

Olavo Bohrer Amaral

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,162
citations

257450

24
h-index

233421

45
g-index

80
all docs

80
docs citations

80
times ranked

3794
citing authors

#	ARTICLE	IF	CITATIONS
1	TNF- α Mediates PKR-Dependent Memory Impairment and Brain IRS-1 Inhibition Induced by Alzheimer's β -Amyloid Oligomers in Mice and Monkeys. <i>Cell Metabolism</i> , 2013, 18, 831-843.	16.2	340
2	Increased Sensitivity to Seizures in Mice Lacking Cellular Prion Protein. <i>Epilepsia</i> , 1999, 40, 1679-1682.	5.1	170
3	Behavioral and genoprotective effects of Vaccinium berries intake in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 84, 229-234.	2.9	131
4	Morphological changes in hippocampal astrocytes induced by environmental enrichment in mice. <i>Brain Research</i> , 2009, 1274, 47-54.	2.2	95
5	Detection of higher-order G protein-coupled receptor oligomers by a combined BRET-BiFC technique. <i>FEBS Letters</i> , 2008, 582, 2979-2984.	2.8	89
6	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
7	Effects of low-dose d-serine on recognition and working memory in mice. <i>Psychopharmacology</i> , 2011, 218, 461-470.	3.1	79
8	Rising Publication Delays Inflate Journal Impact Factors. <i>PLoS ONE</i> , 2012, 7, e53374.	2.5	74
9	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
10	Isolated central nervous system histoplasmosis in immunocompetent hosts: A series of 11 cases. <i>Scandinavian Journal of Infectious Diseases</i> , 2006, 38, 43-48.	1.5	62
11	A Mismatch-Based Model for Memory Reconsolidation and Extinction in Attractor Networks. <i>PLoS ONE</i> , 2011, 6, e23113.	2.5	54
12	Dose-dependent impairment of inhibitory avoidance retention in rats by immediate post-training infusion of a mitogen-activated protein kinase kinase inhibitor into cortical structures. <i>Behavioural Brain Research</i> , 1999, 105, 219-223.	2.2	52
13	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
14	On the transition from reconsolidation to extinction of contextual fear memories. <i>Learning and Memory</i> , 2017, 24, 392-399.	1.3	44
15	Altered behavioural response to acute stress in mice lacking cellular prion protein. <i>Behavioural Brain Research</i> , 2005, 162, 173-181.	2.2	43
16	Altered ATP hydrolysis induced by pentylentetrazol kindling in rat brain synaptosomes. <i>Neurochemical Research</i> , 2000, 25, 775-779.	3.3	42
17	Plasma membrane diffusion of g protein-coupled receptor oligomers. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 2262-2268.	4.1	41
18	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

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19	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
20	Dysfunction in the coagulation system and schizophrenia. <i>Translational Psychiatry</i> , 2016, 6, e704-e704.	4.8	38
21	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
22	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
23	Serum S100B in Pregnancy-Related Hypertensive Disorders: A Case–Control Study. <i>Clinical Chemistry</i> , 2004, 50, 435-438.	3.2	33
24	USE AND MISUSE OF BENZODIAZEPINES IN BRAZIL: A REVIEW. <i>Substance Use and Misuse</i> , 2001, 36, 1053-1069.	1.4	32
25	Effect size and statistical power in the rodent fear conditioning literature – A systematic review. <i>PLoS ONE</i> , 2018, 13, e0196258.	2.5	32
26	Reproducibility: expect less of the scientific paper. <i>Nature</i> , 2021, 597, 329-331.	27.8	28
27	Shifting from fear to safety through deconditioning-update. <i>ELife</i> , 2020, 9, .	6.0	25
28	Changes in nucleotide hydrolysis in rat blood serum induced by pentylenetetrazol-kindling. <i>Molecular Brain Research</i> , 2003, 114, 140-145.	2.3	24
29	The Brazilian Reproducibility Initiative. <i>ELife</i> , 2019, 8, .	6.0	24
30	Targeting the NMDA Receptor for Fear-Related Disorders. <i>Recent Patents on CNS Drug Discovery</i> , 2008, 3, 166-178.	0.9	23
31	Calcineurin inhibition blocks within-, but not between-session fear extinction in mice. <i>Learning and Memory</i> , 2015, 22, 159-169.	1.3	22
32	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
33	Age-Dependent Relevance of Endogenous 5-Lipoxygenase Derivatives in Anxiety-Like Behavior in Mice. <i>PLoS ONE</i> , 2014, 9, e85009.	2.5	20
34	Psychiatric Disorders as Social Constructs: ADHD as a Case in Point. <i>American Journal of Psychiatry</i> , 2007, 164, 1612-1612.	7.2	19
35	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
36	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

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37	MAPK and memory. Trends in Neurosciences, 1999, 22, 495.	8.6	13
38	Using collaboration networks to identify authorship dependence in meta-analysis results. Research Synthesis Methods, 2020, 11, 655-668.	8.7	13
39	All publishers are predatory - some are bigger than others. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1643-1647.	0.8	13
40	Different temporal windows for CB1 receptor involvement in contextual fear memory destabilisation in the amygdala and hippocampus. PLoS ONE, 2019, 14, e0205781.	2.5	12
41	Multifactoriality in Psychiatric Disorders: A Computational Study of Schizophrenia. Schizophrenia Bulletin, 2015, 41, 980-988.	4.3	10
42	Addressing selective reporting of experiments through predefined exclusion criteria. ELife, 2020, 9, .	6.0	7
43	Signet-ring cell hilar cholangiocarcinoma: case report. Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery, 2015, 28, 148-149.	0.5	6
44	Transcriptional profiling of striatal neurons in response to single or concurrent activation of dopamine D2, adenosine A2A and metabotropic glutamate type 5 receptors: Focus on beta-synuclein expression. Gene, 2012, 508, 199-205.	2.2	5
45	A Freely Available, Self-Calibrating Software for Automatic Measurement of Freezing Behavior. Frontiers in Behavioral Neuroscience, 2019, 13, 205.	2.0	5
46	Two years into the Brazilian Reproducibility Initiative: reflections on conducting a large-scale replication of Brazilian biomedical science. Memorias Do Instituto Oswaldo Cruz, 2020, 115, e200328.	1.6	5
47	Evoked Potentials for the Evaluation of Latent Hepatic Encephalopathy in Pediatric Liver Transplant Candidates. Journal of Pediatric Gastroenterology and Nutrition, 2000, 31, 371-376.	1.8	4
48	37 years of scientific activity in a Biochemistry Department in Brazil: patterns of growth and factors leading to increased productivity. Anais Da Academia Brasileira De Ciencias, 2011, 83, 1121-1130.	0.8	4
49	Protocol for a systematic review of effect sizes and statistical power in the rodent fear conditioning literature. Evidence-based Preclinical Medicine, 2016, 3, 24-32.	0.9	4
50	Defining Disease in the Information Age. PLoS Medicine, 2006, 3, e317.	8.4	2
51	Do biomarkers trump behavior?. Nature Medicine, 2007, 13, 237-237.	30.7	1
52	Patogênese da encefalopatia hepática. Medicina, 1999, 32, 82-96.	0.1	0
53	Flumazenil and hepatic encephalopathy. Hepatology, 1999, 29, 1338a-1339.	7.3	0
54	Media right to report small value of antidepressants. Nature, 2008, 452, 934-934.	27.8	0

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55	Replication Initiative: Dangerous Logic. <i>Science</i> , 2012, 336, 801-801.	12.6	0
56	Memory destabilization during reconsolidation: a consequence of homeostatic plasticity?. <i>Learning and Memory</i> , 2021, 28, 371-389.	1.3	0
57	Amnesia. , 2013, , 85-87.		0
58	Lost in translation?. <i>Trends in Psychiatry and Psychotherapy</i> , 2013, 35, 235-237.	0.8	0
59	A constru�o do c�rebro dependente: uma an�lise da m�dia brasileira e da literatura cient�fica sobre adi�o a tecnologias. <i>Revista Da Biologia</i> , 2016, 15, 39-49.	0.2	0