

# Juan Luis Higuera-Trujillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8076621/publications.pdf>

Version: 2024-02-01

18  
papers

672  
citations

1039880

9  
h-index

996849

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Affective computing in virtual reality: emotion recognition from brain and heartbeat dynamics using wearable sensors. <i>Scientific Reports</i> , 2018, 8, 13657.	1.6	252
2	Psychological and physiological human responses to simulated and real environments: A comparison between Photographs, 360° Panoramas, and Virtual Reality. <i>Applied Ergonomics</i> , 2017, 65, 398-409.	1.7	180
3	Real vs. immersive-virtual emotional experience: Analysis of psycho-physiological patterns in a free exploration of an art museum. <i>PLoS ONE</i> , 2019, 14, e0223881.	1.1	53
4	The Cognitive-Emotional Design and Study of Architectural Space: A Scoping Review of Neuroarchitecture and Its Precursor Approaches. <i>Sensors</i> , 2021, 21, 2193.	2.1	46
5	Cold and warm coloured classrooms. Effects on students' attention and memory measured through psychological and neurophysiological responses. <i>Building and Environment</i> , 2021, 196, 107726.	3.0	29
6	Multisensory stress reduction: a neuro-architecture study of paediatric waiting rooms. <i>Building Research and Information</i> , 2020, 48, 269-285.	2.0	28
7	Navigation Comparison between a Real and a Virtual Museum: Time-dependent Differences using a Head Mounted Display. <i>Interacting With Computers</i> , 2019, 31, 208-220.	1.0	27
8	Do Attention and Memory Tasks Require the Same Lighting? A Study in University Classrooms. <i>Sustainability</i> , 2021, 13, 8374.	1.6	14
9	Improving the Pedestrian's Perceptions of Safety on Street Crossings. Psychological and Neurophysiological Effects of Traffic Lanes, Artificial Lighting, and Vegetation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8576.	1.2	12
10	Heart rate variability analysis for the assessment of immersive emotional arousal using virtual reality: Comparing real and virtual scenarios. <i>PLoS ONE</i> , 2021, 16, e0254098.	1.1	12
11	The influence of classroom width on attention and memory: virtual-reality-based task performance and neurophysiological effects. <i>Building Research and Information</i> , 2021, 49, 813-826.	2.0	6
12	The impact of the design of learning spaces on attention and memory from a neuroarchitectural approach: A systematic review. <i>Frontiers of Architectural Research</i> , 2022, 11, 542-560.	1.3	5
13	Effects of Classroom Design on the Memory of University Students: From a Gender Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9391.	1.2	3
14	El espacio digital: comparativa de las últimas técnicas de visualización arquitectónica. <i>EGA Revista De Expresion Grafica Arquitectonica</i> , 2017, 22, 102.	0.1	3
15	Emotional maps: neuro architecture and design applications. , 0, , .		1
16	Optimization of the Cognitive Processes in a Virtual Classroom: A Multi-objective Integer Linear Programming Approach. <i>Mathematics</i> , 2022, 10, 1184.	1.1	1
17	TAKE A SEAT. THE INFLUENCE OF DISTANCE TO THE BLACKBOARD ON ATTENTION AND MEMORY PERFORMANCE. <i>INTED Proceedings</i> , 2021, , .	0.0	0
18	THE RELATIONSHIP BETWEEN MOTIVATION AND PERFORMANCE OF UNIVERSITY STUDENTS. <i>INTED Proceedings</i> , 2021, , .	0.0	0