Pedro Bekinschtein

List of Publications by Year
in descending order

49 papers	4,393 citations	236925 25 h-index	243625 44 g-index
54 all docs	54 docs citations	54 times ranked	6042 citing authors

#	Article	IF	Citations
1	Brain-Derived Neurotrophic Factor: A Key Molecule for Memory in the Healthy and the Pathological Brain. Frontiers in Cellular Neuroscience, 2019, 13, 363.	3.7	740
2	BDNF is essential to promote persistence of long-term memory storage. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2711-2716.	7.1	559
3	Persistence of Long-Term Memory Storage Requires a Late Protein Synthesis- and BDNF- Dependent Phase in the Hippocampus. Neuron, 2007, 53, 261-277.	8.1	550
4	BDNF and memory processing. Neuropharmacology, 2014, 76, 677-683.	4.1	296
5	Reviews: BDNF and Memory Formation and Storage. Neuroscientist, 2008, 14, 147-156.	3.5	260
6	BDNF Activates mTOR to Regulate GluR1 Expression Required for Memory Formation. PLoS ONE, 2009, 4, e6007.	2.5	230
7	Effects of environmental enrichment and voluntary exercise on neurogenesis, learning and memory, and pattern separation: BDNF as a critical variable?. Seminars in Cell and Developmental Biology, 2011, 22, 536-542.	5.0	207
8	mTOR signaling in the hippocampus is necessary for memory formation. Neurobiology of Learning and Memory, 2007, 87, 303-307.	1.9	163
9	Delayed wave of c-Fos expression in the dorsal hippocampus involved specifically in persistence of long-term memory storage. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 349-354.	7.1	136
10	Endogenous BDNF is required for long-term memory formation in the rat parietal cortex. Learning and Memory, 2005, 12, 504-510.	1.3	112
11	BDNF in the Dentate Gyrus Is Required for Consolidation of â€œPattern-Separatedâ€•Memories. Cell Reports, 2013, 5, 759-768.	6.4	108
12	Medial prefrontal cortex role in recognition memory in rodents. Behavioural Brain Research, 2015, 292, 241-251.	2.2	87
13	Brainâ€derived neurotrophic factor interacts with adultâ€born immature cells in the dentate gyrus during consolidation of overlapping memories. Hippocampus, 2014, 24, 905-911.	1.9	77
14	Persistence of Long-Term Memory Storage: New Insights into its Molecular Signatures in the Hippocampus and Related Structures. Neurotoxicity Research, 2010, 18, 377-385.	2.7	76
15	Adult hippocampal neurogenesis and its role in cognition. Wiley Interdisciplinary Reviews: Cognitive Science, 2014, 5, 573-587.	2.8	73
16	The orexigenic hormone acyl-ghrelin increases adult hippocampal neurogenesis and enhances pattern separation. Psychoneuroendocrinology, 2015, 51, 431-439.	2.7	63
17	Do memories consolidate to persist or do they persist to consolidate?. Behavioural Brain Research, 2008, 192, 61-69.	2.2	58
18	Cathepsin-L Influences the Expression of Extracellular Matrix in Lymphoid Organs and Plays a Role in the Regulation of Thymic Output and of Peripheral T Cell Number. Journal of Immunology, 2005, 174, 7022-7032.	0.8	55

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19	Role of Medial Prefrontal Cortex Serotonin 2A Receptors in the Control of Retrieval of Recognition Memory in Rats. Journal of Neuroscience, 2013, 33, 15716-15725.	3.6	55
20	One-trial aversive learning induces late changes in hippocampal CaMKIIÎ±, Homer 1a, Syntaxin 1a and ERK2 protein levels. Molecular Brain Research, 2004, 132, 1-12.	2.3	51
21	Maintenance of long-term memory storage is dependent on late posttraining Egr-1 expression. Neurobiology of Learning and Memory, 2012, 98, 220-227.	1.9	36
22	Sooner than you think: A very early affective reaction to the COVID-19 pandemic and quarantine in Argentina. Journal of Affective Disorders, 2021, 282, 495-503.	4.1	35
23	Gene expression during memory formation. Neurotoxicity Research, 2004, 6, 189-203.	2.7	34
24	GDNF and GFRÎ±1 Are Required for Proper Integration of Adult-Born Hippocampal Neurons. Cell Reports, 2019, 29, 4308-4319.e4.	6.4	33
25	A retrieval-specific mechanism of adaptive forgetting in the mammalian brain. Nature Communications, 2018, 9, 4660.	12.8	28
26	Serotonin 2a Receptor and Serotonin 1a Receptor Interact Within the Medial Prefrontal Cortex During Recognition Memory in Mice. Frontiers in Pharmacology, 2015, 6, 298.	3.5	26
27	Plasticity Mechanisms of Memory Consolidation and Reconsolidation in the Perirhinal Cortex. Neuroscience, 2018, 370, 46-61.	2.3	24
28	Dentate Gyrus Somatostatin Cells are Required for Contextual Discrimination During Episodic Memory Encoding. Cerebral Cortex, 2021, 31, 1046-1059.	2.9	24
29	NMDA receptors and BDNF are necessary for discrimination of overlapping spatial and non-spatial memories in perirhinal cortex and hippocampus. Neurobiology of Learning and Memory, 2018, 155, 337-343.	1.9	21
30	Characterization of Two Infectious Mouse Mammary Tumour Viruses: Superantigenicity and Tumorigenicity. Scandinavian Journal of Immunology, 1999, 49, 269-277.	2.7	20
31	Psychological symptoms, mental fatigue and behavioural adherence after 72 continuous days of strict lockdown during the COVID-19 pandemic in Argentina. BJPsych Open, 2022, 8, e10.	0.7	20
32	Molecular Mechanisms in Perirhinal Cortex Selectively Necessary for Discrimination of Overlapping Memories, but Independent of Memory Persistence. ENeuro, 2017, 4, ENEURO.0293-17.2017.	1.9	17
33	5-HT2a receptor in mPFC influences context-guided reconsolidation of object memory in perirhinal cortex. ELife, 2018, 7, .	6.0	17
34	Attenuating the persistence of fear memory storage using a single dose of antidepressant. Molecular Psychiatry, 2013, 18, 7-8.	7.9	15
35	Molecular Mechanisms of Memory Consolidation, Reconsolidation, and Persistence. Neural Plasticity, 2015, 2015, 1-2.	2.2	12
36	The spontaneous location recognition task for assessing spatial pattern separation and memory across a delay in rats and mice. Nature Protocols, 2021, 16, 5616-5633.	12.0	12

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37	Role of PFC during retrieval of recognition memory in rodents. Journal of Physiology (Paris), 2014, 108, 252-255.	2.1	11
38	Neonatal infection with a milk-borne virus is independent of Î²7â€„integrin- and L-selectin-expressing lymphocytes. European Journal of Immunology, 2002, 32, 945-956.	2.9	10
39	Cognitive enhancing effects of voluntary exercise, caloric restriction and environmental enrichment: a role for adult hippocampal neurogenesis and pattern separation?. Current Opinion in Behavioral Sciences, 2015, 4, 179-185.	3.9	9
40	Editorial: Cellular and Molecular Mechanisms of Neurotrophin Function in the Nervous System. Frontiers in Cellular Neuroscience, 2020, 14, 101.	3.7	8
41	Molecular mechanisms within the dentate gyrus and the perirhinal cortex interact during discrimination of similar nonspatial memories. Hippocampus, 2021, 31, 140-155.	1.9	6
42	Functional connectivity of anterior retrosplenial cortex in object recognition memory. Neurobiology of Learning and Memory, 2021, 186, 107544.	1.9	6
43	Serotonin Type 2a Receptor in the Prefrontal Cortex Controls Perirhinal Cortex Excitability During Object Recognition Memory Recall. Neuroscience, 2022, , .	2.3	3
44	Alterations during Positive Selection in the Thymus of nackt CD4-Deficient Mice. Scandinavian Journal of Immunology, 2000, 52, 555-562.	2.7	2
45	Alterations during Positive Selection in the Thymus of nackt CD4â€Deficient Mice. Scandinavian Journal of Immunology, 2000, 52, 555-562.	2.7	0
46	Neurophotonics Approaches for the Study of Pattern Separation. Frontiers in Neural Circuits, 2020, 14, 26.	2.8	0
47	Leucineâ€rich repeats and immunoglobulinâ€like domains 1 deficiency affects hippocampal dendrite complexity and impairs cognitive function. Developmental Neurobiology, 2021, 81, 774-785.	3.0	0
48	Persistence of Long-Term Memory Storage: New Insights into its Molecular Signatures in the Hippocampus and Related Structures. , 2012, , 205-213.		0
49	Persistence of Long-Term Memory Storage: New Insights into its Molecular Signatures in the Hippocampus and Related Structures. , 2013, , 239-247.		0