

# Weilong Niu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8131423/publications.pdf>

Version: 2024-02-01

5  
papers

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1684188  
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2053705  
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times ranked

72  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the Effect of Cutting Parameters of TiAl <sub>4</sub> on Surface Roughness Based on a SPH Cutting Model. Applied Sciences (Switzerland), 2019, 9, 654.	2.5	5
2	A smooth particle hydrodynamic model for two-dimensional numerical simulation of TiAl <sub>4</sub> serrated chip deformation based on TANH constitutive law. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3004-3017.	2.1	7
3	Modeling of orthogonal cutting process of A2024-T351 with an improved SPH method. International Journal of Advanced Manufacturing Technology, 2018, 95, 905-919.	3.0	23
4	Back-Spalling process of an Al <sub>2</sub> O <sub>3</sub> ceramic plate subjected to an impact of steel ball. International Journal of Impact Engineering, 2018, 122, 451-471.	5.0	16
5	In-process cutting tool remaining useful life evaluation based on operational reliability assessment. International Journal of Advanced Manufacturing Technology, 2016, 86, 841-851.	3.0	17