

*Astrocytic cAMP modulates memory via synaptic plasticity*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bloodâ€“Brain Barrier and Neurovascular Unit In Vitro Models for Studying Mitochondria-Driven Molecular Mechanisms of Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4661.	4.1	22
2	Roles and Transcriptional Responses of Inhibitory Neurons in Learning and Memory. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 689952.	2.9	11
3	Assessment of astrocytes as a mediator of memory and learning in rodents. <i>Glia</i> , 2022, 70, 1484-1505.	4.9	22
4	PACmn for improved optogenetic control of intracellular cAMP. <i>BMC Biology</i> , 2021, 19, 227.	3.8	13
5	From Synapses to Circuits, Astrocytes Regulate Behavior. <i>Frontiers in Neural Circuits</i> , 2021, 15, 786293.	2.8	41
6	Utility of 7,8-dihydroxyflavone in preventing astrocytic and synaptic deficits in the hippocampus elicited by PTSD. <i>Pharmacological Research</i> , 2022, 176, 106079.	7.1	23
7	Connecting the Dots Between Hypercholesterolemia and Alzheimerâ€™s Disease: A Potential Mechanism Based on 27-Hydroxycholesterol. <i>Frontiers in Neuroscience</i> , 2022, 16, 842814.	2.8	15
8	Astrocytic Calcium and cAMP in Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, .	3.7	11
9	Endocannabinoid signaling in astrocytes. <i>Glia</i> , 2023, 71, 44-59.	4.9	19
10	Astrocytes in memory formation and maintenance. <i>Essays in Biochemistry</i> , 2023, 67, 107-117.	4.7	9
12	Light-intensity exercise improves memory dysfunction with the restoration of hippocampal MCT2 and miRNAs in type 2 diabetic mice. <i>Metabolic Brain Disease</i> , 2023, 38, 245-254.	2.9	3
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14	Far from home: the role of glial mRNA localization in synaptic plasticity. <i>Rna</i> , 2023, 29, 153-169.	3.5	3
15	Cyclic AMP response element-binding protein (CREB) transcription factor in astrocytic synaptic communication. <i>Frontiers in Synaptic Neuroscience</i> , 0, 14, .	2.5	0
16	Spectroscopic and Computational Observation of Glutamine Tautomerization in the Blue Light Sensing Using Flavin Domain Photoreaction. <i>Journal of the American Chemical Society</i> , 2023, 145, 1040-1052.	13.7	9
17	The Association of the Oral Microbiota with the Effects of Acid Stress Induced by an Increase of Brain Lactate in Schizophrenia Patients. <i>Biomedicines</i> , 2023, 11, 240.	3.2	5
19	Low-Carbohydrate and High-Protein Diet Suppresses Working Memory Function in Healthy Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 2022, 68, 527-532.	0.6	1
20	Cellular and molecular mechanisms of stress-induced memory impairment. , 0, , 100-119.		0

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21	Lactate-Mediated Signaling in the Brain—An Update. <i>Brain Sciences</i> , 2023, 13, 49.	2.3	2
22	Differential Effects of Astrocyte Manipulations on Learned Motor Behavior and Neuronal Ensembles in the Motor Cortex. <i>Journal of Neuroscience</i> , 2023, 43, 2696-2713.	3.6	2
23	Comparative assessment of the effects of DREADDs and endogenously expressed GPCRs in hippocampal astrocytes on synaptic activity and memory. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	3.7	6
24	Circular RNA Tmcc1 improves astrocytic glutamate metabolism and spatial memory via NF- $\kappa$ B and CREB signaling in a bile duct ligation mouse model: transcriptional and cellular analyses. <i>Journal of Neuroinflammation</i> , 2023, 20, .	7.2	0
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28	Methyl vinyl ketone impairs spatial memory and activates hippocampal glial cells in mice. <i>PLoS ONE</i> , 2023, 18, e0289714.	2.5	0
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30	Microglia and Astrocytes in Amyotrophic Lateral Sclerosis: Disease-Associated States, Pathological Roles, and Therapeutic Potential. <i>Biology</i> , 2023, 12, 1307.	2.8	2
31	Disrupting astrocyte-neuron lactate transport prevents cocaine seeking after prolonged withdrawal. <i>Science Advances</i> , 2023, 9, .	10.3	0
32	Astrocyte and L-lactate in the anterior cingulate cortex modulate schema memory and neuronal mitochondrial biogenesis. <i>ELife</i> , 0, 12, .	6.0	1
33	Astrocytes in the adult dentate gyrus—balance between adult and developmental tasks. <i>Molecular Psychiatry</i> , 0, , .	7.9	0
34	Astroglial Cells: Emerging Therapeutic Targets in the Management of Traumatic Brain Injury. <i>Cells</i> , 2024, 13, 148.	4.1	0
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38	Neuroprotective effects of repetitive transcranial magnetic stimulation on Alzheimer's disease: Undetermined therapeutic protocols and mechanisms. , 2024, 2, 16-32.		0

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39	Regulation of astrocyte metabolism by mitochondrial translocator protein <math>18\text{ kDa}</math>. Journal of Neurochemistry, 0, , .	3.9	0