Magdalena MÃ©ndez LÃ³pez

List of Publications by Year
in descending order

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52	696	516710 16	642732 23
papers	citations	h-index	g-index

52	52	52	672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial memory alterations in three models of hepatic encephalopathy. Behavioural Brain Research, 2008, 188, 32-40.	2.2	50
2	Adult social isolation leads to anxiety and spatial memory impairment: Brain activity pattern of COx and c-Fos. Behavioural Brain Research, 2019, 365, 170-177.	2.2	45
3	Augmented Reality for the Assessment of Children's Spatial Memory in Real Settings. PLoS ONE, 2014, 9, e113751.	2.5	40
4	Spatial working memory learning in young male and female rats: Involvement of different limbic system regions revealed by cytochrome oxidase activity. Neuroscience Research, 2009, 65, 28-34.	1.9	36
5	Sexually dimorphic c-Fos expression following spatial working memory in young and adult rats. Physiology and Behavior, 2009, 98, 307-317.	2.1	29
6	Associative learning deficit in two experimental models of hepatic encephalopathy. Behavioural Brain Research, 2009, 198, 346-351.	2.2	28
7	Spatial working memory in Wistar rats: Brain sex differences in metabolic activity. Brain Research Bulletin, 2009, 79, 187-192.	3.0	24
8	A Virtual Object-Location Task for Children: Gender and Videogame Experience Influence Navigation; Age Impacts Memory and Completion Time. Frontiers in Psychology, 2018, 9, 451.	2.1	24
9	Working memory impairment and reduced hippocampal and prefrontal cortex c-Fos expression in a rat model of cirrhosis. Physiology and Behavior, 2008, 95, 302-307.	2.1	22
10	Acetylcholinesterase activity in an experimental rat model of Type C hepatic encephalopathy. Acta Histochemica, 2011, 113, 358-362.	1.8	21
11	Visual working memory in deaf children with diverse communication modes: Improvement by differential outcomes. Research in Developmental Disabilities, 2012, 33, 362-368.	2.2	21
12	MnemoCity Task: Assessment of Childrens Spatial Memory Using Stereoscopy and Virtual Environments. PLoS ONE, 2016, 11, e0161858.	2.5	21
13	Similarities and differences between the brain networks underlying allocentric and egocentric spatial learning in rat revealed by cytochrome oxidase histochemistry. Neuroscience, 2012, 223, 174-182.	2.3	20
14	Augmented Reality Based on SLAM to Assess Spatial Short-Term Memory. IEEE Access, 2019, 7, 2453-2466.	4.2	19
15	Basal and learning task-related brain oxidative metabolism in cirrhotic rats. Brain Research Bulletin, 2009, 78, 195-201.	3.0	18
16	Spatial learningâ€related changes in metabolic activity of limbic structures at different posttask delays. Journal of Neuroscience Research, 2013, 91, 151-159.	2.9	18
17	Mammillary body alterations and spatial memory impairment in Wistar rats with thioacetamide-induced cirrhosis. Brain Research, 2008, 1233, 185-195.	2.2	17
18	Partial Portal Vein Ligation Plus Thioacetamide: A Method to Obtain a New Model of Cirrhosis and Chronic Portal Hypertension in the Rat. Journal of Gastrointestinal Surgery, 2007, 11, 187-194.	1.7	16

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19	Reduced cytochrome oxidase activity in the retrosplenial cortex after lesions to the anterior thalamic nuclei. Behavioural Brain Research, 2013, 250, 264-273.	2.2	16
20	Unilateral hippocampal blockade reveals that one hippocampus is sufficient for learning a passive avoidance task. Journal of Neuroscience Research, 2007, 85, 1138-1142.	2.9	15
21	Memory for Object Location in Augmented Reality: The Role of Gender and the Relationship Among Spatial and Anxiety Outcomes. Frontiers in Human Neuroscience, 2019, 13, 113.	2.0	15
22	Evaluation of an Augmented Reality Application for Learning Neuroanatomy in Psychology. Anatomical Sciences Education, 2022, 15, 535-551.	3.7	15
23	Hippocampal heterogeneity in spatial memory revealed by cytochrome oxidase. Neuroscience Letters, 2009, 452, 162-166.	2.1	13
24	Spatial short-term memory in rats: Effects of learning trials on metabolic activity of limbic structures. Neuroscience Letters, 2010, 483, 32-35.	2.1	13
25	Portosystemic hepatic encephalopathy model shows reversal learning impairment and dysfunction of neural activity in the prefrontal cortex and regions involved in motivated behavior. Journal of Clinical Neuroscience, 2011, 18, 690-694.	1.5	13
26	Assessment of the global intelligence and selective cognitive capacities in preterm 8-year-old children. Psicothema, 2010, 22, 648-53.	0.9	13
27	Effects of a high protein diet on cognition and brain metabolism in cirrhotic rats. Physiology and Behavior, 2015, 149, 220-228.	2.1	12
28	Using a Virtual Maze Task to Assess Spatial Short-term Memory in Adults. , 2017, , .		12
29	Functional near-infrared spectroscopy in the neuropsychological assessment of spatial memory: A systematic review. Acta Psychologica, 2022, 224, 103525.	1.5	11
30	Interhippocampal transfer in passive avoidance task modifies metabolic activity in limbic structures. Hippocampus, 2011, 21, 48-55.	1.9	10
31	A 3D Serious Game for Dental Learning in Higher Education. , 2017, , .		10
32	Learning in the navigational space: Age differences in a short-term memory for objects task. Learning and Individual Differences, 2016, 50, 11-22.	2.7	9
33	SLAM-based augmented reality for the assessment of short-term spatial memory. A comparative study of visual versus tactile stimuli. PLoS ONE, 2021, 16, e0245976.	2.5	9
34	Wayfinding Strategy and Gender â€“ Testing the Mediating Effects of Wayfinding Experience, Personality and Emotions . Psychology Research and Behavior Management, 2020, Volume 13, 119-131.	2.8	7
35	Memory performance and scopolamine: Hypoactivity of the thalamus revealed by cytochrome oxidase histochemistry. Acta Histochemica, 2011, 113, 465-471.	1.8	6
36	Psychometric properties of the d2 selective attention test in a sample of premature and born-at-term babies. Psicothema, 2007, 19, 706-10.	0.9	6

#	Article	IF	Citations
37	Reversal learning impairment and alterations in the prefrontal cortex and the hippocampus in a model of portosystemic hepatic encephalopathy. Acta Neurologica Belgica, 2010, 110, 246-54.	1.1	5
38	Could People with Stereo-Deficiencies Have a Rich 3D Experience Using HMDs?. Lecture Notes in Computer Science, 2017, , 97-116.	1.3	4
39	Developing and Evaluating a Game for the Assessment of Spatial Memory Using Auditory Stimuli. IEEE Latin America Transactions, 2019, 17, 1653-1661.	1.6	3
40	A virtual reality photography application to assess spatial memory. Behaviour and Information Technology, 0, , 1-14.	4.0	2
41	[187] PORTAL HYPERTENSION CONTRIBUTES TO SPATIAL REFERENCE MEMORY DEFICIT IN THE RAT. Journal of Hepatology, 2007, 46, S79-S80.	3.7	1
42	Prehepatic portal hypertension worsens the enterohepatic redox balance in thioacetamide-cirrhotic rats. Pathophysiology, 2008, 15, 233-242.	2.2	1
43	Auditory and Spatial Assessment in Inattentive Children Using Smart Devices and Gesture Interaction. , 2017, , .		1
44	Using a Serious Game to Assess Spatial Memory in Children and Adults. Lecture Notes in Computer Science, 2018, , 809-829.	1.3	1
45	Visual vs Auditory Augmented Reality for Indoor Guidance. , 2021, , .		1
46	TRAINING, PRACTICE, AND ASSESSMENT OF STUDENT'S PUBLIC SPEAKING COMPETENCE IN THE GENERAL HEALTH PSYCHOLOGY MASTER. EDULEARN Proceedings, 2017, , .	0.0	1
47	Changes in cytochrome oxidase activity following spatial working memory learning in rats treated with tacrine. Psicothema, 2010, 22, 893-7.	0.9	1
48	A SLAM-based augmented reality app for the assessment of spatial short-term memory using visual and auditory stimuli. Journal on Multimodal User Interfaces, 0, , .	2.9	1
49	Â¿Podemos usar Facebook y Edpuzzle para mejorar competencias relacionadas con la redacciÃ³n de trabajos acadÃ©micos en los alumnos de Magisterio?. , 0, , .		0
50	AN E-LEARNING PROJECT TO FACILITATE THE ELABORATION OF ACADEMIC-SCIENTIFIC WORKS IN HIGHER EDUCATION STUDIES. EDULEARN Proceedings, 2017, , .	0.0	0
51	LESS ANXIOUS AND MORE COMPETENT STUDENTS: USING SHORT VIDEOS IN EDPUZZLE PLATFORM TO IMPROVE ACADEMIC WRITING. , 2020, , .		0
52	Increased cytochrome oxidase activity in adrenal glands of thioacetamide-cirrhotic rats. Neuroendocrinology Letters, 2005, 26, 719-23.	0.2	0