

# Olavo B Amaral

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,089  
citations

394421

19  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Sensitivity to Seizures in Mice Lacking Cellular Prion Protein. <i>Epilepsia</i> , 1999, 40, 1679-1682.	5.1	170
2	Morphological changes in hippocampal astrocytes induced by environmental enrichment in mice. <i>Brain Research</i> , 2009, 1274, 47-54.	2.2	95
3	On the transdiagnostic nature of peripheral biomarkers in major psychiatric disorders: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 97-108.	6.1	85
4	Effects of low-dose d-serine on recognition and working memory in mice. <i>Psychopharmacology</i> , 2011, 218, 461-470.	3.1	79
5	Comparing quality of reporting between preprints and peer-reviewed articles in the biomedical literature. <i>Research Integrity and Peer Review</i> , 2020, 5, 16.	5.2	68
6	A Mismatch-Based Model for Memory Reconsolidation and Extinction in Attractor Networks. <i>PLoS ONE</i> , 2011, 6, e23113.	2.5	54
7	Duration of environmental enrichment influences the magnitude and persistence of its behavioral effects on mice. <i>Physiology and Behavior</i> , 2008, 93, 388-394.	2.1	52
8	On the transition from reconsolidation to extinction of contextual fear memories. <i>Learning and Memory</i> , 2017, 24, 392-399.	1.3	44
9	Altered behavioural response to acute stress in mice lacking cellular prion protein. <i>Behavioural Brain Research</i> , 2005, 162, 173-181.	2.2	43
10	A synaptic reinforcement-based model for transient amnesia following disruptions of memory consolidation and reconsolidation. <i>Hippocampus</i> , 2008, 18, 584-601.	1.9	40
11	Temporary inactivation of the dorsal hippocampus induces a transient impairment in retrieval of aversive memory. <i>Behavioural Brain Research</i> , 2007, 180, 113-118.	2.2	39
12	A simple webcam-based approach for the measurement of rodent locomotion and other behavioural parameters. <i>Journal of Neuroscience Methods</i> , 2006, 157, 91-97.	2.5	36
13	Memory labilization in reconsolidation and extinction – Evidence for a common plasticity system?. <i>Journal of Physiology (Paris)</i> , 2014, 108, 292-306.	2.1	34
14	Effect size and statistical power in the rodent fear conditioning literature – A systematic review. <i>PLoS ONE</i> , 2018, 13, e0196258.	2.5	32
15	Reproducibility: expect less of the scientific paper. <i>Nature</i> , 2021, 597, 329-331.	27.8	28
16	Shifting from fear to safety through deconditioning-update. <i>ELife</i> , 2020, 9, .	6.0	25
17	The Brazilian Reproducibility Initiative. <i>ELife</i> , 2019, 8, .	6.0	24
18	Targeting the NMDA Receptor for Fear-Related Disorders. <i>Recent Patents on CNS Drug Discovery</i> , 2008, 3, 166-178.	0.9	23

#	ARTICLE	IF	CITATIONS
19	Calcineurin inhibition blocks within-, but not between-session fear extinction in mice. <i>Learning and Memory</i> , 2015, 22, 159-169.	1.3	22
20	Chronic in vivo optogenetic stimulation modulates neuronal excitability, spine morphology, and Hebbian plasticity in the mouse hippocampus. <i>Hippocampus</i> , 2019, 29, 755-761.	1.9	22
21	Transient Disruption of Fear-Related Memory by Post-Retrieval Inactivation of Gastrin-Releasing Peptide or N-Methyl-D-Aspartate Receptors in the Hippocampus. <i>Current Neurovascular Research</i> , 2008, 5, 21-27.	1.1	14
22	A phosphodiesterase 4-controlled switch between memory extinction and strengthening in the hippocampus. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 91.	2.0	14
23	All publishers are predatory - some are bigger than others. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1643-1647.	0.8	13
24	Different temporal windows for CB1 receptor involvement in contextual fear memory destabilisation in the amygdala and hippocampus. <i>PLoS ONE</i> , 2019, 14, e0205781.	2.5	12
25	Multifactoriality in Psychiatric Disorders: A Computational Study of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 980-988.	4.3	10
26	A Freely Available, Self-Calibrating Software for Automatic Measurement of Freezing Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 205.	2.0	5
27	Protocol for a systematic review of effect sizes and statistical power in the rodent fear conditioning literature. <i>Evidence-based Preclinical Medicine</i> , 2016, 3, 24-32.	0.9	4
28	Do biomarkers trump behavior?. <i>Nature Medicine</i> , 2007, 13, 237-237.	30.7	1
29	Memory destabilization during reconsolidation: a consequence of homeostatic plasticity?. <i>Learning and Memory</i> , 2021, 28, 371-389.	1.3	0