

Jesus Lizana

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,051
citations

471509

17
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1239
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive action strategies in schools: A scientific mapping towards eco-efficiency in educational buildings. <i>Journal of Building Engineering</i> , 2022, 45, 103598.	3.4	7
2	Integrating courtyard microclimate in building performance to mitigate extreme urban heat impacts. <i>Sustainable Cities and Society</i> , 2022, 78, 103590.	10.4	15
3	Outdoor Microclimate Influence on Building Performance: Simulation Tools, Challenges, and Opportunities. <i>Lecture Notes in Civil Engineering</i> , 2022, , 103-121.	0.4	2
4	Monitoring and analytics to measure heat resilience of buildings and support retrofitting by passive cooling. <i>Journal of Building Engineering</i> , 2022, 57, 104985.	3.4	5
5	A methodology to empower citizens towards a low-carbon economy. The potential of schools and sustainability indicators. <i>Journal of Environmental Management</i> , 2021, 284, 112043.	7.8	14
6	Natural ventilation in classrooms for healthy schools in the COVID era in Mediterranean climate. <i>Building and Environment</i> , 2021, 206, 108345.	6.9	41
7	Advanced parametrisation of phase change materials through kinetic approach. <i>Journal of Energy Storage</i> , 2021, 44, 103441.	8.1	7
8	Identification of potential indoor air pollutants in schools. <i>Journal of Cleaner Production</i> , 2020, 242, 118420.	9.3	82
9	Contribution of indoor microenvironments to the daily inhaled dose of air pollutants in children. The importance of bedrooms. <i>Building and Environment</i> , 2020, 183, 107188.	6.9	20
10	Advanced lightweight steel floor towards high sound insulation and fire resistance. <i>Journal of Constructional Steel Research</i> , 2020, 169, 106023.	3.9	2
11	Indoor environmental quality in social housing with elderly occupants in Spain: Measurement results and retrofit opportunities. <i>Journal of Building Engineering</i> , 2020, 30, 101264.	3.4	28
12	Integration of solar latent heat storage towards optimal small-scale combined heat and power generation by Organic Rankine Cycle. <i>Journal of Energy Storage</i> , 2020, 29, 101367.	8.1	29
13	Passive cooling through phase change materials in buildings. A critical study of implementation alternatives. <i>Applied Energy</i> , 2019, 254, 113658.	10.1	42
14	Decision-support method for profitable residential energy retrofitting based on energy-related occupant behaviour. <i>Journal of Cleaner Production</i> , 2019, 222, 622-632.	9.3	23
15	Dry carbonate process for CO ₂ capture and storage: Integration with solar thermal power. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1796-1812.	16.4	31
16	Advanced low-carbon energy measures based on thermal energy storage in buildings: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3705-3749.	16.4	104
17	Energy flexible building through smart demand-side management and latent heat storage. <i>Applied Energy</i> , 2018, 230, 471-485.	10.1	95
18	Energy and water consumption and carbon footprint of school buildings in hot climate conditions. Results from life cycle assessment. <i>Journal of Cleaner Production</i> , 2018, 195, 1326-1337.	9.3	50

#	ARTICLE	IF	CITATIONS
19	Energy assessment method towards low-carbon energy schools. Energy, 2018, 159, 310-326.	8.8	39
20	Biomass District Heating Systems Based on Agriculture Residues. Applied Sciences (Switzerland), 2018, 8, 476.	2.5	18
21	Identification of best available thermal energy storage compounds for low-to-moderate temperature storage applications in buildings. Materiales De Construcción, 2018, 68, 160.	0.7	26
22	District heating systems based on low-carbon energy technologies in Mediterranean areas. Energy, 2017, 120, 397-416.	8.8	43
23	Advances in thermal energy storage materials and their applications towards zero energy buildings: A critical review. Applied Energy, 2017, 203, 219-239.	10.1	270
24	Multi-criteria assessment for the effective decision management in residential energy retrofitting. Energy and Buildings, 2016, 129, 284-307.	6.7	58