

# Sergio Castaño

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9370173/publications.pdf>

Version: 2024-02-01

15  
papers

239  
citations

1162889

8  
h-index

996849

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytic p38 $\hat{\pm}$ MAPK drives NMDA receptor-dependent long-term depression and modulates long-term memory. <i>Nature Communications</i> , 2019, 10, 2968.	5.8	66
2	Modelling and experimental analysis of three radioconvective panels for night cooling. <i>Energy and Buildings</i> , 2015, 107, 37-48.	3.1	30
3	Sequential Monte Carlo for on-line parameter estimation of a lumped building energy model. <i>Energy and Buildings</i> , 2019, 187, 86-94.	3.1	29
4	On site characterisation of the overall heat loss coefficient: Comparison of different assessment methods by a blind validation exercise on a round robin test box. <i>Energy and Buildings</i> , 2017, 153, 179-189.	3.1	27
5	Physical parameters identification of walls using ARX models obtained by deduction. <i>Energy and Buildings</i> , 2015, 108, 317-329.	3.1	24
6	An experimental methodology to assess the climate impact on the energy performance of buildings: A ten-year evaluation in temperate and cold desert areas. <i>Applied Energy</i> , 2020, 264, 114730.	5.1	16
7	Similarities between the Effects of Prenatal Chlorpyrifos and Valproic Acid on Ultrasonic Vocalization in Infant Wistar Rats. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6376.	1.2	12
8	Transcranial direct current stimulation improves visual acuity in amblyopic Long-Evans rats. <i>Brain Research</i> , 2017, 1657, 340-346.	1.1	10
9	tDCS recovers depth perception in adult amblyopic rats and reorganizes visual cortex activity. <i>Behavioural Brain Research</i> , 2019, 370, 111941.	1.2	8
10	Transcranial direct-current stimulation (tDCS) improves detection of simple bright stimuli by amblyopic Long Evans rats in the SLAG task and produces an increase of parvoalbumin labelled cells in visual cortices. <i>Brain Research</i> , 2019, 1704, 94-102.	1.1	5
11	Data-Based RC Dynamic Modelling to Assessing the In-Situ Thermal Performance of Buildings. Analysis of Several Key Aspects in a Simplified Reference Case toward the Application at On-Board Monitoring Level. <i>Energies</i> , 2020, 13, 4800.	1.6	5
12	Impact of Learning in the COVID-19 Era on Academic Outcomes of Undergraduate Psychology Students. <i>Sustainability</i> , 2021, 13, 8735.	1.6	3
13	Non-Intrusive Measurements to Incorporate the Air Renovations in Dynamic Models Assessing the In-Situ Thermal Performance of Buildings. <i>Energies</i> , 2021, 14, 37.	1.6	2
14	Experimental Energy Performance Assessment of a Simplified Building: Study of Robustness of Different Analysis Approaches under Different Test Conditions. <i>Energy Procedia</i> , 2015, 78, 2328-2333.	1.8	1
15	Application of direct transcranial current as non-invasive therapy in eating disorders: an intervention proposal. <i>MLS Psychology Research</i> , 2020, 3, 79-98.	0.0	1