

Marta Mendez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8003682/publications.pdf>

Version: 2024-02-01

78
papers

1,062
citations

430442

18
h-index

552369

26
g-index

80
all docs

80
docs citations

80
times ranked

1167
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral effects in adolescence and early adulthood in two length models of maternal separation in male rats. <i>Behavioural Brain Research</i> , 2017, 324, 77-86.	1.2	58
2	Spatial memory alterations in three models of hepatic encephalopathy. <i>Behavioural Brain Research</i> , 2008, 188, 32-40.	1.2	50
3	Early life stress by repeated maternal separation induces long-term neuroinflammatory response in glial cells of male rats. <i>Stress</i> , 2019, 22, 563-570.	0.8	49
4	Adult social isolation leads to anxiety and spatial memory impairment: Brain activity pattern of COx and c-Fos. <i>Behavioural Brain Research</i> , 2019, 365, 170-177.	1.2	45
5	Spatial working memory learning in young male and female rats: Involvement of different limbic system regions revealed by cytochrome oxidase activity. <i>Neuroscience Research</i> , 2009, 65, 28-34.	1.0	36
6	c-Fos expression correlates with performance on novel object and novel place recognition tests. <i>Brain Research Bulletin</i> , 2015, 117, 16-23.	1.4	34
7	The value of microsurgery in liver research. <i>Liver International</i> , 2009, 29, 1132-1140.	1.9	30
8	Sexually dimorphic c-Fos expression following spatial working memory in young and adult rats. <i>Physiology and Behavior</i> , 2009, 98, 307-317.	1.0	29
9	Associative learning deficit in two experimental models of hepatic encephalopathy. <i>Behavioural Brain Research</i> , 2009, 198, 346-351.	1.2	28
10	Spatial memory in young adults: Gender differences in egocentric and allocentric performance. <i>Behavioural Brain Research</i> , 2019, 359, 694-700.	1.2	27
11	Spatial working memory in Wistar rats: Brain sex differences in metabolic activity. <i>Brain Research Bulletin</i> , 2009, 79, 187-192.	1.4	24
12	Photobiomodulation as a promising new tool in the management of psychological disorders: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 242-254.	2.9	23
13	Working memory impairment and reduced hippocampal and prefrontal cortex c-Fos expression in a rat model of cirrhosis. <i>Physiology and Behavior</i> , 2008, 95, 302-307.	1.0	22
14	Effects of forced exercise on spatial memory and cytochrome c oxidase activity in aged rats. <i>Brain Research</i> , 2013, 1502, 20-29.	1.1	22
15	High frequency repetitive transcranial magnetic stimulation improves neuronal activity without affecting astrocytes and microglia density. <i>Brain Research Bulletin</i> , 2019, 150, 13-20.	1.4	22
16	Egocentric and allocentric spatial memory in healthy aging: performance on real-world tasks. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8041.	0.7	22
17	Acetylcholinesterase activity in an experimental rat model of Type C hepatic encephalopathy. <i>Acta Histochemica</i> , 2011, 113, 358-362.	0.9	21
18	Similarities and differences between the brain networks underlying allocentric and egocentric spatial learning in rat revealed by cytochrome oxidase histochemistry. <i>Neuroscience</i> , 2012, 223, 174-182.	1.1	20

#	ARTICLE	IF	CITATIONS
19	Spatial orientation assessment in preschool children: Egocentric and allocentric frameworks. <i>Applied Neuropsychology: Child</i> , 2021, 10, 171-193.	0.7	20
20	The importance of the context in the hippocampus and brain related areas throughout the performance of a fear conditioning task. <i>Hippocampus</i> , 2015, 25, 1242-1249.	0.9	19
21	Spatial memory-related brain activity in normally reared and different maternal separation models in rats. <i>Physiology and Behavior</i> , 2017, 181, 80-85.	1.0	19
22	Basal and learning task-related brain oxidative metabolism in cirrhotic rats. <i>Brain Research Bulletin</i> , 2009, 78, 195-201.	1.4	18
23	Spatial learning-related changes in metabolic activity of limbic structures at different posttask delays. <i>Journal of Neuroscience Research</i> , 2013, 91, 151-159.	1.3	18
24	Functional networks involved in spatial learning strategies in middle-aged rats. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 346-353.	1.0	18
25	Mammillary body alterations and spatial memory impairment in Wistar rats with thioacetamide-induced cirrhosis. <i>Brain Research</i> , 2008, 1233, 185-195.	1.1	17
26	Why are maternally separated females inflexible? Brain activity pattern of COx and c-Fos. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 30-41.	1.0	17
27	Partial Portal Vein Ligation Plus Thioacetamide: A Method to Obtain a New Model of Cirrhosis and Chronic Portal Hypertension in the Rat. <i>Journal of Gastrointestinal Surgery</i> , 2007, 11, 187-194.	0.9	16
28	Brain metabolism and spatial memory are affected by portal hypertension. <i>Metabolic Brain Disease</i> , 2012, 27, 183-191.	1.4	16
29	Unilateral hippocampal blockade reveals that one hippocampus is sufficient for learning a passive avoidance task. <i>Journal of Neuroscience Research</i> , 2007, 85, 1138-1142.	1.3	15
30	The recognition of a novel-object in a novel context leads to hippocampal and parahippocampal c-Fos involvement. <i>Behavioural Brain Research</i> , 2015, 292, 44-49.	1.2	15
31	Hippocampal heterogeneity in spatial memory revealed by cytochrome oxidase. <i>Neuroscience Letters</i> , 2009, 452, 162-166.	1.0	13
32	Spatial short-term memory in rats: Effects of learning trials on metabolic activity of limbic structures. <i>Neuroscience Letters</i> , 2010, 483, 32-35.	1.0	13
33	Portosystemic hepatic encephalopathy model shows reversal learning impairment and dysfunction of neural activity in the prefrontal cortex and regions involved in motivated behavior. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 690-694.	0.8	13
34	Mapping Metabolic Brain Activity in Three Models of Hepatic Encephalopathy. <i>International Journal of Hypertension</i> , 2013, 2013, 1-7.	0.5	12
35	Effects of a high protein diet on cognition and brain metabolism in cirrhotic rats. <i>Physiology and Behavior</i> , 2015, 149, 220-228.	1.0	12
36	Early life stress due to repeated maternal separation alters the working memory acquisition brain functional network. <i>Stress</i> , 2021, 24, 87-95.	0.8	12

#	ARTICLE	IF	CITATIONS
37	Main target of minimal hepatic encephalopathy: Morphophysiological, inflammatory and metabolic view. <i>Physiology and Behavior</i> , 2015, 149, 247-254.	1.0	11
38	Low-light-level therapy as a treatment for minimal hepatic encephalopathy: behavioural and brain assessment. <i>Lasers in Medical Science</i> , 2016, 31, 1717-1726.	1.0	11
39	Functional near-infrared spectroscopy in the neuropsychological assessment of spatial memory: A systematic review. <i>Acta Psychologica</i> , 2022, 224, 103525.	0.7	11
40	Interhippocampal transfer in passive avoidance task modifies metabolic activity in limbic structures. <i>Hippocampus</i> , 2011, 21, 48-55.	0.9	10
41	Differential contribution of the hippocampus in two different demanding tasks at early stages of hepatic encephalopathy. <i>Neuroscience</i> , 2015, 284, 1-10.	1.1	10
42	Portal hypertension in 18-month-old rats: Memory deficits and brain metabolic activity. <i>Physiology and Behavior</i> , 2010, 100, 135-142.	1.0	9
43	How Does Maternal Separation Affect the Cerebellum? Assessment of the Oxidative Metabolic Activity and Expression of the c-Fos Protein in Male and Female Rats. <i>Cerebellum</i> , 2020, 19, 68-77.	1.4	8
44	Spatial memory assessment reveals age-related differences in egocentric and allocentric memory performance. <i>Behavioural Brain Research</i> , 2020, 388, 112646.	1.2	8
45	The effect of recording interval length on behavioral assessment using the forced swimming test. <i>Revista Iberoamericana De Psicología Y Salud</i> , 2015, 6, 90-95.	0.9	7
46	Photobiomodulation rescues cognitive flexibility in early stressed subjects. <i>Brain Research</i> , 2019, 1720, 146300.	1.1	7
47	Retrieval of allocentric spatial memories is preserved up to thirty days and does not require higher brain metabolic demands. <i>Neurobiology of Learning and Memory</i> , 2020, 175, 107312.	1.0	7
48	Patients with Parkinson's Disease Show Alteration in their Visuospatial Abilities and in their Egocentric and Allocentric Spatial Orientation Measured by Card Placing Tests. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1807-1816.	1.5	7
49	Equipment for Repetitive Transcranial Magnetic Stimulation. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2020, 14, 525-534.	2.7	7
50	The association between perinatal and neonatal variables and neuropsychological development in very and extremely low-birth-weight preterm children at the beginning of primary school. <i>Applied Neuropsychology: Child</i> , 2020, 10, 1-11.	0.7	7
51	Impact of stress in childhood: Psychobiological alterations. <i>Psicothema</i> , 2017, 29, 18-22.	0.7	7
52	Memory performance and scopolamine: Hypoactivity of the thalamus revealed by cytochrome oxidase histochemistry. <i>Acta Histochemica</i> , 2011, 113, 465-471.	0.9	6
53	Brain networks underlying navigation in the Cincinnati water maze with external and internal cues. <i>Neuroscience Letters</i> , 2014, 576, 68-72.	1.0	6
54	Finding the place without the whole: Timeline involvement of brain regions. <i>Brain Research</i> , 2015, 1625, 18-28.	1.1	6

#	ARTICLE	IF	CITATIONS
55	Egocentric and allocentric spatial memory in typically developed children: Is spatial memory associated with visuospatial skills, behavior, and cortisol?. <i>Brain and Behavior</i> , 2020, 10, e01532.	1.0	6
56	Photobiomodulation effects on active brain networks during a spatial memory task. <i>Physiology and Behavior</i> , 2021, 230, 113291.	1.0	6
57	Hippocampus and cortex are involved in the retrieval of a spatial memory under full and partial cue availability. <i>Behavioural Brain Research</i> , 2021, 405, 113204.	1.2	6
58	No Effects of Photobiomodulation on Prefrontal Cortex and Hippocampal Cytochrome C Oxidase Activity and Expression of c-Fos Protein of Young Male and Female Rats. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	6
59	Development of egocentric and allocentric spatial orientation abilities in children born preterm with very low birth weight. <i>Early Human Development</i> , 2020, 141, 104947.	0.8	5
60	Reversal learning impairment and alterations in the prefrontal cortex and the hippocampus in a model of portosystemic hepatic encephalopathy. <i>Acta Neurologica Belgica</i> , 2010, 110, 246-54.	0.5	5
61	Differential effects of photobiomodulation interval schedules on brain cytochrome c-oxidase and proto-oncogene expression. <i>Neurophotonics</i> , 2020, 7, 045011.	1.7	4
62	Functional neuroanatomy of allocentric remote spatial memory in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 136, 104609.	2.9	4
63	Assessing the brain through the eye: New ways to explore hepatic encephalopathy. <i>Physiology and Behavior</i> , 2017, 173, 263-271.	1.0	3
64	Development of visuospatial memory in preterm infants: A new paradigm to assess short-term and working memory. <i>Child Neuropsychology</i> , 2021, 27, 296-316.	0.8	3
65	Methylene blue and photobiomodulation recover cognitive impairment in hepatic encephalopathy through different effects on cytochrome c-oxidase. <i>Behavioural Brain Research</i> , 2021, 403, 113164.	1.2	3
66	Recovering Spatial Information through Reactivation: Brain Oxidative Metabolism Involvement in Males and Females. <i>Neuroscience</i> , 2021, 459, 1-15.	1.1	3
67	Unfolding of spatial representation at systems level in infant rats. <i>Hippocampus</i> , 2022, 32, 121-133.	0.9	3
68	How demanding is the brain on a reversal task under day and night conditions?. <i>Neuroscience Letters</i> , 2015, 600, 153-157.	1.0	2
69	[187] PORTAL HYPERTENSION CONTRIBUTES TO SPATIAL REFERENCE MEMORY DEFICIT IN THE RAT. <i>Journal of Hepatology</i> , 2007, 46, S79-S80.	1.8	1
70	Prehepatic portal hypertension worsens the enterohepatic redox balance in thioacetamide-cirrhotic rats. <i>Pathophysiology</i> , 2008, 15, 233-242.	1.0	1
71	Two Interventions to Improve Knowledge of Scientific and Dissemination Articles in First-Year University Students. <i>International Journal of Educational Psychology</i> , 2021, 10, 172.	0.2	1
72	Repetitive transcranial magnetic stimulation during a spatial memory task leads to a decrease in brain metabolic activity. <i>Brain Research</i> , 2021, 1769, 147610.	1.1	1

#	ARTICLE	IF	CITATIONS
73	Egocentric and allocentric spatial memory in young children: A comparison with young adults. <i>Infant and Child Development</i> , 2021, 30, e2216.	0.9	1
74	The swimming control group in spatial reference memory task: analysis of its motor cortex activity. <i>Archives Italiennes De Biologie</i> , 2020, 158, 45-55.	0.1	1
75	Neuropsychological Development and New Criteria for Extrauterine Growth Restriction in Very Low-Birth-Weight Children. <i>Children</i> , 2021, 8, 955.	0.6	1
76	Performance on Daily Life Activities and Executive Functioning in Parkinson Disease. <i>Topics in Geriatric Rehabilitation</i> , 2020, 36, 252-259.	0.2	1
77	Characterizing Minimal Hepatic Encephalopathy: Inflammation, Metabolism and Morphophysiological Effects. <i>Journal of Hepatology</i> , 2016, 64, S450.	1.8	0
78	Evaluation of Visuospatial Short-term and Working Memory from the First to Second Year of Life: A Novel Task. <i>Developmental Neuropsychology</i> , 2021, 46, 16-32.	1.0	0