

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	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
2	Determining the U-Value of Façades Using the Thermometric Method: Potentials and Limitations. <i>Energies</i> , 2018, 11, 360.	1.6	55
3	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
4	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
5	A Comparative Analysis of the International Regulation of Thermal Properties in Building Envelope. <i>Sustainability</i> , 2019, 11, 5574.	1.6	30
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-2/W3, 511-517.	0.2	5
14	Estudio comparativo de los métodos para evaluar la transmitancia térmica en cerramientos opacos en el invierno mediterráneo. <i>Informes De La Construccion</i> , 2019, 71, 288.	0.1	4
15	Modelo automatizado de tipificación de daños materiales por vicios o defectos que afectan a elementos de terminación y acabado en edificación. <i>Informes De La Construccion</i> , 2017, 69, 182.	0.1	2
16	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 Construccion</i> , 2021, 73, e409.	0.1	1
17	Comparative Exam of Deterioration in Cladded Facades with Cement Mortar. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, 04021044.	1.0	1
18	Threshold Values for Energy Loss in Building Façades Using Infrared Thermography. , 2017, , 427-437.		1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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