

# David Marañón García

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6057668/publications.pdf>

Version: 2024-02-01

21  
papers

387  
citations

840119

11  
h-index

940134

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and management of structural deformations through parametric models and HBIM workflow in architectural heritage. <i>Journal of Building Engineering</i> , 2022, 45, 103274.	1.6	29
2	In-situ disinfection of wastes generated in dwellings by utilizing ozone for their safe incorporation into the recycling chain. <i>Waste Management</i> , 2022, 139, 60-69.	3.7	0
3	Distances of transmission risk of COVID-19 inside dwellings and evaluation of the effectiveness of reciprocal proximity warning sounds. <i>Indoor Air</i> , 2021, 31, 335-347.	2.0	8
4	Análisis de la influencia del coeficiente de transferencia de calor en la caracterización de la transmitancia térmica de fachadas con el método termométrico. <i>Informes De La Construcción</i> , 2021, 73, e409.	0.1	1
5	Influence of the Representative Concentration Pathways (RCP) scenarios on the bioclimatic design strategies of the built environment. <i>Sustainable Cities and Society</i> , 2021, 72, 103042.	5.1	17
6	Comparative Exam of Deterioration in Cladded Facades with Cement Mortar. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, 04021044.	1.0	1
7	Potential of applying adaptive strategies in buildings to reduce the severity of fuel poverty according to the climate zone and climate change: The case of Andalusia. <i>Sustainable Cities and Society</i> , 2021, 73, 103088.	5.1	14
8	Climate classification for new and restored buildings in Andalusia: Analysing the current regulation and a new approach based on k-means. <i>Journal of Building Engineering</i> , 2021, 43, 102829.	1.6	13
9	Validation of Close-Range Photogrammetry for Architectural and Archaeological Heritage: Analysis of Point Density and 3D Mesh Geometry. <i>Remote Sensing</i> , 2020, 12, 3571.	1.8	38
10	Methodology to determine the adequacy of indoor enclosures to use infrared thermography cameras and their application to medical emergency services. <i>Infrared Physics and Technology</i> , 2020, 106, 103261.	1.3	0
11	A Comparative Analysis of the International Regulation of Thermal Properties in Building Envelope. <i>Sustainability</i> , 2019, 11, 5574.	1.6	30
12	Review of in situ methods for assessing the thermal transmittance of walls. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 102, 356-371.	8.2	86
13	Influence of ICHTC correlations on the thermal characterization of façades using the quantitative internal infrared thermography method. <i>Building and Environment</i> , 2019, 149, 512-525.	3.0	22
14	Applying an artificial neural network to assess thermal transmittance in walls by means of the thermometric method. <i>Applied Energy</i> , 2019, 233-234, 1-14.	5.1	45
15	Comparison of quantitative IRT to estimate U-value using different approximations of ECHTC in multi-leaf walls. <i>Energy and Buildings</i> , 2019, 184, 99-113.	3.1	15
16	Estudio comparativo de los métodos para evaluar la transmitancia térmica en cerramientos opacos en el invierno mediterráneo. <i>Informes De La Construcción</i> , 2019, 71, 288.	0.1	4
17	PREDICTION OF THE MAINTENANCE PERFORMANCE COST IN DWELLINGS AND BUILDING SITES LOCATED IN SPAIN USING MULTILAYER PERCEPTRONS. <i>Dyna (Spain)</i> , 2019, 94, 530-538.	0.1	0
18	Determining the U-Value of Façades Using the Thermometric Method: Potentials and Limitations. <i>Energies</i> , 2018, 11, 360.	1.6	55

#	ARTICLE	IF	CITATIONS
19	Threshold Values for Energy Loss in Building Façades Using Infrared Thermography. , 2017, , 427-437.		1
20	Modelo automatizado de tipificación de daños materiales por vicios o defectos que afecten a elementos de terminación y acabado en edificación. Informes De La Construcción, 2017, 69, 182.	0.1	2
21	A GEOMETRICAL SIMILARITY PATTERN AS AN EXPERIMENTAL MODEL FOR SHAPES IN ARCHITECTURAL HERITAGE: A CASE STUDY OF THE BASE OF THE PILLARS IN THE CATHEDRAL OF SEVILLE AND THE CHURCH OF SANTIAGO IN JEREZ, SPAIN. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0. XLII-2/W3, 511-517.	0.2	5