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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Activation and Inactivation of Nicotinic Receptnors in the Dorsal Hippocampal Region Restored Negative Effects of Total (TSD) and REM Sleep Deprivation (RSD) on Memory Acquisition, Locomotor Activity and Pain Perception. <i>Neuroscience</i> , 2020, 433, 200-211.	1.1	24
2	The protective effect of alpha lipoic acid (ALA) on social interaction memory, but not passive avoidance in sleep-deprived rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2081-2091.	1.4	22
3	The role of 5-HT4 serotonin receptors in the CA1 hippocampal region on memory acquisition impairment induced by total (TSD) and REM sleep deprivation (RSD). <i>Physiology and Behavior</i> , 2020, 215, 112788.	1.0	21
4	The interaction effect of sleep deprivation and cannabinoid type 1 receptor in the CA1 hippocampal region on passive avoidance memory, depressive-like behavior and locomotor activity in rats. <i>Behavioural Brain Research</i> , 2021, 396, 112901.	1.2	20
5	Baclofen as an adjuvant therapy for autism: a randomized, double-blind, placebo-controlled trial. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 1619-1628.	2.8	19
6	Efficacy of RehaCom cognitive rehabilitation software in activities of daily living, attention and response control in chronic stroke patients. <i>Journal of Clinical Neuroscience</i> , 2020, 71, 101-107.	0.8	19
7	The neuroprotective effect of NeuroAid on morphine-induced amnesia with respect to the expression of TFAM, PGC-1 β , β fosB and CART genes in the hippocampus of male Wistar rats. <i>Gene</i> , 2020, 742, 144601.	1.0	19
8	The fluctuations of metabotropic glutamate receptor subtype 5 (mGluR5) in the amygdala in fear conditioning model of male Wistar rats following sleep deprivation, reverse circadian and napping. <i>Brain Research</i> , 2020, 1734, 146739.	1.1	19
9	Effect of cholestasis and NeuroAid treatment on the expression of Bax, Bcl-2, Pgc-1 β and Tfam genes involved in apoptosis and mitochondrial biogenesis in the striatum of male rats. <i>Metabolic Brain Disease</i> , 2020, 35, 183-192.	1.4	18
10	Investigating the effect of crocin on memory deficits induced by total sleep deprivation (TSD) with respect to the BDNF, TrkB and ERK levels in the hippocampus of male Wistar rats. <i>Journal of Psychopharmacology</i> , 2021, 35, 744-754.	2.0	18
11	The role of sleep disturbances in depressive-like behavior with emphasis on β -ketoglutarate dehydrogenase activity in rats.. <i>Physiology and Behavior</i> , 2020, 224, 113023.	1.0	15
12	Modulating role of serotonergic signaling in sleep and memory. <i>Pharmacological Reports</i> , 2022, 74, 1-26.	1.5	15
13	Reviewing the role of the orexinergic system and stressors in modulating mood and reward-related behaviors. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104516.	2.9	14
14	RehaCom rehabilitation training improves a wide-range of cognitive functions in multiple sclerosis patients. <i>Applied Neuropsychology Adult</i> , 2022, 29, 262-272.	0.7	12
15	The effect of alpha lipoic acid on passive avoidance and social interaction memory, pain perception, and locomotor activity in REM sleep-deprived rats. <i>Pharmacological Reports</i> , 2021, 73, 102-110.	1.5	11
16	How do stupendous cannabinoids modulate memory processing via affecting neurotransmitter systems?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 173-221.	2.9	10
17	Cannabinoids and sleep-wake cycle: The potential role of serotonin. <i>Behavioural Brain Research</i> , 2021, 412, 113440.	1.2	10
18	Complicated Role of Exercise in Modulating Memory: A Discussion of the Mechanisms Involved. <i>Neurochemical Research</i> , 2022, 47, 1477-1490.	1.6	10

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19	St. John's wort (<i>Hypericum perforatum</i>) and depression: what happens to the neurotransmitter systems?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 629-642.	1.4	10
20	Night shift hormone: How does melatonin affect depression?. <i>Physiology and Behavior</i> , 2022, 252, 113835.	1.0	10
21	Synergistic but not additive effect between ACPA and lithium in the dorsal hippocampal region on spatial learning and memory in rats: Isobolographic analyses. <i>Chemico-Biological Interactions</i> , 2020, 315, 108895.	1.7	9
22	Effects of Treadmill Exercise on the Expression Level of BAX, BAD, BCL-2, BCL-XL, TFAM, and PGC-1 α in the Hippocampus of Thimerosal-Treated Rats. <i>Neurotoxicity Research</i> , 2021, 39, 1274-1284.	1.3	9
23	The role of CA1 CB1 receptors on lithium-induced spatial memory impairment in rats. <i>EXCLI Journal</i> , 2018, 17, 916-934.	0.5	9
24	Effect of RehaCom cognitive rehabilitation software on working memory and processing speed in chronic ischemic stroke patients. <i>Assistive Technology</i> , 2023, 35, 41-47.	1.2	7
25	The effect of Crocin on TFAM and PGC-1 α expression and Catalase and Superoxide dismutase activities following cholestasis-induced neuroinflammation in the striatum of male Wistar rats. <i>Metabolic Brain Disease</i> , 2021, 36, 1791-1801.	1.4	5
26	Interaction of lithium and sleep deprivation on memory performance and anxiety-like behavior in male Wistar rats. <i>Behavioural Brain Research</i> , 2022, 428, 113890.	1.2	5
27	Tropisetron But Not Granisetron Ameliorates Spatial Memory Impairment Induced by Chronic Cerebral Hypoperfusion. <i>Neurochemical Research</i> , 2020, 45, 2631-2640.	1.6	4
28	The Effect of NeuroAid (MLC901) on Cholestasis-Induced Spatial Memory Impairment with Respect to the Expression of BAX, BCL-2, BAD, PGC-1 α and TFAM Genes in the Hippocampus of Male Wistar Rats. <i>Neurochemical Research</i> , 2021, 46, 2154-2166.	1.6	4
29	The effect of alpha-2 adrenergic receptors on memory retention deficit induced by rapid eye movement sleep deprivation. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1571-1575.	1.0	3
30	Inconsistent effects of sleep deprivation on memory function. <i>EXCLI Journal</i> , 2021, 20, 1011-1027.	0.5	3
31	The effect of 5-HT ₄ serotonin receptors in the CA3 hippocampal region on D-AP5-induced anxiolytic-like effects: Isobolographic analyses. <i>Behavioural Brain Research</i> , 2021, 397, 112933.	1.2	2
32	The effect of GABA-B receptors in the basolateral amygdala on passive avoidance memory impairment induced by MK-801 in rats. <i>Behavioural Brain Research</i> , 2021, 409, 113313.	1.2	2
33	Treatment with RehaCom computerized rehabilitation program improves response control, but not attention in children with attention-deficit/hyperactivity disorder (ADHD). <i>Journal of Clinical Neuroscience</i> , 2022, 98, 149-153.	0.8	2
34	Effects of Treadmill Exercise on Social Behavior in Rats Exposed to Thimerosal with Respect to the Hippocampal Level of GluN1, GluN2A, and GluN2B. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 1345-1357.	1.1	2
35	Do Sleep Disturbances have a Dual Effect on Alzheimer's Disease?. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 711-727.	1.7	1
36	Effects of morphine and NeuroAid on the expression levels of GluN2A and GluN3A in the hippocampus and striatum of rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 469-475.	1.0	0