

Sandra M Silva

List of Publications by Year in descending order

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16
papers

405
citations

1051969

10
h-index

1255698

13
g-index

16
all docs

16
docs citations

16
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise reduction performance of a low energy facade-integrated mechanical ventilator. <i>Building Acoustics</i> , 2021, 28, 119-139.	1.1	0
2	The Potential of the Reed as a Regenerative Building Material – Characterisation of Its Durability, Physical, and Thermal Performances. <i>Energies</i> , 2021, 14, 4276.	1.6	11
3	A review of the thermal and acoustic properties of materials for timber building construction. <i>Journal of Building Engineering</i> , 2021, 43, 103066.	1.6	22
4	Analysis of the Thermal Performance and Comfort Conditions of Vernacular Rammed Earth Architecture From Southern Portugal. , 2020, , 1-10.		3
5	Thermal Performance and Comfort Conditions Analysis of a Vernacular Palafitic Timber Building in Portuguese Coastline Context. <i>Sustainability</i> , 2020, 12, 10484.	1.6	4
6	Mechanical and Thermal Performance Characterisation of Compressed Earth Blocks. <i>Energies</i> , 2020, 13, 2978.	1.6	35
7	Thermal Performance and Comfort Condition Analysis in a Vernacular Building with a Glazed Balcony. <i>Energies</i> , 2020, 13, 624.	1.6	20
8	Passive strategies used in Southern Portugal vernacular rammed earth buildings and their influence in thermal performance. <i>Renewable Energy</i> , 2019, 142, 345-363.	4.3	52
9	Environmental and cost life cycle analysis of the impact of using solar systems in energy renovation of Southern European single-family buildings. <i>Renewable Energy</i> , 2019, 137, 82-92.	4.3	35
10	Contribution of the solar systems to the nZEB and ZEB design concept in Portugal – Energy, economics and environmental life cycle analysis. <i>Solar Energy Materials and Solar Cells</i> , 2016, 156, 59-74.	3.0	38
11	Comparing cost-optimal and net-zero energy targets in building retrofit. <i>Building Research and Information</i> , 2016, 44, 188-201.	2.0	63
12	Contribution of Portuguese Vernacular Building Strategies to Indoor Thermal Comfort and Occupants' Perception. <i>Buildings</i> , 2015, 5, 1242-1264.	1.4	40
13	Review and perspectives on Life Cycle Analysis of solar technologies with emphasis on building-integrated solar thermal systems. <i>Renewable Energy</i> , 2015, 75, 833-846.	4.3	56
14	FRP-to-Masonry Bond Durability Assessment with Infrared Thermography Method. <i>Journal of Nondestructive Evaluation</i> , 2014, 33, 427-437.	1.1	17
15	Operative Conditions Evaluation for Efficient Building Retrofit – A Case Study. <i>Indoor and Built Environment</i> , 2013, 22, 724-742.	1.5	9
16	Using a Multi-Criteria Analysis to Select Design Alternatives Aiming the Energy Efficiency and IEQ. , 2010, , .		0