

# Magdalena MÃ©ndez LÃ³pez

## List of Publications by Year in descending order

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52  
papers

696  
citations

516710

16  
h-index

642732

23  
g-index

52  
all docs

52  
docs citations

52  
times ranked

672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of an Augmented Reality Application for Learning Neuroanatomy in Psychology. <i>Anatomical Sciences Education</i> , 2022, 15, 535-551.	3.7	15
2	Functional near-infrared spectroscopy in the neuropsychological assessment of spatial memory: A systematic review. <i>Acta Psychologica</i> , 2022, 224, 103525.	1.5	11
3	SLAM-based augmented reality for the assessment of short-term spatial memory. A comparative study of visual versus tactile stimuli. <i>PLoS ONE</i> , 2021, 16, e0245976.	2.5	9
4	Visual vs Auditory Augmented Reality for Indoor Guidance. , 2021, , .		1
5	&lt;p&gt;Wayfinding Strategy and Gender â€“ Testing the Mediating Effects of Wayfinding Experience, Personality and Emotions&lt;/p&gt;. <i>Psychology Research and Behavior Management</i> , 2020, Volume 13, 119-131.	2.8	7
6	LESS ANXIOUS AND MORE COMPETENT STUDENTS: USING SHORT VIDEOS IN EDPUZZLE PLATFORM TO IMPROVE ACADEMIC WRITING. , 2020, , .		0
7	Memory for Object Location in Augmented Reality: The Role of Gender and the Relationship Among Spatial and Anxiety Outcomes. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 113.	2.0	15
8	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.	2.2	45
9	Developing and Evaluating a Game for the Assessment of Spatial Memory Using Auditory Stimuli. <i>IEEE Latin America Transactions</i> , 2019, 17, 1653-1661.	1.6	3
10	Augmented Reality Based on SLAM to Assess Spatial Short-Term Memory. <i>IEEE Access</i> , 2019, 7, 2453-2466.	4.2	19
11	Using a Serious Game to Assess Spatial Memory in Children and Adults. <i>Lecture Notes in Computer Science</i> , 2018, , 809-829.	1.3	1
12	A Virtual Object-Location Task for Children: Gender and Videogame Experience Influence Navigation; Age Impacts Memory and Completion Time. <i>Frontiers in Psychology</i> , 2018, 9, 451.	2.1	24
13	A 3D Serious Game for Dental Learning in Higher Education. , 2017, , .		10
14	Auditory and Spatial Assessment in Inattentive Children Using Smart Devices and Gesture Interaction. , 2017, , .		1
15	Could People with Stereo-Deficiencies Have a Rich 3D Experience Using HMDs?. <i>Lecture Notes in Computer Science</i> , 2017, , 97-116.	1.3	4
16	Using a Virtual Maze Task to Assess Spatial Short-term Memory in Adults. , 2017, , .		12
17	AN E-LEARNING PROJECT TO FACILITATE THE ELABORATION OF ACADEMIC-SCIENTIFIC WORKS IN HIGHER EDUCATION STUDIES. <i>EDULEARN Proceedings</i> , 2017, , .	0.0	0
18	TRAINING, PRACTICE, AND ASSESSMENT OF STUDENT'S PUBLIC SPEAKING COMPETENCE IN THE GENERAL HEALTH PSYCHOLOGY MASTER. <i>EDULEARN Proceedings</i> , 2017, , .	0.0	1

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19	Learning in the navigational space: Age differences in a short-term memory for objects task. <i>Learning and Individual Differences</i> , 2016, 50, 11-22.	2.7	9
20	MnemoCity Task: Assessment of Childrens Spatial Memory Using Stereoscopy and Virtual Environments. <i>PLoS ONE</i> , 2016, 11, e0161858.	2.5	21
21	Effects of a high protein diet on cognition and brain metabolism in cirrhotic rats. <i>Physiology and Behavior</i> , 2015, 149, 220-228.	2.1	12
22	Augmented Reality for the Assessment of Children's Spatial Memory in Real Settings. <i>PLoS ONE</i> , 2014, 9, e113751.	2.5	40
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.	2.9	18
24	Reduced cytochrome oxidase activity in the retrosplenial cortex after lesions to the anterior thalamic nuclei. <i>Behavioural Brain Research</i> , 2013, 250, 264-273.	2.2	16
25	Visual working memory in deaf children with diverse communication modes: Improvement by differential outcomes. <i>Research in Developmental Disabilities</i> , 2012, 33, 362-368.	2.2	21
26	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.	2.3	20
27	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.	1.5	13
28	Acetylcholinesterase activity in an experimental rat model of Type C hepatic encephalopathy. <i>Acta Histochemica</i> , 2011, 113, 358-362.	1.8	21
29	Memory performance and scopolamine: Hypoactivity of the thalamus revealed by cytochrome oxidase histochemistry. <i>Acta Histochemica</i> , 2011, 113, 465-471.	1.8	6
30	Interhippocampal transfer in passive avoidance task modifies metabolic activity in limbic structures. <i>Hippocampus</i> , 2011, 21, 48-55.	1.9	10
31	Spatial short-term memory in rats: Effects of learning trials on metabolic activity of limbic structures. <i>Neuroscience Letters</i> , 2010, 483, 32-35.	2.1	13
32	Assessment of the global intelligence and selective cognitive capacities in preterm 8-year-old children. <i>Psicothema</i> , 2010, 22, 648-53.	0.9	13
33	Changes in cytochrome oxidase activity following spatial working memory learning in rats treated with tacrine. <i>Psicothema</i> , 2010, 22, 893-7.	0.9	1
34	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.	1.1	5
35	Basal and learning task-related brain oxidative metabolism in cirrhotic rats. <i>Brain Research Bulletin</i> , 2009, 78, 195-201.	3.0	18
36	Spatial working memory in Wistar rats: Brain sex differences in metabolic activity. <i>Brain Research Bulletin</i> , 2009, 79, 187-192.	3.0	24

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37	Associative learning deficit in two experimental models of hepatic encephalopathy. Behavioural Brain Research, 2009, 198, 346-351.	2.2	28
38	Sexually dimorphic c-Fos expression following spatial working memory in young and adult rats. Physiology and Behavior, 2009, 98, 307-317.	2.1	29
39	Hippocampal heterogeneity in spatial memory revealed by cytochrome oxidase. Neuroscience Letters, 2009, 452, 162-166.	2.1	13
40	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
41	Mammillary body alterations and spatial memory impairment in Wistar rats with thioacetamide-induced cirrhosis. Brain Research, 2008, 1233, 185-195.	2.2	17
42	Prehepatic portal hypertension worsens the enterohepatic redox balance in thioacetamide-cirrhotic rats. Pathophysiology, 2008, 15, 233-242.	2.2	1
43	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
44	Spatial memory alterations in three models of hepatic encephalopathy. Behavioural Brain Research, 2008, 188, 32-40.	2.2	50
45	[187] PORTAL HYPERTENSION CONTRIBUTES TO SPATIAL REFERENCE MEMORY DEFICIT IN THE RAT. Journal of Hepatology, 2007, 46, S79-S80.	3.7	1
46	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
47	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
48	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
49	Increased cytochrome oxidase activity in adrenal glands of thioacetamide-cirrhotic rats. Neuroendocrinology Letters, 2005, 26, 719-23.	0.2	0
50	¿Podemos usar Facebook y Edpuzzle para mejorar competencias relacionadas con la redacciÃ³n de trabajos acadÃ©micos en los alumnos de Magisterio?. , 0, , .		0
51	A virtual reality photography application to assess spatial memory. Behaviour and Information Technology, 0, , 1-14.	4.0	2
52	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