

Christian Dammann

List of Publications by Year in descending order

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1478505

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hybridprofile für Trag- und Crashstrukturen. , 2021, , 121-203.		0
2	Simulation of a resin transfer molding process using a phase field approach within the theory of porous media. Composites Part A: Applied Science and Manufacturing, 2019, 120, 147-160.	7.6	5
3	A least squares approach for effective shear properties in an $\{\vec{v}_n\}$ n -layered sphere model. Archive of Applied Mechanics, 2018, 88, 2081-2099.	2.2	5
4	Shear strength and failure behaviour of laser nano-structured and conventionally pre-treated interfaces in intrinsically manufactured CFRP-steel hybrids. Composites Part B: Engineering, 2018, 151, 173-185.	12.0	26
5	Sequential biaxial stretching of polycarbonate films for characterization of strain-induced anisotropy. GAMM Mitteilungen, 2018, 41, e201800003.	5.5	1
6	Thermo-chemo-mechanical Effective Properties for Homogeneous and Heterogeneous n -Phase Mixtures with Application to Curing. Procedia CIRP, 2017, 66, 51-56.	1.9	0
7	Derivation of an n -layered composite sphere model for thermo-chemo-mechanical effective properties. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 581-582.	0.2	1
8	The effective shear modulus for n -layered composite sphere. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 609-610.	0.2	0
9	(n)- AND ($n + 1$)-LAYERED COMPOSITE SPHERE MODELS FOR THERMO-CHEMO-MECHANICAL EFFECTIVE PROPERTIES. International Journal for Multiscale Computational Engineering, 2017, 15, 295-322.	1.2	11
10	Influences of interface and surface pretreatment on the mechanical properties of metal-CFRP hybrid structures manufactured by resin transfer moulding. International Journal of Automotive Composites, 2016, 2, 272.	0.1	12
11	Hybrid Metal-Composite Interfaces: Aspects of Design, Characterisation, and Simulation. Advanced Materials Research, 2016, 1140, 255-263.	0.3	10
12	A three-scale framework for fibre-reinforced-polymer curing Part I: Microscopic modeling and mesoscopic effective properties. International Journal of Solids and Structures, 2016, 100-101, 341-355.	2.7	30
13	A three-scale framework for fibre-reinforced-polymer curing part II: Mesoscopic modeling and macroscopic effective properties. International Journal of Solids and Structures, 2016, 100-101, 356-375.	2.7	21
14	Determination of effective properties for CFRP curing coupled to viscoelasticity based on a three-scale framework. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 517-518.	0.2	0
15	Influences of interface and surface pretreatment on the mechanical properties of metal-CFRP hybrid structures manufactured by resin transfer moulding. International Journal of Automotive Composites, 2016, 2, 272.	0.1	4
16	Simulation of strain-induced anisotropy for polymers with weighting functions. Archive of Applied Mechanics, 2014, 84, 21-41.	2.2	5
17	A macroscopic constitutive model on induced anisotropy for polymers with weighting functions. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 387-388.	0.2	0