

# Tobias Strohmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9624733/publications.pdf>

Version: 2024-02-01

4  
papers

73  
citations

1937685

4  
h-index

2272923

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g-index

4  
all docs

4  
docs citations

4  
times ranked

51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic detection of fatigue crack paths using digital image correlation and convolutional neural networks. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 1336-1348.	3.4	27
2	Semantic segmentation of synchrotron tomography of multiphase Al-Si alloys using a convolutional neural network with a pixel-wise weighted loss function. <i>Scientific Reports</i> , 2019, 9, 19611.	3.3	25
3	Explainable machine learning for precise fatigue crack tip detection. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
4	High-stress fatigue crack propagation in thin AA2024-T3 sheet material. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2683-2693.	3.4	7