

Xin Lin

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

162
citations

1162889

8
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Image edge detection based tool condition monitoring with morphological component analysis. ISA Transactions, 2017, 69, 315-322.	3.1	39
2	Metal-based additive manufacturing condition monitoring methods: From measurement to control. ISA Transactions, 2022, 120, 147-166.	3.1	28
3	Motion feature based melt pool monitoring for selective laser melting process. Journal of Materials Processing Technology, 2022, 303, 117523.	3.1	20
4	Metal-Based Additive Manufacturing Condition Monitoring: A Review on Machine Learning Based Approaches. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2495-2510.	3.7	15
5	Compressive sensing and sparse decomposition in precision machining process monitoring: From theory to applications. Mechatronics, 2015, 31, 3-15.	2.0	12
6	Three-Dimensional CAD Model Matching With Anisotropic Diffusion Maps. IEEE Transactions on Industrial Informatics, 2018, 14, 265-274.	7.2	9
7	Tool Condition Monitoring With Multiscale Discriminant Sparse Decomposition. IEEE Transactions on Industrial Informatics, 2019, 15, 2819-2827.	7.2	9
8	Pyramid LSTM Network for Tool Condition Monitoring. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	2.4	9
9	Design and research of three-layers open architecture model for industrial robot software system. , 2013, , .		6
10	Data fusion analysis in the powder-bed fusion AM process monitoring by Dempster-Shafer evidence theory. Rapid Prototyping Journal, 2022, 28, 841-854.	1.6	6
11	Intelligent modeling and monitoring of micro-droplet profiles in 3D printing. ISA Transactions, 2020, 105, 367-376.	3.1	4
12	Matching of 3D CAD models with density-based approaches: An experimental evaluation of the invariance, bin size and noise robustness. Manufacturing Letters, 2018, 15, 28-32.	1.1	2
13	Articulated 3D model matching using multi-scale histograms of shape features for customized additive manufacturing. Computers in Industry, 2021, 132, 103520.	5.7	2
14	Anisotropic diffusion map based spectral embedding for 3D CAD model retrieval. , 2016, , .		1