

# Yingzhe Wu

## 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.

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