

Arturo Romano

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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.

60
papers

2,077
citations

30
h-index

44
g-index

64
ext. papers

2,244
ext. citations

3.6
avg. IF

4.65
L-index

#	Paper	IF	Citations
60	Participation of Rel/NF-kappaB transcription factors in long-term memory in the crab <i>Chasmagnathus</i> . <i>Brain Research</i> , 2000 , 855, 274-81	3.7	105
59	Reconsolidation or extinction: transcription factor switch in the determination of memory course after retrieval. <i>Journal of Neuroscience</i> , 2011 , 31, 5562-73	6.6	103
58	The IkappaB kinase inhibitor sulfasalazine impairs long-term memory in the crab <i>Chasmagnathus</i> . <i>Neuroscience</i> , 2002 , 112, 161-72	3.9	85
57	NF-kappaB transcription factor is required for inhibitory avoidance long-term memory in mice. <i>European Journal of Neuroscience</i> , 2005 , 21, 2845-52	3.5	81
56	Context-us association as a determinant of long-term habituation in the crab <i>Chasmagnathus</i> . <i>Learning and Behavior</i> , 1998 , 26, 196-209		80
55	Activation of the transcription factor NF-kappaB by retrieval is required for long-term memory reconsolidation. <i>Learning and Memory</i> , 2005 , 12, 23-9	2.8	80
54	Transcription factor NF-kappaB activation after in vivo perforant path LTP in mouse hippocampus. <i>Hippocampus</i> , 2004 , 14, 677-83	3.5	78
53	Kappa-B like DNA-binding activity is enhanced after spaced training that induces long-term memory in the crab <i>Chasmagnathus</i> . <i>Neuroscience Letters</i> , 1998 , 242, 143-6	3.3	76
52	Long-term habituation to a danger stimulus in the crab <i>Chasmagnathus granulatus</i> . <i>Physiology and Behavior</i> , 1990 , 47, 35-41	3.5	74
51	Activation of hippocampal nuclear factor-kappa B by retrieval is required for memory reconsolidation. <i>Journal of Neuroscience</i> , 2007 , 27, 13436-45	6.6	68
50	Histone acetylation is recruited in consolidation as a molecular feature of stronger memories. <i>Learning and Memory</i> , 2009 , 16, 600-6	2.8	67
49	Phosphorylation of extra-nuclear ERK/MAPK is required for long-term memory consolidation in the crab <i>Chasmagnathus</i> . <i>Behavioural Brain Research</i> , 2005 , 158, 251-61	3.4	63
48	CaMKII Isoforms in Learning and Memory: Localization and Function. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 445	6.1	60
47	Evolutionarily-conserved role of the NF-kappaB transcription factor in neural plasticity and memory. <i>European Journal of Neuroscience</i> , 2006 , 24, 1507-16	3.5	57
46	Decrease of ERK/MAPK overactivation in prefrontal cortex reverses early memory deficit in a mouse model of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 40, 69-82	4.3	52
45	Nuclear factor B-dependent histone acetylation is specifically involved in persistent forms of memory. <i>Journal of Neuroscience</i> , 2013 , 33, 7603-14	6.6	52
44	Synaptic NF-kappa B pathway in neuronal plasticity and memory. <i>Journal of Physiology (Paris)</i> , 2014 , 108, 256-62		44

43	Effect of morphine and naloxone on a defensive response of the crab <i>Chasmagnathus granulatus</i> . <i>Pharmacology Biochemistry and Behavior</i> , 1988 , 30, 635-40	3.9	44
42	Angiotensin II enhances long-term memory in the crab <i>Chasmagnathus</i> . <i>Brain Research Bulletin</i> , 1996 , 41, 211-20	3.9	41
41	Effect of naloxone pretreatment on habituation in the crab <i>Chasmagnathus granulatus</i> . <i>Behavioral and Neural Biology</i> , 1990 , 53, 113-22		40
40	Memory extinction entails the inhibition of the transcription factor NF-kappaB. <i>PLoS ONE</i> , 2008 , 3, e3687	3.7	39
39	Effects of activation and inhibition of cAMP-dependent protein kinase on long-term habituation in the crab <i>Chasmagnathus</i> . <i>Brain Research</i> , 1996 , 735, 131-40	3.7	38
38	Acute administration of a permeant analog of cAMP and a phosphodiesterase inhibitor improve long-term habituation in the crab <i>Chasmagnathus</i> . <i>Behavioural Brain Research</i> , 1996 , 75, 119-25	3.4	37
37	Long-term memory consolidation depends on proteasome activity in the crab <i>Chasmagnathus</i> . <i>Neuroscience</i> , 2007 , 147, 46-52	3.9	35
36	Massed and spaced training build up different components of long-term habituation in the crab <i>Chasmagnathus</i> . <i>Learning and Behavior</i> , 1998 , 26, 34-45		34
35	Lessons from a crab: molecular mechanisms in different memory phases of <i>Chasmagnathus</i> . <i>Biological Bulletin</i> , 2006 , 210, 280-8	1.5	34
34	Two critical periods for cAMP-dependent protein kinase activity during long-term memory consolidation in the crab <i>Chasmagnathus</i> . <i>Neurobiology of Learning and Memory</i> , 2002 , 77, 234-49	3.1	34
33	Angiotensin II (3-8) induces long-term memory improvement in the crab <i>Chasmagnathus</i> . <i>Neuroscience Letters</i> , 1997 , 226, 143-6	3.3	33
32	Opioid action on response level to a danger stimulus in the crab (<i>Chasmagnathus granulatus</i>).. <i>Behavioral Neuroscience</i> , 1989 , 103, 1139-1143	2.1	33
31	Nonhabituation processes affect stimulus specificity of response habituation in the crab <i>Chasmagnathus granulatus</i> ... <i>Behavioral Neuroscience</i> , 1991 , 105, 542-552	2.1	31
30	Protein degradation by ubiquitin-proteasome system in formation and labilization of contextual conditioning memory. <i>Learning and Memory</i> , 2014 , 21, 478-87	2.8	30
29	Long-term habituation (LTH) in the crab <i>Chasmagnathus</i> : a model for behavioral and mechanistic studies of memory. <i>Brazilian Journal of Medical and Biological Research</i> , 1997 , 30, 813-26	2.8	30
28	Participation of transcription factors from the Rel/NF-kappa B family in the circadian system in hamsters. <i>Neuroscience Letters</i> , 2004 , 358, 9-12	3.3	29
27	Angiotensin II and the transcription factor Rel/NF-kappaB link environmental water shortage with memory improvement. <i>Neuroscience</i> , 2002 , 115, 1079-87	3.9	28
26	Calcineurin phosphatase as a negative regulator of fear memory in hippocampus: control on nuclear factor- B signaling in consolidation and reconsolidation. <i>Hippocampus</i> , 2014 , 24, 1549-61	3.5	22

25	Acute administration of angiotensin II improves long-term habituation in the crab <i>Chasmagnathus</i> . <i>Neuroscience Letters</i> , 1995 , 196, 193-6	3.3	21
24	Reconsolidation involves histone acetylation depending on the strength of the memory. <i>Neuroscience</i> , 2012 , 219, 145-56	3.9	20
23	NF- κ B transcription factor role in consolidation and reconsolidation of persistent memories. <i>Frontiers in Molecular Neuroscience</i> , 2015 , 8, 50	6.1	18
22	Characterisation of cAMP-dependent protein kinase isoforms in the brain of the crab <i>Chasmagnathus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2001 , 171, 33-40	2.2	17
21	Nuclear factor kappa B-dependent Zif268 expression in hippocampus is required for recognition memory in mice. <i>Neurobiology of Learning and Memory</i> , 2015 , 119, 10-7	3.1	15
20	Effects of Hippocampal LIMK Inhibition on Memory Acquisition, Consolidation, Retrieval, Reconsolidation, and Extinction. <i>Molecular Neurobiology</i> , 2018 , 55, 958-967	6.2	15
19	Contextual Pavlovian conditioning in the crab <i>Chasmagnathus</i> . <i>Animal Cognition</i> , 2013 , 16, 255-72	3.1	15
18	Behavioral and mechanistic bases of long-term habituation in the crab <i>Chasmagnathus</i> . <i>Advances in Experimental Medicine and Biology</i> , 1998 , 446, 17-35	3.6	15
17	Differential activity profile of cAMP-dependent protein kinase isoforms during long-term memory consolidation in the crab <i>Chasmagnathus</i> . <i>Neurobiology of Learning and Memory</i> , 2005 , 83, 232-42	3.1	13
16	Memory reconsolidation of an inhibitory avoidance task in mice involves cytosolic ERK2 bidirectional modulation. <i>Neuroscience</i> , 2015 , 294, 227-37	3.9	12
15	Reconsolidation-induced memory persistence: Participation of late phase hippocampal ERK activation. <i>Neurobiology of Learning and Memory</i> , 2016 , 133, 79-88	3.1	12
14	A Multidisciplinary Approach to Learning and Memory in the Crab <i>Neohelice (Chasmagnathus) granulata</i> . <i>Handbook of Behavioral Neuroscience</i> , 2013 , 337-355	0.7	10
13	Epigenetic mechanisms and memory strength: a comparative study. <i>Journal of Physiology (Paris)</i> , 2014 , 108, 278-85		9
12	Hippocampal dynamics of synaptic NF-kappa B during inhibitory avoidance long-term memory consolidation in mice. <i>Neuroscience</i> , 2015 , 291, 70-80	3.9	9
11	Neuronal fibrillogenesis: amyloid fibrils from primary neuronal cultures impair long-term memory in the crab <i>Chasmagnathus</i> . <i>Behavioural Brain Research</i> , 2003 , 147, 73-82	3.4	8
10	Effect on memory of acute administration of naturally secreted fibrils and synthetic amyloid-beta peptides in an invertebrate model. <i>Neurobiology of Learning and Memory</i> , 2008 , 89, 407-18	3.1	6
9	Requirement of NF-kappa B Activation in Different Mice Brain Areas during Long-Term Memory Consolidation in Two Contextual One-Trial Tasks with Opposing Valences. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 104	6.1	5
8	Sustained CaMKII Delta Gene Expression Is Specifically Required for Long-Lasting Memories in Mice. <i>Molecular Neurobiology</i> , 2019 , 56, 1437-1450	6.2	4

7	Opioid action on response level to a danger stimulus in the crab (<i>Chasmagnathus granulatus</i>). <i>Behavioral Neuroscience</i> , 1989 , 103, 1139-43	2.1	4
6	Memory Reconsolidation and Extinction in Invertebrates 2013 , 139-164		3
5	LIMK, Cofilin 1 and actin dynamics involvement in fear memory processing. <i>Neurobiology of Learning and Memory</i> , 2020 , 173, 107275	3.1	3
4	The lateral neocortex is critical for contextual fear memory reconsolidation. <i>Scientific Reports</i> , 2019 , 9, 12157	4.9	2
3	Characterization of the beta amyloid precursor protein-like gene in the central nervous system of the crab <i>Chasmagnathus</i> . Expression during memory consolidation. <i>BMC Neuroscience</i> , 2010 , 11, 109	3.2	2
2	Two spaced training trials induce associative ERK-dependent long term memory in <i>Neohelice granulata</i> . <i>Behavioural Brain Research</i> , 2021 , 403, 113132	3.4	2
1	Heterozygous Che-1 KO mice show deficiencies in object recognition memory persistence. <i>Neuroscience Letters</i> , 2016 , 632, 169-74	3.3	