

# Tino Wollmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9006652/publications.pdf>

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14  
papers

144  
citations

1478505

6  
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1199594

12  
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14  
all docs

14  
docs citations

14  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoplastic fibre metal laminates: Stiffness properties and forming behaviour by means of deep drawing. Archives of Civil and Mechanical Engineering, 2018, 18, 442-450.	3.8	38
2	Design and testing of composite compressor blades with focus on the vibration behaviour. Composites Part A: Applied Science and Manufacturing, 2017, 92, 183-189.	7.6	31
3	Investigating the friction, wear and damage behaviour of plain bearing bushes of the variable stator vane system. Tribology International, 2022, 165, 107280.	5.9	21
4	An advanced experimental method and test rig concept for investigating the dynamic blade-tip/casing interactions under engine-like mechanical conditions. Wear, 2019, 422-423, 161-166.	3.1	16
5	Influence of component design on features and properties in thermoplastic overmoulded composites. Composites Part A: Applied Science and Manufacturing, 2020, 132, 105823.	7.6	12
6	Experimental and numerical studies on the braiding of carbon fibres over structured end-fittings for the design and manufacture of high performance hybrid shafts. Production Engineering, 2018, 12, 215-228.	2.3	11
7	Design and Testing of a Co-Rotating Vibration Excitation System. Sensors, 2019, 19, 92.	3.8	4
8	Spatially Resolved Experimental Modal Analysis on High-Speed Composite Rotors Using a Non-Contact, Non-Rotating Sensor. Sensors, 2021, 21, 4705.	3.8	2
9	Design and testing of polar-orthotropic multi-layered composites under rotational load. Materials and Design, 2021, 207, 109853.	7.0	2
10	Diffraction-grating-based insitu displacement, tilt, and strain measurements on high-speed composite rotors. Applied Optics, 2019, 58, 8021.	1.8	2
11	Experimental investigation of high strain-rate, large-scale crack bridging behaviour of z-pin reinforced tapered laminates. Composites Part A: Applied Science and Manufacturing, 2022, 155, 106825.	7.6	2
12	Numerical Buckling Analysis of Hybrid Honeycomb Cores for Advanced Helmholtz Resonator Liners. Journal of Composites Science, 2021, 5, 116.	3.0	1
13	Optical strain measurements on fast moving fiber reinforced polymer rotors using diffraction gratings. TM Technisches Messen, 2019, 86, 175-183.	0.7	1
14	Motion blur suppression by using an optical derotator for deformation measurement of rotating components. , 2020, , .		1