

# Valentina Martelli

## List of Publications by Citations

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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.

19  
papers

183  
citations

7  
h-index

13  
g-index

21  
ext. papers

232  
ext. citations

2.7  
avg, IF

2.82  
L-index

#	Paper	IF	Citations
19	Thermal Transport and Phonon Hydrodynamics in Strontium Titanate. <i>Physical Review Letters</i> , <b>2018</b> , 120, 125901	7.4	63
18	Thermal conductivity of Kevlar 49 between 7 and 290 K. <i>Cryogenics</i> , <b>2009</b> , 49, 735-737	1.8	30
17	Thermal conductivity measurements of pitch-bonded graphites at millikelvin temperatures: Finding a replacement for AGOT graphite. <i>Cryogenics</i> , <b>2009</b> , 49, 159-164	1.8	23
16	Very low temperature thermal conductivity of Kevlar 49. <i>Cryogenics</i> , <b>2009</b> , 49, 376-377	1.8	9
15	Sequential localization of a complex electron fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 17701-17706	11.5	8
14	Very low temperature specific heat of Al 5056. <i>Physica B: Condensed Matter</i> , <b>2010</b> , 405, 1452-1454	2.8	7
13	Low-temperature thermal conductivity of Nylon-6/Cu nanoparticles. <i>Physica B: Condensed Matter</i> , <b>2010</b> , 405, 4247-4249	2.8	7
12	Measurement of the thermal expansion coefficient of AISI 420 stainless steel between 20 and 293K. <i>Cryogenics</i> , <b>2014</b> , 62, 94-96	1.8	6
11	Anisotropic Thermopower of the Kondo Insulator (hbox {CeRu}_4\hbox {Sn}_6). <i>Journal of Electronic Materials</i> , <b>2014</b> , 43, 2440-2443	1.9	6
10	A novel interferometric dilatometer in the 4800 K temperature range: thermal expansion coefficient of SRM-731 borosilicate glass and stainless steel-304. <i>Measurement Science and Technology</i> , <b>2013</b> , 24, 105203	2	6
9	Thermal conductivity of Tecamax <sup>®</sup> SRP from millikelvin temperatures to room temperature. <i>Cryogenics</i> , <b>2010</b> , 50, 66-70	1.8	6
8	Thermal conductance at millikelvin temperatures of woven ribbon cable with phosphor-bronze clad superconducting wires. <i>Cryogenics</i> , <b>2010</b> , 50, 465-468	1.8	5
7	Thermal conductivity of ME771 glass-epoxy laminate from millikelvin temperatures to 4K. <i>Cryogenics</i> , <b>2010</b> , 50, 52-54	1.8	3
6	Future scenarios for the Brazilian electricity sector: PV as a new driving force?. <i>Futures</i> , <b>2020</b> , 120, 102555	5.6	1
5	Converse effect of pressure on the quadrupolar and magnetic transition in Ce <sub>3</sub> Pd <sub>20</sub> Si <sub>6</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	1
4	A Dry Dilution Refrigerator for the Test of CUORE Components. <i>Journal of Low Temperature Physics</i> , <b>2009</b> , 157, 541-549	1.3	1
3	Electrical Resistivity of Single Crystalline Ce <sub>3</sub> Pd <sub>20</sub> Si <sub>6</sub> Across the Temperature-Magnetic Field Phase Diagram <b>2014</b> ,		1

- 2 Thermal conductivity of the Kondo semiconductor CeRu<sub>4</sub>Sn<sub>6</sub>. *Journal of Physics: Conference Series*, **2017**, 807, 012013 0.3
- 1 Magnetoresistance investigation on single crystalline Ce<sub>3</sub>Pd<sub>20</sub>Si<sub>6</sub> across the temperature-magnetic field phase diagram. *Journal of Physics: Conference Series*, **2015**, 592, 012080 0.3