

# Almira Vazdarjanova

## List of Publications by Year in descending order

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43  
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236925

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docs citations

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times ranked

3808  
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#	ARTICLE	IF	CITATIONS
1	Differences in Hippocampal Neuronal Population Responses to Modifications of an Environmental Context: Evidence for Distinct, Yet Complementary, Functions of CA3 and CA1 Ensembles. <i>Journal of Neuroscience</i> , 2004, 24, 6489-6496.	3.6	407
2	Spatial Exploration-Induced Arc mRNA and Protein Expression: Evidence for Selective, Network-Specific Reactivation. <i>Journal of Neuroscience</i> , 2005, 25, 1761-1768.	3.6	327
3	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1211-1216.	7.1	281
4	Experience-Dependent Coincident Expression of the Effector Immediate-Early Genes <i>Arc</i> and <i>Homer 1a</i> in Hippocampal and Neocortical Neuronal Networks. <i>Journal of Neuroscience</i> , 2002, 22, 10067-10071.	3.6	272
5	Muscarinic cholinergic influences in memory consolidation. <i>Neurobiology of Learning and Memory</i> , 2003, 80, 178-193.	1.9	233
6	Spatial exploration induces <i>ARC</i> , a plasticity-related immediate-early gene, only in calcium/calmodulin-dependent protein kinase II-positive principal excitatory and inhibitory neurons of the rat forebrain. <i>Journal of Comparative Neurology</i> , 2006, 498, 317-329.	1.6	217
7	Basolateral amygdala is not critical for cognitive memory of contextual fear conditioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 15003-15007.	7.1	193
8	Basolateral Amygdala Is Involved in Modulating Consolidation of Memory for Classical Fear Conditioning. <i>Journal of Neuroscience</i> , 1999, 19, 6615-6622.	3.6	161
9	Memantine protects against LPS-induced neuroinflammation, restores behaviorally-induced gene expression and spatial learning in the rat. <i>Neuroscience</i> , 2006, 142, 1303-1315.	2.3	141
10	Neuroinflammation Alters the Hippocampal Pattern of Behaviorally Induced Arc Expression. <i>Journal of Neuroscience</i> , 2005, 25, 723-731.	3.6	121
11	Disrupting basolateral amygdala function impairs unconditioned freezing and avoidance in rats. <i>European Journal of Neuroscience</i> , 2001, 14, 709-718.	2.6	108
12	Long noncoding RNA <i>NEAT1</i> (nuclear paraspeckle assembly transcript 1) is critical for phenotypic switching of vascular smooth muscle cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8660-E8667.	7.1	107
13	Exposure to variable prenatal stress in rats: Effects on anxiety-related behaviors, innate and contextual fear, and fear extinction. <i>Behavioural Brain Research</i> , 2013, 238, 279-288.	2.2	80
14	Accuracy of hippocampal network activity is disrupted by neuroinflammation: rescue by memantine. <i>Brain</i> , 2009, 132, 2464-2477.	7.6	66
15	The basolateral amygdala complex is involved with, but is not necessary for, rapid acquisition of Pavlovian fear conditioning. <i>European Journal of Neuroscience</i> , 2000, 12, 3044-3050.	2.6	58
16	3D-catFISH: a system for automated quantitative three-dimensional compartmental analysis of temporal gene transcription activity imaged by fluorescence in situ hybridization. <i>Journal of Neuroscience Methods</i> , 2004, 139, 13-24.	2.5	54
17	Microinfusions of Flumazenil into the Basolateral but Not the Central Nucleus of the Amygdala Enhance Memory Consolidation in Rats. <i>Neurobiology of Learning and Memory</i> , 1999, 72, 1-7.	1.9	51
18	<i>CARMN</i> Is an Evolutionarily Conserved Smooth Muscle Cell-Specific lncRNA That Maintains Contractile Phenotype by Binding Myocardin. <i>Circulation</i> , 2021, 144, 1856-1875.	1.6	50

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19	Lesions of the Basolateral Amygdala Complex Block Propofol-induced Amnesia for Inhibitory Avoidance Learning in Rats. <i>Anesthesiology</i> , 2001, 95, 708-715.	2.5	41
20	<i>Arc</i> expression and neuroplasticity in primary auditory cortex during initial learning are inversely related to neural activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14828-14832.	7.1	36
21	Role of angiotensin system modulation on progression of cognitive impairment and brain MRI changes in aged hypertensive animals – A randomized double-blind pre-clinical study. <i>Behavioural Brain Research</i> , 2018, 346, 29-40.	2.2	33
22	Angiotensin receptor (AT2R) agonist C21 prevents cognitive decline after permanent stroke in aged animals – A randomized double-blind pre-clinical study. <i>Behavioural Brain Research</i> , 2019, 359, 560-569.	2.2	32
23	Ventral hippocampal neurons inhibit postprandial energy intake. <i>Hippocampus</i> , 2017, 27, 274-284.	1.9	31
24	Encoding of emotion-paired spatial stimuli in the rodent hippocampus. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 27.	2.0	26
25	Peroxisome Proliferator-Activated Receptor $\delta$ Controls Ingestive Behavior, Agouti-Related Protein, and Neuropeptide Y mRNA in the Arcuate Hypothalamus. <i>Journal of Neuroscience</i> , 2015, 35, 4571-4581.	3.6	26
26	Up-regulation of calcyon results in locomotor hyperactivity and reduced anxiety in mice. <i>Behavioural Brain Research</i> , 2008, 189, 244-249.	2.2	24
27	Predicting Impaired Extinction of Traumatic Memory and Elevated Startle. <i>PLoS ONE</i> , 2011, 6, e19760.	2.5	24
28	Does the basolateral amygdala store memories for emotional events?. <i>Trends in Neurosciences</i> , 2000, 23, 345.	8.6	20
29	Calcyon upregulation in adolescence impairs response inhibition and working memory in adulthood. <i>Molecular Psychiatry</i> , 2011, 16, 672-684.	7.9	18
30	Influence of Isoflurane on Immediate-Early Gene Expression. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 363.	2.0	18
31	Altered hippocampal function before emotional trauma in rats susceptible to PTSD-like behaviors. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 158-167.	1.9	17
32	Photobiomodulation prevents PTSD-like memory impairments in rats. <i>Molecular Psychiatry</i> , 2021, 26, 6666-6679.	7.9	17
33	Investigating Individual Pre-trauma Susceptibility to a PTSD-Like Phenotype in Animals. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 85.	2.5	17
34	Sweet orosensation induces <i>Arc</i> expression in dorsal hippocampal CA1 neurons in an experience-dependent manner. <i>Hippocampus</i> , 2016, 26, 405-413.	1.9	16
35	Modulating Expression of Thioredoxin Interacting Protein (TXNIP) Prevents Secondary Damage and Preserves Visual Function in a Mouse Model of Ischemia/Reperfusion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3969.	4.1	12
36	Nucleus basalis stimulation enhances working memory by stabilizing stimulus representations in primate prefrontal cortical activity. <i>Cell Reports</i> , 2021, 36, 109469.	6.4	12

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37	Sex-dependent effects of early life inflammatory pain on sucrose intake and sucrose-associated hippocampal Arc expression in adult rats. <i>Physiology and Behavior</i> , 2017, 173, 1-8.	2.1	9
38	Treatments for neuropathic pain differentially affect delayed matching accuracy by macaques: Effects of amitriptyline and gabapentin. <i>Pain</i> , 2010, 148, 446-453.	4.2	7
39	Light-Dark Open Field (LDOF): A novel task for sensitive assessment of anxiety. <i>Journal of Neuroscience Methods</i> , 2021, 363, 109325.	2.5	4
40	Chasing "fear memories" to the cerebellum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7814-7815.	7.1	3
41	Emotional state alters encoding of long-term spatial episodic memory. <i>Neurobiology of Learning and Memory</i> , 2022, 187, 107562.	1.9	1
42	Tone identification behavior in <i>Rattus norvegicus</i> : muscarinic receptor blockage lowers responsiveness in nontarget selective neurons, while nicotinic receptor blockage selectively lowers target responses. <i>European Journal of Neuroscience</i> , 2017, 46, 1779-1789.	2.6	0
43	Abstract TP89: Angiotensin Receptor (AT2R) Agonist C21 Accelerates Cognitive Functional Recovery After Permanent Stroke in Aged Animals. <i>Stroke</i> , 2018, 49, .	2.0	0