Tien-Dat Hoang

List of Publications by Year
in descending order

9 papers	33 citations	1937685 4 h-index	1872680 6 g-index
10 all docs	10 docs citations	10 times ranked	22 citing authors

#	ARTICLE	IF	CITATIONS
1	First-order perturbation-based stochastic homogenization method applied to microscopic damage prediction for composite materials. Acta Mechanica, 2019, 230, 1061-1076.	2.1	11
2	Coupled lateral and torsional vibrations of the micro-drilling spindle systems. International Journal of Advanced Manufacturing Technology, 2016, 87, 2063-2079.	3.0	7
3	Ultrasonic assisted nano-fluid MQL in deep drilling of hard-to-cut materials. Materials and Manufacturing Processes, 2022, 37, 712-721.	4.7	6
4	Stochastic nonlinear multiscale computational scheme for short fiber reinforced composites to study the influence of microstructural variability on damage propagation. SN Applied Sciences, 2020, 2, 1.	2.9	5
5	Size Effect of Drill Bit on Coupled Vibrations during High Speed Micro-Drilling Process of Composite Printed Circuit Board. Materials Science Forum, 2020, 975, 217-222.	0.3	3
6	Structure optimization of a micro drill bit with nonlinear constraints considering the effects of eccentricity, gyroscopic moments, lateral and torsional vibrations. IOP Conference Series: Materials Science and Engineering, 2017, 241, 012029.	0.6	1
7	Influence of Random Fiber Length on Macroscopic Properties of Short Fiber Reinforced Composites Due to Microscopic Physical Uncertainty. Lecture Notes in Networks and Systems, 2021, , 501-507.	0.7	0
8	Role of Electrolyte Media in the Exfoliation of MoS2 Nanosheets by Electrolysis Plasma-Induced Method. Lecture Notes in Networks and Systems, 2021, , 724-728.	0.7	0
9	Microscopic Damage Model for Fibrous Composites Considering Randomness in Constituent Materials. Materials Science Forum, 0, 1015, 51-56.	0.3	0