal cortex projecting to ventral tegmental area by a 5-HT1A receptor agonist. <i>European Neuropsychopharmacology</i> , 2006, 16, 288-296.	0.3	36
15	The amygdala: A potential player in timing CS-US intervals. <i>Behavioural Processes</i> , 2014, 101, 112-122.	0.5	35
16	Updating temporal expectancy of an aversive event engages striatal plasticity under amygdala control. <i>Nature Communications</i> , 2017, 8, 13920.	5.8	35
17	The Neural Foundations of Reaction and Action in Aversive Motivation. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 27, 171-195.	0.8	26
18	The selectivity of aversive memory reconsolidation and extinction processes depends on the initial encoding of the Pavlovian association. <i>Learning and Memory</i> , 2013, 20, 695-699.	0.5	25

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19	Evaluation of ambiguous associations in the amygdala by learning the structure of the environment. <i>Nature Neuroscience</i> , 2016, 19, 965-972.	7.1	25
20	Characterization of the amplificatory effect of norepinephrine in the acquisition of Pavlovian threat associations. <i>Learning and Memory</i> , 2017, 24, 432-439.	0.5	21
21	Beyond Freezing: Temporal Expectancy of an Aversive Event Engages the Amygdala-Prefrontal-Dorsostriatal Network. <i>Cerebral Cortex</i> , 2020, 30, 5257-5269.	1.6	11
22	Updating of aversive memories after temporal error detection is differentially modulated by mTOR across development. <i>Learning and Memory</i> , 2017, 24, 115-122.	0.5	9
23	Manipulating Human Memory Through Reconsolidation: Stones Left Unturned. <i>AJOB Neuroscience</i> , 2016, 7, 244-247.	0.6	6
24	Observation of others'™ threat reactions recovers memories previously shaped by firsthand experiences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
25	The antidepressant agomelatine reduces fear long term memory but not acquisition or short term expression of fear memories. <i>European Psychiatry</i> , 2011, 26, 653-653.	0.1	1
26	Interval Timing in Aversive Conditioning: Neural Correlates in Amygdala and Related Networks in Rats. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 257-258.	0.5	0