Sebastian Meister

List of Publications by Year
in descending order

10	136	1684188	1588992
papers	citations	5	8
		h-index	g-index
10	10	10	38
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical Material Characterisation of Prepreg CFRP for Improved Composite Inspection. Applied Composite Materials, 2022, 29, 871-887.	2.5	1
2	Reflectivity and emissivity analysis of thermoplastic CFRP for optimising Xenon heating and thermographic measurements. Composites Part A: Applied Science and Manufacturing, 2022, 158, 106972.	7.6	2
3	Synthetic image data augmentation for fibre layup inspection processes: Techniques to enhance the data set. Journal of Intelligent Manufacturing, 2021, 32, 1767-1789.	7.3	31
4	Review of image segmentation techniques for layup defect detection in the Automated Fiber Placement process. Journal of Intelligent Manufacturing, 2021, 32, 2099-2119.	7.3	25
5	Explainability of deep learning classifier decisions for optical detection of manufacturing defects in the automated fiber placement process. , 2021, , .		4
6	Cross-evaluation of a parallel operating SVM â€" CNN classifier for reliable internal decision-making processes in composite inspection. Journal of Manufacturing Systems, 2021, 60, 620-639.	13.9	16
7	Imaging sensor data modelling and evaluation based on optical composite characteristics. International Journal of Advanced Manufacturing Technology, 2021, 116, 3965-3990.	3.0	5
8	Investigations on Explainable Artificial Intelligence methods for the deep learning classification of fibre layup defect in the automated composite manufacturing. Composites Part B: Engineering, 2021, 224, 109160.	12.0	36
9	Algorithm assessment for layup defect segmentation from laser line scan sensor based image data. , 2020, , .		8
10	Automated, Quality Assured and High Volume Oriented Production of Fiber Metal Laminates (FML) for the Next Generation of Passenger Aircraft Fuselage Shells. Science and Engineering of Composite Materials, 2019, 26, 502-508.	1.4	8