

Jens Wiegand

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

375
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane and through-thickness properties, failure modes, damage and delamination in 3D woven carbon fibre composites subjected to impact loading. <i>Composites Science and Technology</i> , 2012, 72, 397-411.	7.8	126
2	Experimental characterisation and constitutive modelling of RTM-6 resin under impact loading. <i>Polymer</i> , 2008, 49, 2728-2737.	3.8	101
3	Effect of strain rate and fibre rotation on the in-plane shear response of $\hat{A}\pm 45\hat{A}^\circ$ laminates in tension and compression tests. <i>Composites Science and Technology</i> , 2016, 135, 106-115.	7.8	67
4	The Strain Rate Dependent Material Behavior of S-GFRP Extracted from GLARE. <i>Mechanics of Advanced Materials and Structures</i> , 2013, 20, 505-514.	2.6	27
5	Experimental and numerical study of strain-rate effects on the IFF fracture angle using a new efficient implementation of Puck's criterion. <i>Composite Structures</i> , 2017, 181, 325-335.	5.8	23
6	A Puck-based localisation plane theory for rate- and pressure-dependent constitutive modelling of unidirectional fibre-reinforced polymers. <i>Composite Structures</i> , 2018, 184, 299-305.	5.8	19
7	The interface between matrix pockets and fibre bundles under impact loading. <i>Composites Science and Technology</i> , 2009, 69, 2024-2026.	7.8	12