

# JosÃ© Manuel Cimadevilla Redondo

## List of Publications by Year in descending order

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53  
papers

1,420  
citations

331259

21  
h-index

344852

36  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inactivating one hippocampus impairs avoidance of a stable room-defined place during dissociation of arena cues from room cues by rotation of the arena. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3531-3536.	3.3	152
2	Specific spatial learning deficits become severe with age in $\beta$ -amyloid precursor protein transgenic mice that harbor diffuse $\beta$ -amyloid deposits but do not form plaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 14675-14680.	3.3	151
3	Passive and active place avoidance as a tool of spatial memory research in rats. <i>Journal of Neuroscience Methods</i> , 2000, 102, 155-164.	1.3	82
4	Functional inactivation of dorsal hippocampus impairs active place avoidance in rats. <i>Neuroscience Letters</i> , 2000, 285, 53-56.	1.0	67
5	A new virtual task to evaluate human place learning. <i>Behavioural Brain Research</i> , 2008, 190, 112-118.	1.2	57
6	Age and gender-related differences in a spatial memory task in humans. <i>Behavioural Brain Research</i> , 2016, 306, 8-12.	1.2	55
7	New spatial cognition tests for mice: Passive place avoidance on stable and active place avoidance on rotating arenas. <i>Brain Research Bulletin</i> , 2001, 54, 559-563.	1.4	53
8	Spatial memory alterations in three models of hepatic encephalopathy. <i>Behavioural Brain Research</i> , 2008, 188, 32-40.	1.2	50
9	Developmental gender differences in children in a virtual spatial memory task. <i>Neuropsychology</i> , 2014, 28, 485-495.	1.0	47
10	Spatial navigation impairment in patients with refractory temporal lobe epilepsy: Evidence from a new virtual reality-based task. <i>Epilepsy and Behavior</i> , 2011, 22, 364-369.	0.9	44
11	Influence of gonadal steroids on the glial fibrillary acidic protein-immunoreactive astrocyte population in young rat hippocampus. <i>Journal of Neuroscience Research</i> , 2005, 79, 488-494.	1.3	38
12	Sex-related differences in spatial learning during the early postnatal development of the rat. <i>Behavioural Processes</i> , 1999, 46, 159-171.	0.5	37
13	Human sex differences in solving a virtual navigation problem. <i>Behavioural Brain Research</i> , 2016, 308, 236-243.	1.2	34
14	Virtual reality tasks disclose spatial memory alterations in fibromyalgia. <i>Rheumatology</i> , 2009, 48, 1273-1278.	0.9	31
15	Continuous place avoidance task reveals differences in spatial navigation in male and female rats. <i>Behavioural Brain Research</i> , 2000, 107, 161-169.	1.2	29
16	Spatial memory alterations in children with epilepsy of genetic origin or unknown cause. <i>Epileptic Disorders</i> , 2014, 16, 203-207.	0.7	28
17	Effect of Neonatal Dentate Gyrus Lesion on Allothetic and Idiothetic Navigation in Rats. <i>Neurobiology of Learning and Memory</i> , 2001, 75, 190-213.	1.0	23
18	Partial unilateral inactivation of the dorsal hippocampus impairs spatial memory in the MWM. <i>Cognitive Brain Research</i> , 2005, 25, 741-746.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Effect of reference frames and number of cues available on the spatial orientation of males and females in a virtual memory task. <i>Behavioural Brain Research</i> , 2011, 216, 116-121.	1.2	21
20	Acute and chronic ethanol intake: Effects on spatial and non-spatial memory in rats. <i>Alcohol</i> , 2012, 46, 757-762.	0.8	21
21	Hippocampal Inactivation with TTX Impairs Long-Term Spatial Memory Retrieval and Modifies Brain Metabolic Activity. <i>PLoS ONE</i> , 2013, 8, e64749.	1.1	21
22	Transient sex differences in the between-sessions but not in the within-session memory underlying an active place avoidance task in weanling rats.. <i>Behavioral Neuroscience</i> , 2001, 115, 695-703.	0.6	19
23	Almeria spatial memory recognition test (ASMRT): Gender differences emerged in a new passive spatial task. <i>Neuroscience Letters</i> , 2017, 651, 188-191.	1.0	19
24	Differential Susceptibility to the Impact of the COVID-19 Pandemic on Working Memory, Empathy, and Perceived Stress: The Role of Cortisol and Resilience. <i>Brain Sciences</i> , 2021, 11, 348.	1.1	19
25	Changes of cytochrome oxidase activity in rat suprachiasmatic nucleus. <i>Brain Research</i> , 1997, 769, 367-371.	1.1	18
26	Virtual reality assessment of walking and non-walking space in men and women with virtual reality-based tasks. <i>PLoS ONE</i> , 2018, 13, e0204995.	1.1	18
27	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
28	Spatial recognition memory in a virtual reality task is altered in refractory temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013, 28, 227-231.	0.9	15
29	Walking and non-walking space in an equivalent virtual reality task: Sexual dimorphism and aging decline of spatial abilities. <i>Behavioural Brain Research</i> , 2018, 347, 201-208.	1.2	15
30	Viewpoint-related gender differences in a spatial recognition task. <i>Learning and Individual Differences</i> , 2016, 50, 270-274.	1.5	14
31	Allocentric Spatial Memory Performance in a Virtual Reality-Based Task is Conditioned by Visuospatial Working Memory Capacity. <i>Brain Sciences</i> , 2020, 10, 552.	1.1	14
32	Shall We Dance? Dancing Modulates Executive Functions and Spatial Memory. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1960.	1.2	14
33	Hippocampal heterogeneity in spatial memory revealed by cytochrome oxidase. <i>Neuroscience Letters</i> , 2009, 452, 162-166.	1.0	13
34	A virtual-based task to assess place avoidance in humans. <i>Journal of Neuroscience Methods</i> , 2011, 196, 45-50.	1.3	13
35	Spatial skills. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020, 175, 65-79.	1.0	13
36	Practice of Aerobic Sports is Associated with Better Spatial Memory in Adults and Older Men. <i>Experimental Aging Research</i> , 2015, 41, 193-203.	0.6	12

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37	Sex Differences in Spatial Memory: Comparison of Three Tasks Using the Same Virtual Context. <i>Brain Sciences</i> , 2021, 11, 757.	1.1	11
38	Cytochrome Oxidase Activity of the Suprachiasmatic Nucleus and Pineal Gland in Rats with Portacaval Shunt. <i>Experimental Neurology</i> , 2002, 173, 275-282.	2.0	10
39	Interhippocampal transfer in passive avoidance task modifies metabolic activity in limbic structures. <i>Hippocampus</i> , 2011, 21, 48-55.	0.9	10
40	Ten years younger: Practice of chronic aerobic exercise improves attention and spatial memory functions in ageing. <i>Experimental Gerontology</i> , 2019, 117, 53-60.	1.2	10
41	Diurnal locomotor activity and oxidative metabolism of the suprachiasmatic nucleus in two models of hepatic insufficiency. <i>Journal of the Neurological Sciences</i> , 2003, 212, 93-97.	0.3	8
42	Different vulnerability in female's spatial behaviour after unilateral hippocampal inactivation. <i>Neuroscience Letters</i> , 2008, 439, 89-93.	1.0	8
43	Bilateral and Unilateral Hippocampal Inactivation Did not Differ in their Effect on Consolidation Processes in the Morris Water Maze. <i>International Journal of Neuroscience</i> , 2008, 118, 619-626.	0.8	8
44	Spatial Recognition Memory: Differential Brain Strategic Activation According to Sex. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 736778.	1.0	8
45	Sexual orientation and spatial memory. <i>Psicothema</i> , 2011, 23, 752-8.	0.7	8
46	High and low schizotypal female subjects do not differ in spatial memory abilities in a virtual reality task. <i>Cognitive Neuropsychiatry</i> , 2014, 19, 427-438.	0.7	7
47	The Role of Gender and Familiarity in a Modified Version of the Almeria Boxes Room Spatial Task. <i>Brain Sciences</i> , 2021, 11, 681.	1.1	5
48	Age-related differences in the elderly in a spatial recognition task. <i>Memory</i> , 2019, 27, 1415-1422.	0.9	4
49	Lidocaine, tetrodotoxin and their effect on consolidation of spatial memory. <i>Psicothema</i> , 2009, 21, 471-4.	0.7	3
50	Ageing: working memory capacity and spatial strategies in a virtual orientation task. <i>GeroScience</i> , 2023, 45, 159-175.	2.1	3
51	Cultural Adaptation, Validation, and Psychometric Description of the Pictorial Empathy Test (PET) in the Spanish Population. <i>European Journal of Psychological Assessment</i> , 2023, 39, 141-152.	1.7	1
52	P02.284 Transgenic mice overexpressing brain human amyloid precursor protein show an age-dependent cognitive impairment in the morris water maze. <i>European Psychiatry</i> , 2000, 15, 398s-398s.	0.1	0
53	Pre-pandemic Psychobiological Features Predict Impact of COVID-19 Confinement on Loneliness. <i>Frontiers in Psychology</i> , 2022, 13, 874232.	1.1	0