

# Benjamin Montavon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5151483/publications.pdf>

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