

Zimo Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2234990/publications.pdf>

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9
papers

130
citations

1307594
7
h-index

1474206
9
g-index

11
all docs

11
docs citations

11
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale tribo-mechanical analysis of natural fiber composites for manufacturing applications. Tribology International, 2018, 122, 143-150.	5.9	38
2	Acoustic Emission Characterization of Natural Fiber Reinforced Plastic Composite Machining Using a Random Forest Machine Learning Model. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2020, 142, .	2.2	31
3	A Dirichlet Process Gaussian State Machine Model for Change Detection in Transient Processes. Technometrics, 2018, 60, 373-385.	1.9	16
4	Image-based flight control of unmanned aerial vehicles (UAVs) for material handling in custom manufacturing. Journal of Manufacturing Systems, 2020, 56, 615-621.	13.9	14
5	Bidirectional Gated Recurrent Deep Learning Neural Networks for Smart Acoustic Emission Sensing of Natural Fiber Reinforced Polymer Composite Machining Process. Smart and Sustainable Manufacturing Systems, 2020, 4, 179-198.	0.7	10
6	Towards Realizing Cybermanufacturing Kiosks: Quality Assurance Challenges and Opportunities. Procedia Manufacturing, 2018, 26, 1296-1306.	1.9	9
7	A vision-based monitoring approach for real-time control of laser origami cybermanufacturing processes. Procedia Manufacturing, 2018, 26, 1307-1317.	1.9	7
8	An autonomous laser kirigami method with low-cost real-time vision-based surface deformation feedback system. International Journal of Advanced Manufacturing Technology, 2022, 118, 1873-1883.	3.0	3
9	Characterization of the physical origins of acoustic emission (AE) from natural fiber reinforced polymers (NFRPs) machining processes. International Journal of Advanced Manufacturing Technology, 2022, 118, 865-879.	3.0	2