

# Yves Jannot

## List of Publications by Year in descending order

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28  
papers

701  
citations

687363

13  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal properties measurement of two tropical wood species as a function of their water content using the parallel hot wire method. <i>Construction and Building Materials</i> , 2022, 320, 125974.	7.2	7
2	Thermo-physical characterization of Hexadecane during the solid/liquid phase change. <i>Thermochimica Acta</i> , 2022, 710, 179180.	2.7	5
3	Thermophysical characterization of mould materials using parallel hot wire and needle probe methods at high temperatures. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107630.	4.9	1
4	Influence of radiation heat transfer on parallel hot-wire thermal conductivity measurements of semi-transparent materials at high temperature. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107690.	4.9	7
5	Apparent thermal conductivity measurement of anisotropic insulating materials at high temperature by the parallel hot-wire method. <i>International Journal of Thermal Sciences</i> , 2021, 160, 106672.	4.9	14
6	Thermal conductivity of nonwoven needle-punched geotextiles: effect of stress and moisture. <i>Geosynthetics International</i> , 2021, 28, 186-194.	2.9	2
7	New developments of the Gas Research Institute method for the permeability measurement of porous media. <i>Review of Scientific Instruments</i> , 2021, 92, 065102.	1.3	2
8	Thermal conductivity measurement of insulating materials up to 1000°C with a needle probe. <i>Review of Scientific Instruments</i> , 2021, 92, 064903.	1.3	7
9	Thermal diffusivity measurement of insulating materials at high temperature with a four-layer (4L) method. <i>International Journal of Thermal Sciences</i> , 2020, 150, 106230.	4.9	10
10	An improved model for the parallel hot wire: Application to thermal conductivity measurement of low density insulating materials at high temperature. <i>International Journal of Thermal Sciences</i> , 2019, 142, 379-391.	4.9	21
11	A new method for measuring the thermal conductivity of small insulating samples. <i>Review of Scientific Instruments</i> , 2019, 90, 054901.	1.3	6
12	Experimental transfer functions identification: Thermal impedance and transmittance in a channel heated by an upstream unsteady volumetric heat source. <i>International Journal of Heat and Mass Transfer</i> , 2018, 116, 931-939.	4.8	14
13	In-plane thermal diffusivity measurement of thin plates by the transient fin method. <i>Review of Scientific Instruments</i> , 2018, 89, 104905.	1.3	2
14	A passive guard for low thermal conductivity measurement of small samples by the hot plate method. <i>Measurement Science and Technology</i> , 2017, 28, 015008.	2.6	19
15	Hot Plate Method with Two Simultaneous Temperature Measurements for Thermal Characterization of Building Materials. <i>International Journal of Thermophysics</i> , 2017, 38, 1.	2.1	6
16	Modeling unsteady diffusive and advective heat transfer for linear dynamical systems: A transfer function approach. <i>International Journal of Heat and Mass Transfer</i> , 2017, 115, 304-313.	4.8	13
17	Extension and optimization of a three-layer method for the estimation of thermal conductivity of super-insulating materials. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	11
18	Experimental thermal properties characterization of insulating cork-gypsum composite. <i>Construction and Building Materials</i> , 2014, 54, 202-209.	7.2	94

#	ARTICLE	IF	CITATIONS
19	Measurement and modelisation of the thermal conductivity of a wet composite porous medium: Laterite based bricks with millet waste additive. <i>Construction and Building Materials</i> , 2013, 41, 586-593.	7.2	59
20	Analysis of the estimation error in a parsimonious temperature-temperature characterization technique. <i>International Journal of Heat and Mass Transfer</i> , 2013, 62, 230-241.	4.8	11
21	A new quasi-steady method to measure gas permeability of weakly permeable porous media. <i>Review of Scientific Instruments</i> , 2012, 83, 015113.	1.3	29
22	Water content dependence of the porosity, density and thermal capacity of laterite based bricks with millet waste additive. <i>Construction and Building Materials</i> , 2012, 31, 144-150.	7.2	66
23	A quadrupolar complete model of the hot disc. <i>Measurement Science and Technology</i> , 2007, 18, 1229-1234.	2.6	30
24	Experimental Determination and Modeling of Sorption Isotherms of Tropical Fruits: Banana, Mango, and Pineapple. <i>Drying Technology</i> , 2005, 23, 1477-1498.	3.1	44
25	Shrinkage and density evolution during drying of tropical fruits: application to banana. <i>Journal of Food Engineering</i> , 2004, 64, 103-109.	5.2	77
26	Modeling of Banana Convective Drying by the Drying Characteristic Curve (DCC) Method. <i>Drying Technology</i> , 2004, 22, 1949-1968.	3.1	32
27	Simplified estimation method for the determination of the thermal effusivity and thermal conductivity using a low cost hot strip. <i>Measurement Science and Technology</i> , 2004, 15, 1932-1938.	2.6	49
28	THE "EVAPORATIVE CAPACITY" AS A PERFORMANCE INDEX FOR A SOLAR-DRIER AIR-HEATER. <i>Solar Energy</i> , 1998, 63, 387-391.	6.1	33