

Yingzhe Wu

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.

10
papers

69
citations

5
h-index

8
g-index

12
ext. papers

87
ext. citations

2.4
avg, IF

1.95
L-index

#	Paper	IF	Citations
10	Tensile properties and impact toughness of S30408 stainless steel and its welded joints at cryogenic temperatures. <i>Cryogenics</i> , 2018 , 92, 50-59	1.8	18
9	Optimization of the working fluid for a sorption-based Joule-Thomson cooler. <i>Cryogenics</i> , 2013 , 58, 5-13	1.8	15
8	A 1-dimensional dynamic model for a sorption-compressor cell. <i>International Journal of Heat and Mass Transfer</i> , 2017 , 107, 213-224	4.9	9
7	Baseline design of a sorption-based Joule-Thomson cooler chain for the METIS instrument in the E-ELT. <i>Cryogenics</i> , 2017 , 84, 37-52	1.8	9
6	A modified stress-strain relation for austenitic stainless steels at cryogenic temperatures. <i>Cryogenics</i> , 2019 , 101, 89-100	1.8	6
5	Vibration-free Cooler for the METIS Instrument Using Sorption Compressors. <i>Physics Procedia</i> , 2015 , 67, 411-416		3
4	Development of a switchless sorption compressor for the cryogenic refrigeration within the METIS instrument: Part II. Experimental demonstration. <i>International Journal of Refrigeration</i> , 2017 , 82, 529-540	3.8	3
3	A method for calculating low-temperature stress-strain curves of austenitic stainless steels. <i>Cryogenics</i> , 2020 , 107, 103059	1.8	2
2	Development of a switchless sorption compressor for the cryogenic refrigeration within the METIS instrument: Part I. Theoretical design. <i>International Journal of Refrigeration</i> , 2017 , 82, 520-528	3.8	2
1	Performance comparison of sorption compressors for methane using metal-organic frameworks and activated carbon as adsorbents. <i>Cryogenics</i> , 2022 , 123, 103441	1.8	2