

Yintao Song

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.

8

papers

478

citations

6

h-index

8

g-index

8

ext. papers

541

ext. citations

15.1

avg, IF

3.51

L-index

#	Paper	IF	Citations
8	Origins of the transformability of nickel-titanium shape memory alloys. <i>Physical Review Materials</i> , 2020 , 4,	3.2	1
7	Power-Source-Free Analysis of Pyroelectric Energy Conversion. <i>Physical Review Applied</i> , 2019 , 12,	4.3	6
6	Thermodynamics and Energy Conversion in Heusler Alloys. <i>Springer Series in Materials Science</i> , 2016 , 269-291	0.9	5
5	Determination of the stretch tensor for structural transformations. <i>Journal of the Mechanics and Physics of Solids</i> , 2016 , 93, 34-43	5	34
4	Performance analysis of energy conversion via caloric effects in first-order ferroic phase transformations. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 12750-63	3.6	6
3	Enhanced reversibility and unusual microstructure of a phase-transforming material. <i>Nature</i> , 2013 , 502, 85-8	50.4	262
2	Thermodynamics of energy conversion via first order phase transformation in low hysteresis magnetic materials. <i>Energy and Environmental Science</i> , 2013 , 6, 1315	35.4	28
1	The Direct Conversion of Heat to Electricity Using Multiferroic Alloys. <i>Advanced Energy Materials</i> , 2011 , 1, 97-104	21.8	136