

Sandra M Silva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

248
citations

9
h-index

15
g-index

16
ext. papers

313
ext. citations

4.3
avg, IF

3.61
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 15 | Noise reduction performance of a low energy façade-integrated mechanical ventilator. <i>Building Acoustics</i> , 2021 , 28, 119-139 | 1 | |
| 14 | The Potential of the Reed as a Regenerative Building Material: Characterisation of Its Durability, Physical, and Thermal Performances. <i>Energies</i> , 2021 , 14, 4276 | 3.1 | 1 |
| 13 | A review of the thermal and acoustic properties of materials for timber building construction. <i>Journal of Building Engineering</i> , 2021 , 43, 103066 | 5.2 | 9 |
| 12 | Thermal Performance and Comfort Conditions Analysis of a Vernacular Palafitic Timber Building in Portuguese Coastline Context. <i>Sustainability</i> , 2020 , 12, 10484 | 3.6 | 2 |
| 11 | Mechanical and Thermal Performance Characterisation of Compressed Earth Blocks. <i>Energies</i> , 2020 , 13, 2978 | 3.1 | 13 |
| 10 | Thermal Performance and Comfort Condition Analysis in a Vernacular Building with a Glazed Balcony. <i>Energies</i> , 2020 , 13, 624 | 3.1 | 6 |
| 9 | Analysis of the Thermal Performance and Comfort Conditions of Vernacular Rammed Earth Architecture From Southern Portugal 2020 , 1-10 | | 1 |
| 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 | 8.1 | 25 |
| 7 | 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 | 8.1 | 27 |
| 6 | Comparing cost-optimal and net-zero energy targets in building retrofit. <i>Building Research and Information</i> , 2016 , 44, 188-201 | 4.3 | 49 |
| 5 | 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 | 6.4 | 25 |
| 4 | 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 | 8.1 | 40 |
| 3 | Contribution of Portuguese Vernacular Building Strategies to Indoor Thermal Comfort and Occupants' Perception. <i>Buildings</i> , 2015 , 5, 1242-1264 | 3.2 | 25 |
| 2 | FRP-to-Masonry Bond Durability Assessment with Infrared Thermography Method. <i>Journal of Nondestructive Evaluation</i> , 2014 , 33, 427-437 | 2.1 | 17 |
| 1 | Operative Conditions Evaluation for Efficient Building Retrofit: A Case Study. <i>Indoor and Built Environment</i> , 2013 , 22, 724-742 | 1.8 | 8 |