

Weilong Niu

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

68
citations

1684188
5
h-index

2053705
5
g-index

5
all docs

5
docs citations

5
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Back-Spalling process of an Al ₂ O ₃ ceramic plate subjected to an impact of steel ball. International Journal of Impact Engineering, 2018, 122, 451-471.	5.0	16
4	A smooth particle hydrodynamic model for two-dimensional numerical simulation of Ti-6Al-4V 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
5	Investigating the Effect of Cutting Parameters of Ti-6Al-4V on Surface Roughness Based on a SPH Cutting Model. Applied Sciences (Switzerland), 2019, 9, 654.	2.5	5