

Alicia Izquierdo

List of Publications by Year in descending order

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51
papers

4,543
citations

218592

26
h-index

197736

49
g-index

67
all docs

67
docs citations

67
times ranked

4712
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilateral Orbital Prefrontal Cortex Lesions in Rhesus Monkeys Disrupt Choices Guided by Both Reward Value and Reward Contingency. <i>Journal of Neuroscience</i> , 2004, 24, 7540-7548.	1.7	534
2	The neural basis of reversal learning: An updated perspective. <i>Neuroscience</i> , 2017, 345, 12-26.	1.1	435
3	Brief Uncontrollable Stress Causes Dendritic Retraction in Infralimbic Cortex and Resistance to Fear Extinction in Mice. <i>Journal of Neuroscience</i> , 2006, 26, 5733-5738.	1.7	406
4	Impaired Stress-Coping and Fear Extinction and Abnormal Corticolimbic Morphology in Serotonin Transporter Knock-Out Mice. <i>Journal of Neuroscience</i> , 2007, 27, 684-691.	1.7	333
5	Reversal learning as a measure of impulsive and compulsive behavior in addictions. <i>Psychopharmacology</i> , 2012, 219, 607-620.	1.5	257
6	The basolateral amygdala in reward learning and addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 271-283.	2.9	239
7	Functional Heterogeneity within Rat Orbitofrontal Cortex in Reward Learning and Decision Making. <i>Journal of Neuroscience</i> , 2017, 37, 10529-10540.	1.7	213
8	Comparison of the Effects of Bilateral Orbital Prefrontal Cortex Lesions and Amygdala Lesions on Emotional Responses in Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2005, 25, 8534-8542.	1.7	178
9	Pharmacological or Genetic Inactivation of the Serotonin Transporter Improves Reversal Learning in Mice. <i>Cerebral Cortex</i> , 2010, 20, 1955-1963.	1.6	167
10	Adaptive learning under expected and unexpected uncertainty. <i>Nature Reviews Neuroscience</i> , 2019, 20, 635-644.	4.9	162
11	Combined Unilateral Lesions of the Amygdala and Orbital Prefrontal Cortex Impair Affective Processing in Rhesus Monkeys. <i>Journal of Neurophysiology</i> , 2004, 91, 2023-2039.	0.9	147
12	Orbitofrontal Cortex and Amygdala Contributions to Affect and Action in Primates. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 273-296.	1.8	135
13	Genetic and dopaminergic modulation of reversal learning in a touchscreen-based operant procedure for mice. <i>Behavioural Brain Research</i> , 2006, 171, 181-188.	1.2	116
14	Selective Bilateral Amygdala Lesions in Rhesus Monkeys Fail to Disrupt Object Reversal Learning. <i>Journal of Neuroscience</i> , 2007, 27, 1054-1062.	1.7	108
15	Reversal-Specific Learning Impairments After a Binge Regimen of Methamphetamine in Rats: Possible Involvement of Striatal Dopamine. <i>Neuropsychopharmacology</i> , 2010, 35, 505-514.	2.8	90
16	Opposing effects of amygdala and orbital prefrontal cortex lesions on the extinction of instrumental responding in macaque monkeys. <i>European Journal of Neuroscience</i> , 2005, 22, 2341-2346.	1.2	89
17	Do GluA1 knockout mice exhibit behavioral abnormalities relevant to the negative or cognitive symptoms of schizophrenia and schizoaffective disorder?. <i>Neuropharmacology</i> , 2012, 62, 1263-1272.	2.0	74
18	Functional Interaction of Medial Mediodorsal Thalamic Nucleus But Not Nucleus Accumbens with Amygdala and Orbital Prefrontal Cortex Is Essential for Adaptive Response Selection after Reinforcer Devaluation. <i>Journal of Neuroscience</i> , 2010, 30, 661-669.	1.7	73

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19	Genetic modulation of cognitive flexibility and socioemotional behavior in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14128-14133.	3.3	70
20	Distinct contributions of the amygdala and hippocampus to fear expression. <i>European Journal of Neuroscience</i> , 2009, 30, 2327-2337.	1.2	60
21	Contributions of anterior cingulate cortex and basolateral amygdala to decision confidence and learning under uncertainty. <i>Nature Communications</i> , 2019, 10, 4704.	5.8	57
22	Basolateral Amygdala Lesions Facilitate Reward Choices after Negative Feedback in Rats. <i>Journal of Neuroscience</i> , 2013, 33, 4105-4109.	1.7	55
23	Chemogenetic Modulation and Single-Photon Calcium Imaging in Anterior Cingulate Cortex Reveal a Mechanism for Effort-Based Decisions. <i>Journal of Neuroscience</i> , 2020, 40, 5628-5643.	1.7	46
24	Impaired reward learning and intact motivation after serotonin depletion in rats. <i>Behavioural Brain Research</i> , 2012, 233, 494-499.	1.2	44
25	Anterior cingulate cortex supports effort allocation towards a qualitatively preferred option. <i>European Journal of Neuroscience</i> , 2017, 46, 1682-1688.	1.2	40
26	Complementary contributions of basolateral amygdala and orbitofrontal cortex to value learning under uncertainty. <i>ELife</i> , 2017, 6, .	2.8	37
27	Orbitofrontal cortex and basolateral amygdala lesions result in suboptimal and dissociable reward choices on cue-guided effort in rats.. <i>Behavioral Neuroscience</i> , 2011, 125, 350-359.	0.6	30
28	Comparison of single-dose and extended methamphetamine administration on reversal learning in rats. <i>Psychopharmacology</i> , 2012, 224, 459-467.	1.5	27
29	Foraging with the frontal cortex: A cross-species evaluation of reward-guided behavior. <i>Neuropsychopharmacology</i> , 2022, 47, 134-146.	2.8	26
30	Long-term effects of exposure to methamphetamine in adolescent rats. <i>Drug and Alcohol Dependence</i> , 2014, 138, 17-23.	1.6	23
31	Sex differences, learning flexibility, and striatal dopamine D1 and D2 following adolescent drug exposure in rats. <i>Behavioural Brain Research</i> , 2016, 308, 104-114.	1.2	21
32	Sex-dependent effects of chronic intermittent voluntary alcohol consumption on attentional, not motivational, measures during probabilistic learning and reversal. <i>PLoS ONE</i> , 2020, 15, e0234729.	1.1	21
33	Translational opportunities in animal and human models to study alcohol use disorder. <i>Translational Psychiatry</i> , 2021, 11, 496.	2.4	20
34	Basolateral amygdala supports the maintenance of value and effortful choice of a preferred option. <i>European Journal of Neuroscience</i> , 2017, 45, 388-397.	1.2	19
35	Positive and negative feedback learning and associated dopamine and serotonin transporter binding after methamphetamine. <i>Behavioural Brain Research</i> , 2014, 271, 195-202.	1.2	18
36	Reductions in Frontocortical Cytokine Levels are Associated with Long-Lasting Alterations in Reward Valuation after Methamphetamine. <i>Neuropsychopharmacology</i> , 2015, 40, 1234-1242.	2.8	18

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37	Methamphetamine blocks exercise effects on Bdnf and Drd2 gene expression in frontal cortex and striatum. <i>Neuropharmacology</i> , 2015, 99, 658-664.	2.0	17
38	Persistent effect of withdrawal from intravenous methamphetamine self-administration on brain activation and behavioral economic indices involving an effort cost. <i>Neuropharmacology</i> , 2018, 140, 130-138.	2.0	17
39	Unique features of stimulus-based probabilistic reversal learning.. <i>Behavioral Neuroscience</i> , 2021, 135, 550-570.	0.6	17
40	Work aversion and associated changes in dopamine and serotonin transporter after methamphetamine exposure in rats. <i>Psychopharmacology</i> , 2012, 219, 411-420.	1.5	15
41	Distinct patterns of outcome valuation and amygdala-prefrontal cortex synaptic remodeling in adolescence and adulthood. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 115.	1.0	14
42	Rodent Models of Adaptive Decision Making. <i>Methods in Molecular Biology</i> , 2012, 829, 85-101.	0.4	13
43	Steep effort discounting of a preferred reward over a freely-available option in prolonged methamphetamine withdrawal in male rats. <i>Psychopharmacology</i> , 2017, 234, 2697-2705.	1.5	13
44	The orbitofrontal cortex in temporal cognition.. <i>Behavioral Neuroscience</i> , 2021, 135, 154-164.	0.6	12
45	Rodent Models of Adaptive Value Learning and Decision-Making. <i>Methods in Molecular Biology</i> , 2019, 2011, 105-119.	0.4	7
46	Post-training depletions of basolateral amygdala serotonin fail to disrupt discrimination, retention, or reversal learning. <i>Frontiers in Neuroscience</i> , 2015, 9, 155.	1.4	6
47	Quantity versus quality: Convergent findings in effort-based choice tasks. <i>Behavioural Processes</i> , 2019, 164, 178-185.	0.5	6
48	Rigid patterns of effortful choice behavior after acute stress in rats. <i>Stress</i> , 2017, 20, 36-45.	0.8	5
49	Hijacking translation in addiction. <i>ELife</i> , 2016, 5, .	2.8	1
50	Touchscreen response technology and the power of stimulus-based approaches in freely behaving animals. <i>Genes, Brain and Behavior</i> , 2021, 20, e12720.	1.1	0
51	Introducing <i>Oxford Open Neuroscience</i> , 2022, 1, .		0