

Hicham Johra

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.

26 papers	357 citations	8 h-index	18 g-index
35 ext. papers	470 ext. citations	5 avg, IF	4.3 L-index

#	Paper	IF	Citations
26	Impact of network topology on the thermal and mechanical properties of lithium germanate glasses. <i>Journal of the American Ceramic Society</i> , 2022 , 105, 977	3.8	0
25	A niche technique overlooked in the Danish district heating sector? Exploring socio-technical perspectives of short-term thermal energy storage for building energy flexibility. <i>Energy</i> , 2022 , 124075	7.9	0
24	Experimental investigation of convective heat transfer for night ventilation in case of mixing ventilation. <i>Building and Environment</i> , 2021 , 193, 107670	6.5	2
23	Thermal conductivity of densified borosilicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2021 , 557, 120644	3.9	3
22	Experimental investigation of convective heat transfer for night cooling with diffuse ceiling ventilation. <i>Building and Environment</i> , 2021 , 193, 107665	6.5	5
21	Thermal, moisture and mechanical properties of Seacrete: A sustainable sea-grown building material. <i>Construction and Building Materials</i> , 2021 , 266, 121025	6.7	0
20	Using data from smart energy meters to gain knowledge about households connected to the district heating network: A Danish case. <i>Smart Energy</i> , 2021 , 3, 100035		3
19	Simulation and optimization of night cooling with diffuse ceiling ventilation and mixing ventilation in a cold climate. <i>Renewable Energy</i> , 2021 , 179, 488-501	8.1	3
18	Metal-Organic Framework Glasses Possess Higher Thermal Conductivity than Their Crystalline Counterparts. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18893-18903	9.5	21
17	Heat and air transport in differently compacted fibre materials. <i>Journal of Industrial Textiles</i> , 2020 , 1528083-1528088	1.9	0038
16	Heat conduction in oxide glasses: Balancing diffusons and propagons by network rigidity. <i>Applied Physics Letters</i> , 2020 , 117, 031901	3.4	7
15	Modeling PCM Phase Change Temperature and Hysteresis in Ventilation Cooling and Heating Applications. <i>Energies</i> , 2020 , 13, 6455	3.1	4
14	Experimental and numerical study of a PCM solar air heat exchanger and its ventilation preheating effectiveness. <i>Renewable Energy</i> , 2020 , 145, 106-115	8.1	23
13	Numerical investigation of the energy flexibility of different heating and cooling systems. <i>E3S Web of Conferences</i> , 2019 , 111, 06001	0.5	1
12	Energy flexibility of office buildings [Potential of different building types. <i>E3S Web of Conferences</i> , 2019 , 111, 01052	0.5	1
11	Boron anomaly in the thermal conductivity of lithium borate glasses. <i>Physical Review Materials</i> , 2019 , 3,	3.2	7
10	Building energy flexibility: a sensitivity analysis and key performance indicator comparison. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012064	0.3	2

9	Renovation strategies of typical Danish single-family house for optimization of energy efficiency and flexibility. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012182	0.3	
8	User engagement with smart home technology for enabling building energy flexibility in a district heating system. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 352, 012002	0.3	3
7	Influence of envelope, structural thermal mass and indoor content on the building heating energy flexibility. <i>Energy and Buildings</i> , 2019 , 183, 325-339	7	61
6	Integration of a magnetocaloric heat pump in an energy flexible residential building. <i>Renewable Energy</i> , 2019 , 136, 115-126	8.1	21
5	Integration of a magnetocaloric heat pump in a low-energy residential building. <i>Building Simulation</i> , 2018 , 11, 753-763	3.9	6
4	Influence of foaming agents on solid thermal conductivity of foam glasses prepared from CRT panel glass. <i>Journal of Non-Crystalline Solids</i> , 2017 , 465, 59-64	3.9	21
3	Influence of internal thermal mass on the indoor thermal dynamics and integration of phase change materials in furniture for building energy storage: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 69, 19-32	16.2	77
2	Solar shading control strategy for office buildings in cold climate. <i>Energy and Buildings</i> , 2016 , 118, 316-328	7.8	44
1	Verification of simple illuminance based measures for indication of discomfort glare from windows. <i>Building and Environment</i> , 2015 , 92, 615-626	6.5	40