

# Alcino J Silva

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52  
papers

9,392  
citations

33  
h-index

56  
g-index

56  
ext. papers

10,536  
ext. citations

16.5  
avg, IF

5.59  
L-index

#	Paper	IF	Citations
52	The emergence of molecular systems neuroscience.. <i>Molecular Brain</i> , <b>2022</b> , 15, 7	4.5	1
51	Pharmacological blockers of CCR5 and CXCR4 improve recovery after traumatic brain injury. <i>Experimental Neurology</i> , <b>2021</b> , 338, 113604	5.7	9
50	Chemokine Receptors CC Chemokine Receptor 5 and C-X-C Motif Chemokine Receptor 4 Are New Therapeutic Targets for Brain Recovery after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 2003-2017	5.4	7
49	Postnatal immune activation causes social deficits in a mouse model of tuberous sclerosis: Role of microglia and clinical implications. <i>Science Advances</i> , <b>2021</b> , 7, eabf2073	14.3	1
48	Dimensions and mechanisms of memory organization. <i>Neuron</i> , <b>2021</b> , 109, 2649-2662	13.9	1
47	Human Memories Can Be Linked by Temporal Proximity. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 315	3.3	5
46	CCR5 Is a Therapeutic Target for Recovery after Stroke and Traumatic Brain Injury. <i>Cell</i> , <b>2019</b> , 176, 1143-1157.e131	36.57	131
45	Randomised controlled trial of simvastatin treatment for autism in young children with neurofibromatosis type 1 (SANTA). <i>Molecular Autism</i> , <b>2018</b> , 9, 12	6.5	33
44	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , <b>2018</b> , 173, 166-180.e14	36.14	69
43	The mouse as a model for neuropsychiatric drug development. <i>Current Biology</i> , <b>2018</b> , 28, R909-R914	6.3	15
42	Risky Decision Making in Neurofibromatosis Type 1: An Exploratory Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2017</b> , 2, 170-179	3.4	2
41	Noonan syndrome-associated SHP2 mutation differentially modulates the expression of postsynaptic receptors according to developmental maturation. <i>Neuroscience Letters</i> , <b>2017</b> , 649, 41-47	3.3	9
40	Spatial working memory in neurofibromatosis 1: Altered neural activity and functional connectivity. <i>NeuroImage: Clinical</i> , <b>2017</b> , 15, 801-811	5.3	12
39	Miniaturized two-photon microscope: seeing clearer and deeper into the brain. <i>Light: Science and Applications</i> , <b>2017</b> , 6, e17104	16.7	16
38	Linking Memories across Time via Neuronal and Dendritic Overlaps in Model Neurons with Active Dendrites. <i>Cell Reports</i> , <b>2016</b> , 17, 1491-1504	10.6	45
37	Hijacking translation in addiction. <i>ELife</i> , <b>2016</b> , 5,	8.9	1
36	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. <i>Pediatric Neurology</i> , <b>2016</b> , 60, 1-12	2.9	34

35	A shared neural ensemble links distinct contextual memories encoded close in time. <i>Nature</i> , <b>2016</b> , 534, 115-8	50.4	443
34	The need for novel informatics tools for integrating and planning research in molecular and cellular cognition. <i>Learning and Memory</i> , <b>2015</b> , 22, 494-8	2.8	8
33	Resting state functional MRI reveals abnormal network connectivity in neurofibromatosis 1. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 4566-81	5.9	21
32	Synaptic tagging during memory allocation. <i>Nature Reviews Neuroscience</i> , <b>2014</b> , 15, 157-69	13.5	147
31	Mechanism and treatment for learning and memory deficits in mouse models of Noonan syndrome. <i>Nature Neuroscience</i> , <b>2014</b> , 17, 1736-43	25.5	97
30	CREB regulates memory allocation in the insular cortex. <i>Current Biology</i> , <b>2014</b> , 24, 2833-7	6.3	55
29	Molecular and Cellular Approaches to Cognitive Impairments Associated with NF1 and Other Rasopathies <b>2012</b> , 569-588		
28	The hippocampus plays a selective role in the retrieval of detailed contextual memories. <i>Current Biology</i> , <b>2010</b> , 20, 1336-44	6.3	179
27	Adult reversal of cognitive phenotypes in neurodevelopmental disorders. <i>Journal of Neurodevelopmental Disorders</i> , <b>2009</b> , 1, 150-7	4.6	33
26	Reversal of learning deficits in a Tsc2+/- mouse model of tuberous sclerosis. <i>Nature Medicine</i> , <b>2008</b> , 14, 843-8	50.5	656
25	Neurofibromin regulation of ERK signaling modulates GABA release and learning. <i>Cell</i> , <b>2008</b> , 135, 549-60	6.2	311
24	Forebrain-specific knockout of B-raf kinase leads to deficits in hippocampal long-term potentiation, learning, and memory. <i>Journal of Neuroscience Research</i> , <b>2006</b> , 83, 28-38	4.4	61
23	CREB: A Cornerstone of Memory Consolidation? <b>2005</b> , 359-380		1
22	Consolidation of CS and US representations in associative fear conditioning. <i>Hippocampus</i> , <b>2004</b> , 14, 557-69	3.9	113
21	Learning and memory deficits in Notch mutant mice. <i>Current Biology</i> , <b>2003</b> , 13, 1348-54	6.3	172
20	Molecular and cellular cognitive studies of the role of synaptic plasticity in memory. <i>Journal of Neurobiology</i> , <b>2003</b> , 54, 224-37		236
19	Selective cognitive dysfunction in acetylcholine M1 muscarinic receptor mutant mice. <i>Nature Neuroscience</i> , <b>2003</b> , 6, 51-8	25.5	439
18	Mouse models of neurofibromatosis type I: bridging the GAP. <i>Trends in Molecular Medicine</i> , <b>2003</b> , 9, 19-23	1.5	53

17	CREB required for the stability of new and reactivated fear memories. <i>Nature Neuroscience</i> , <b>2002</b> , 5, 348-55	494
16	Molecular and cellular mechanisms underlying the cognitive deficits associated with neurofibromatosis 1. <i>Journal of Child Neurology</i> , <b>2002</b> , 17, 622-6; discussion 627-9, 646-51	2.5 53
15	Chapter XIII CREB, plasticity and memory. <i>Handbook of Chemical Neuroanatomy</i> , <b>2002</b> , 19, 329-361	1
14	Inhibitory autophosphorylation of CaMKII controls PSD association, plasticity, and learning. <i>Neuron</i> , <b>2002</b> , 36, 493-505	13.9 228
13	Learning deficits, but normal development and tumor predisposition, in mice lacking exon 23a of NF1. <i>Nature Genetics</i> , <b>2001</b> , 27, 399-405	36.3 156
12	Inducible, pharmacogenetic approaches to the study of learning and memory. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 1238-43	25.5 94
11	Alpha-CaMKII-dependent plasticity in the cortex is required for permanent memory. <i>Nature</i> , <b>2001</b> , 411, 309-13	50.4 330
10	Hippocampus-dependent learning and memory is impaired in mice lacking the Ras-guanine-nucleotide releasing factor 1 (Ras-GRF1). <i>Neuropharmacology</i> , <b>2001</b> , 41, 791-800	5.5 125
9	Fear-potentiated startle, but not prepulse inhibition of startle, is impaired in CREB1 mutant mice.. <i>Behavioral Neuroscience</i> , <b>2000</b> , 114, 998-1004	2.1 24
8	Computer-assisted behavioral assessment of Pavlovian fear conditioning in mice. <i>Learning and Memory</i> , <b>2000</b> , 7, 58-72	2.8 129
7	Ibotenate lesions of the hippocampus impair spatial learning but not contextual fear conditioning in mice. <i>Behavioural Brain Research</i> , <b>1999</b> , 98, 77-87	3.4 105
6	CREB and memory. <i>Annual Review of Neuroscience</i> , <b>1998</b> , 21, 127-48	17 1181
5	The dorsal hippocampus is essential for context discrimination but not for contextual conditioning.. <i>Behavioral Neuroscience</i> , <b>1998</b> , 112, 863-874	2.1 396
4	Molecular, cellular, and neuroanatomical substrates of place learning. <i>Neurobiology of Learning and Memory</i> , <b>1998</b> , 70, 44-61	3.1 80
3	A mouse model for the learning and memory deficits associated with neurofibromatosis type I. <i>Nature Genetics</i> , <b>1997</b> , 15, 281-4	36.3 278
2	Spaced training induces normal long-term memory in CREB mutant mice. <i>Current Biology</i> , <b>1997</b> , 7, 1-11	6.3 293
1	Deficient long-term memory in mice with a targeted mutation of the cAMP-responsive element-binding protein. <i>Cell</i> , <b>1994</b> , 79, 59-68	56.2 1572