Arturo Romano

List of Publications by Year in Descending Order

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	Two spaced training trials induce associative ERK-dependent long term memory in Neohelice granulata. *Behavioural Brain Research*, **2021**, 403, 113132	3.4	2
59	LIMK, Cofilin 1 and actin dynamics involvement in fear memory processing. *Neurobiology of Learning and Memory*, **2020**, 173, 107275	3.1	3
58	The lateral neocortex is critical for contextual fear memory reconsolidation. *Scientific Reports*, **2019** , 9, 12157	4.9	2
57	Sustained CaMKII Delta Gene Expression Is Specifically Required for Long-Lasting Memories in Mice. *Molecular Neurobiology*, **2019**, 56, 1437-1450	6.2	4
56	Effects of Hippocampal LIMK Inhibition on Memory Acquisition, Consolidation, Retrieval, Reconsolidation, and Extinction. *Molecular Neurobiology*, **2018**, 55, 958-967	6.2	15
55	CaMKII Isoforms in Learning and Memory: Localization and Function. *Frontiers in Molecular Neuroscience*, **2018**, 11, 445	6.1	60
54	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. *Frontiers in Molecular Neuroscience*, **2017**, 10, 104	6.1	5
53	Heterozygous Che-1 KO mice show deficiencies in object recognition memory persistence. *Neuroscience Letters*, **2016**, 632, 169-74	3.3	
52	Reconsolidation-induced memory persistence: Participation of late phase hippocampal ERK activation. *Neurobiology of Learning and Memory*, **2016**, 133, 79-88	3.1	12
51	Nuclear factor kappa B-dependent Zif268 expression in hippocampus is required for recognition memory in mice. *Neurobiology of Learning and Memory*, **2015**, 119, 10-7	3.1	15
50	Memory reconsolidation of an inhibitory avoidance task in mice involves cytosolic ERK2 bidirectional modulation. *Neuroscience*, **2015**, 294, 227-37	3.9	12
49	NF-B transcription factor role in consolidation and reconsolidation of persistent memories. *Frontiers in Molecular Neuroscience*, **2015**, 8, 50	6.1	18
48	Hippocampal dynamics of synaptic NF-kappa B during inhibitory avoidance long-term memory consolidation in mice. *Neuroscience*, **2015**, 291, 70-80	3.9	9
47	Protein degradation by ubiquitin-proteasome system in formation and labilization of contextual conditioning memory. *Learning and Memory*, **2014**, 21, 478-87	2.8	30
46	Epigenetic mechanisms and memory strength: a comparative study. *Journal of Physiology (Paris)*, **2014**, 108, 278-85		9
45	Synaptic NF-kappa B pathway in neuronal plasticity and memory. *Journal of Physiology (Paris)*, **2014**, 108, 256-62		44
44	Decrease of ERK/MAPK overactivation in prefrontal cortex reverses early memory deficit in a mouse model of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2014**, 40, 69-82	4.3	52

43	Calcineurin phosphatase as a negative regulator of fear memory in hippocampus: control on nuclear factor-B signaling in consolidation and reconsolidation. *Hippocampus*, **2014**, 24, 1549-61	3.5	22
42	Nuclear factor B-dependent histone acetylation is specifically involved in persistent forms of memory. *Journal of Neuroscience*, **2013**, 33, 7603-14	6.6	52
41	Contextual Pavlovian conditioning in the crab Chasmagnathus. *Animal Cognition*, **2013**, 16, 255-72	3.1	15
40	A Multidisciplinary Approach to Learning and Memory in the Crab Neohelice (Chasmagnathus) granulata. *Handbook of Behavioral Neuroscience*, **2013**, 337-355	0.7	10
39	Memory Reconsolidation and Extinction in Invertebrates **2013**, 139-164		3
38	Reconsolidation involves histone acetylation depending on the strength of the memory. *Neuroscience*, **2012**, 219, 145-56	3.9	20
37	Reconsolidation or extinction: transcription factor switch in the determination of memory course after retrieval. *Journal of Neuroscience*, **2011**, 31, 5562-73	6.6	103
36	Characterization of the beta amyloid precursor protein-like gene in the central nervous system of the crab Chasmagnathus. Expression during memory consolidation. *BMC Neuroscience*, **2010**, 11, 109	3.2	2
35	Histone acetylation is recruited in consolidation as a molecular feature of stronger memories. *Learning and Memory*, **2009**, 16, 600-6	2.8	67
34	Effect on memory of acute administration of naturally secreted fibrils and synthetic amyloid-beta peptides in an invertebrate model. *Neurobiology of Learning and Memory*, **2008**, 89, 407-18	3.1	6
33	Memory extinction entails the inhibition of the transcription factor NF-kappaB. *PLoS ONE*, **2008**, 3, e3687	3.7	39
32	Activation of hippocampal nuclear factor-kappa B by retrieval is required for memory reconsolidation. *Journal of Neuroscience*, **2007**, 27, 13436-45	6.6	68
31	Long-term memory consolidation depends on proteasome activity in the crab Chasmagnathus. *Neuroscience*, **2007**, 147, 46-52	3.9	35
30	Lessons from a crab: molecular mechanisms in different memory phases of Chasmagnathus. *Biological Bulletin*, **2006**, 210, 280-8	1.5	34
29	Evolutionarily-conserved role of the NF-kappaB transcription factor in neural plasticity and memory. *European Journal of Neuroscience*, **2006**, 24, 1507-16	3.5	57
28	Phosphorylation of extra-nuclear ERK/MAPK is required for long-term memory consolidation in the crab Chasmagnathus. *Behavioural Brain Research*, **2005**, 158, 251-61	3.4	63
27	Differential activity profile of cAMP-dependent protein kinase isoforms during long-term memory consolidation in the crab Chasmagnathus. *Neurobiology of Learning and Memory*, **2005**, 83, 232-42	3.1	13
26	NF-kappaB transcription factor is required for inhibitory avoidance long-term memory in mice. *European Journal of Neuroscience*, **2005**, 21, 2845-52	3.5	81

25	Activation of the transcription factor NF-kappaB by retrieval is required for long-term memory reconsolidation. *Learning and Memory*, **2005**, 12, 23-9	2.8	80
24	Transcription factor NF-kappaB activation after in vivo perforant path LTP in mouse hippocampus. *Hippocampus*, **2004**, 14, 677-83	3.5	78
23	Participation of transcription factors from the Rel/NF-kappa B family in the circadian system in hamsters. *Neuroscience Letters*, **2004**, 358, 9-12	3.3	29
22	Neuronal fibrillogenesis: amyloid fibrils from primary neuronal cultures impair long-term memory in the crab Chasmagnathus. *Behavioural Brain Research*, **2003**, 147, 73-82	3.4	8
21	Two critical periods for cAMP-dependent protein kinase activity during long-term memory consolidation in the crab Chasmagnathus. *Neurobiology of Learning and Memory*, **2002**, 77, 234-49	3.1	34
20	The IkappaB kinase inhibitor sulfasalazine impairs long-term memory in the crab Chasmagnathus. *Neuroscience*, **2002**, 112, 161-72	3.9	85
19	Angiotensin II and the transcription factor Rel/NF-kappaB link environmental water shortage with memory improvement. *Neuroscience*, **2002**, 115, 1079-87	3.9	28
18	Characterisation of cAMP-dependent protein kinase isoforms in the brain of the crab Chasmagnathus. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2001**, 171, 33-40	2.2	17
17	Participation of Rel/NF-kappaB transcription factors in long-term memory in the crab Chasmagnathus. *Brain Research*, **2000**, 855, 274-81	3.7	105
16	Massed and spaced training build up different components of long-term habituation in the crabChasmagnathus. *Learning and Behavior*, **1998**, 26, 34-45		34
15	Context-us association as a determinant of long-term habituation in the crabChasmagnathus. *Learning and Behavior*, **1998**, 26, 196-209		80
14	Kappa-B like DNA-binding activity is enhanced after spaced training that induces long-term memory in the crab Chasmagnathus. *Neuroscience Letters*, **1998**, 242, 143-6	3.3	76
13	Behavioral and mechanistic bases of long-term habituation in the crab Chasmagnathus. *Advances in Experimental Medicine and Biology*, **1998**, 446, 17-35	3.6	15
12	Angiotensin II (3-8) induces long-term memory improvement in the crab Chasmagnathus. *Neuroscience Letters*, **1997**, 226, 143-6	3.3	33
11	Long-term habituation (LTH) in the crab Chasmagnathus: a model for behavioral and mechanistic studies of memory. *Brazilian Journal of Medical and Biological Research*, **1997**, 30, 813-26	2.8	30
10	Acute administration of a permeant analog of cAMP and a phosphodiesterase inhibitor improve long-term habituation in the crab Chasmagnathus. *Behavioural Brain Research*, **1996**, 75, 119-25	3.4	37
9	Angiotensin II enhances long-term memory in the crab Chasmagnathus. *Brain Research Bulletin*, **1996**, 41, 211-20	3.9	41
8	Effects of activation and inhibition of cAMP-dependent protein kinase on long-term habituation in the crab Chasmagnathus. *Brain Research*, **1996**, 735, 131-40	3.7	38

7	Acute administration of angiotensin II improves long-term habituation in the crab Chasmagnathus. *Neuroscience Letters*, **1995**, 196, 193-6	3.3	21
6	Nonhabituation processes affect stimulus specificity of response habituation in the crab Chasmagnathus granulatus... *Behavioral Neuroscience*, **1991**, 105, 542-552	2.1	31
5	Long-term habituation to a danger stimulus in the crab Chasmagnathus granulatus. *Physiology and Behavior*, **1990**, 47, 35-41	3.5	74
4	Effect of naloxone pretreatment on habituation in the crab Chasmagnathus granulatus. *Behavioral and Neural Biology*, **1990**, 53, 113-22		40
3	Opioid action on response level to a danger stimulus in the crab (Chasmagnathus granulatus).. *Behavioral Neuroscience*, **1989**, 103, 1139-1143	2.1	33
2	Opioid action on response level to a danger stimulus in the crab (Chasmagnathus granulatus). *Behavioral Neuroscience*, **1989**, 103, 1139-43	2.1	4
1	Effect of morphine and naloxone on a defensive response of the crab Chasmagnathus granulatus. *Pharmacology Biochemistry and Behavior*, **1988**, 30, 635-40	3.9	44