

# Xiuli Han

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

165  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	An atomic-level understanding of the friction and wear behaviors of Ti <sub>2</sub> AlN/TiAl composite via MD simulations. Tribology International, 2019, 137, 340-348.	5.9	35
2	Investigation on the crystallographic orientation relationships and interface atomic structures in an in-situ Ti <sub>2</sub> AlN/TiAl composite. Materials and Design, 2017, 130, 239-249.	7.0	30
3	Development and application of a ternary Ti-Al-N interatomic potential for Ti <sub>2</sub> AlN/TiAl composite. Journal of Alloys and Compounds, 2018, 745, 63-74.	5.5	20
4	Fabrication of in situ Ti <sub>2</sub> AlN/TiAl composites by reaction hot pressing and their properties. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 126-130.	1.0	16
5	Quantifying the role of interface atomic structure in the compressive response of Ti <sub>2</sub> AlN/TiAl composite using MD simulations. Journal of Materials Science, 2019, 54, 5536-5550.	3.7	16
6	Investigation on Tribological Behavior of Ti <sub>2</sub> AlN/TiAl Composite at Room and Elevated Temperature. Tribology Letters, 2018, 66, 1.	2.6	13
7	The effect of interface atomic structure on the deformation mechanisms of Ti <sub>2</sub> AlN/TiAl composite under nanoindentation using MD simulations. Journal of Physics Condensed Matter, 2019, 31, 125002.	1.8	11
8	Dry-Sliding Tribological Properties of TiAl Alloys and Ti <sub>2</sub> AlN/TiAl Composites at High Temperature. Journal of Materials Engineering and Performance, 2018, 27, 6107-6117.	2.5	7
9	Friction and wear properties of TiAl and Ti <sub>2</sub> AlN/TiAl composites at high temperature. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 1023-1028.	1.0	6
10	Fabrication and Mechanical Properties of In Situ Synthesized Ti <sub>2</sub> AlN/TiAl Composite. Journal of Materials Engineering and Performance, 2018, 27, 4336-4344.	2.5	6
11	Investigation on Tribological Properties of the Pre-oxidized Ti <sub>2</sub> AlN/TiAl Composite. Journal of Materials Engineering and Performance, 2018, 27, 1973-1986.	2.5	5