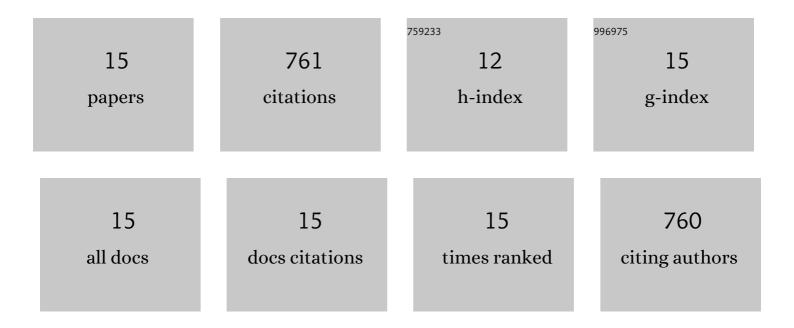
Gilles Fraisse

List of Publications by Year in descending order

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CILLES EDAISSE

#	Article	IF	CITATIONS
1	Development and applications of solar-based thermoelectric technologies. Renewable and Sustainable Energy Reviews, 2007, 11, 923-936.	16.4	243
2	Development of a simplified and accurate building model based on electrical analogy. Energy and Buildings, 2002, 34, 1017-1031.	6.7	206
3	An experimental and numerical study of a thermoelectric air-cooling and air-heating system. International Journal of Refrigeration, 2008, 31, 1051-1062.	3.4	89
4	Coupling of thermoelectric modules with a photovoltaic panel for air pre-heating and pre-cooling application; an annual simulation. International Journal of Energy Research, 2008, 32, 1316-1328.	4.5	37
5	Analytical modelling of PCM supercooling including recalescence for complete and partial heating/cooling cycles. Applied Thermal Engineering, 2021, 190, 116751.	6.0	36
6	Modelling and performance analysis of a new concept of integral collector storage (ICS) with phase change material. Solar Energy, 2019, 183, 425-440.	6.1	25
7	Analytical optimal design of thermoelectric heat pumps. Applied Thermal Engineering, 2015, 82, 48-56.	6.0	24
8	Experimental study of a partially heated cavity of an integrated collector storage solar water heater (ICSSWH). Solar Energy, 2014, 101, 53-62.	6.1	20
9	A numerical comparison of different methods for optimizing heating-restart time in intermittently occupied buildings. Applied Energy, 1999, 62, 125-140.	10.1	17
10	An Analysis of the Performance of Different Intermittent Heating Controllers and an Evaluation of Comfort and Energy Consumption. HVAC and R Research, 1997, 3, 369-386.	0.6	16
11	Towards a better analytical modelling of the thermodynamic behaviour of phase change materials. Journal of Energy Storage, 2020, 32, 101826.	8.1	14
12	Design and experimental analysis of an Integral Collector Storage (ICS) prototype for DHW production. Applied Energy, 2020, 259, 114104.	10.1	13
13	Stratification enhancement for an integrated collector storage solar water heater (ICSSWH). Energy and Buildings, 2015, 106, 35-43.	6.7	12
14	Influence of natural weather variability on the thermal characterisation of a building envelope. Applied Energy, 2021, 288, 116582.	10.1	5
15	Experimental Comparison of Three Characterization Methods for Two Phase Change Materials Suitable for Domestic Hot Water Storage. Applied Sciences (Switzerland), 2021, 11, 10229.	2.5	4