

Lingfei Kong

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

245
citations

1163117

8
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Smoothed particle hydrodynamics simulation and experimental analysis of SiC ceramic grinding mechanism. <i>Ceramics International</i> , 2018, 44, 12194-12203.	4.8	60
2	A molecular dynamics investigation into nanoscale scratching mechanism of polycrystalline silicon carbide. <i>Computational Materials Science</i> , 2018, 148, 76-86.	3.0	51
3	Molecular dynamics simulation of silicon carbide nanoscale material removal behavior. <i>Ceramics International</i> , 2018, 44, 11910-11913.	4.8	40
4	Targeted suppression of vibration in deep hole drilling using magneto-rheological fluid damper. <i>Journal of Materials Processing Technology</i> , 2014, 214, 2617-2626.	6.3	18
5	Vibration suppression of drilling tool system during deep-hole drilling process using independence mode space control. <i>International Journal of Machine Tools and Manufacture</i> , 2020, 151, 103525.	13.4	12
6	Atomistic insights on the nanoscale single grain scratching mechanism of silicon carbide ceramic based on molecular dynamics simulation. <i>AIP Advances</i> , 2018, 8, .	1.3	11
7	Aging condition identification of viscoelastic sandwich structure based on empirical wavelet transform and Hilbert envelope demodulation. <i>Composite Structures</i> , 2019, 215, 13-22.	5.8	11
8	Modeling and Distribution Laws of Drilling Force for Staggered Teeth BTA Deep Hole Drill. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-13.	1.1	9
9	Complex nonlinear behaviors of drilling shaft system in boring and trepanning association deep hole drilling. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 45, 211-218.	3.0	8
10	Numerical investigation on dynamic characteristics of drilling shaft in deep hole drilling influenced by minimal quantity lubrication. <i>Nonlinear Dynamics</i> , 2013, 74, 943-955.	5.2	7
11	Whirling detection in deep hole drilling process based on multivariate synchrosqueezing transform of orthogonal dual-channel vibration signals. <i>Mechanical Systems and Signal Processing</i> , 2022, 167, 108621.	8.0	6
12	Condition monitoring of deep-hole drilling process based on improved empirical wavelet de-noising and high multiple frequency components of rotation frequency. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 114, 2201-2214.	3.0	4
13	Experimental Investigation and Modeling of Catheter Temperature in Atherectomy. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 523-533.	1.8	2
14	Experimental and modeling study of temperature in calcified plaque grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 1013-1021.	3.0	2
15	Tracing Algorithm of Workpiece Heat Flux in Deep Hole Processing. <i>Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering</i> , 2018, 54, 213.	0.5	2
16	Improved empirical wavelet denoising algorithm with application to whirling detection in deep hole drilling process. <i>Procedia CIRP</i> , 2021, 104, 1924-1929.	1.9	2