

Benjamin Montavon

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

92
citations

1684188

5
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive surface geometry determination in multi-material x-ray computed tomography using fringe projection. Measurement Science and Technology, 2022, 33, 044001.	2.6	1
2	Sheared edge defect segmentation using a convolutional U-Net for quantified quality assessment of fine blanked workpieces. Precision Engineering, 2022, 75, 129-141.	3.4	2
3	Metrologically interpretable feature extraction for industrial machine vision using generative deep learning. CIRP Annals - Manufacturing Technology, 2022, 71, 433-436.	3.6	9
4	Data-Based Quality Management in the Internet of Production. , 2022, , 391-418.		1
5	Sinogram interpretability based CT artefact reduction for multi-material workpieces. Nondestructive Testing and Evaluation, 2022, 37, 679-691.	2.1	1
6	Holarchy for line-less mobile assembly systems operation in the context of the internet of production. Procedia CIRP, 2021, 99, 448-453.	1.9	15
7	FAIR sensor services - Towards sustainable sensor data management. Measurement: Sensors, 2021, 18, 100206.	1.7	9
8	A low-cost camera-based tracking theodolite for large-scale metrology applications. International Journal of Computer Integrated Manufacturing, 2020, 33, 869-879.	4.6	2
9	Datenbasiertes Qualitätsmanagement im Internet of Production. , 2020, , 489-516.		11
10	A Digital Perspective on Machine Tool Calibration. International Journal of Automation Technology, 2020, 14, 360-368.	1.0	5
11	Prototype for dual digital traceability of metrology data using X.509 and IOTA. CIRP Annals - Manufacturing Technology, 2020, 69, 449-452.	3.6	4
12	Artifact-free coordinate registration of heterogeneous Large-Scale Metrology systems. CIRP Annals - Manufacturing Technology, 2019, 68, 503-506.	3.6	6
13	Model-based interfacing of large-scale metrology instruments. , 2019, , .		6
14	Modelling Machine Tools using Structure Integrated Sensors for Fast Calibration. Journal of Manufacturing and Materials Processing, 2018, 2, 14.	2.2	10
15	ENHANCING LASER STEP DIAGONAL MEASUREMENT BY MULTIPLE SENSORS FOR FAST MACHINE TOOL CALIBRATION. Journal of Machine Engineering, 2018, 18, 64-74.	1.8	2
16	Communication architecture for multiple distributed large volume metrology systems. , 2017, , .		8