

Sevenoio Rdb

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Numerical Study on the Effect of Matrix Self-Heating on the Thermo-Visco-Plastic Response of Continuous Fiber-Reinforced Polymers under Transverse Tensile Loading. <i>Polymers</i> , 2022, 14, 1941.	4.5	3
2	Construction of representative unit cells for FE analysis of textile composite plies. , 2021, , 105-140.		0
3	Permanent Deformation and Stiffness Degradation of Open Hole Glass/PA6 UD Thermoplastic Composite in Tension and Compression. <i>Materials</i> , 2021, 14, 2646.	2.9	1
4	Prediction of fatigue crack initiation in UD laminates under different stress ratios. , 2020, , 465-494.		1
5	Influence of tab debonding on measured stiffness evolution in Compression-Compression and Tension-Compression fatigue testing of short gauge length coupons. <i>Composites Science and Technology</i> , 2019, 180, 1-13.	7.8	9
6	Consistent application of periodic boundary conditions in implicit and explicit finite element simulations of damage in composites. <i>Composites Part B: Engineering</i> , 2019, 168, 254-266.	12.0	70
7	Stress-strain synchronization for high strain rate tests on brittle composites. <i>Polymer Testing</i> , 2018, 67, 477-486.	4.8	8
8	Multiscale approach for identification of transverse isotropic carbon fibre properties and prediction of woven elastic properties using ultrasonic identification. <i>Composites Science and Technology</i> , 2018, 168, 160-169.	7.8	19
9	Comparing damage from low-velocity impact and quasi-static indentation in automotive carbon/epoxy and glass/polyamide-6 laminates. <i>Polymer Testing</i> , 2018, 65, 231-241.	4.8	44
10	Microscale based prediction of matrix crack initiation in UD composite plies subjected to multiaxial fatigue for all stress ratios and load levels. <i>Composites Science and Technology</i> , 2017, 142, 124-138.	7.8	21
11	Material parameter identification of the elementary ply damage mesomodel using virtual micro-mechanical tests of a carbon fiber epoxy system. <i>Composite Structures</i> , 2017, 181, 391-404.	5.8	18
12	Avoiding interpenetrations and the importance of nesting in analytic geometry construction for Representative Unit Cells of woven composite laminates. <i>Composites Science and Technology</i> , 2016, 136, 119-132.	7.8	45
13	Fatigue Damage Modeling Techniques for Textile Composites: Review and Comparison With Unidirectional Composite Modeling Techniques. <i>Applied Mechanics Reviews</i> , 2015, 67, .	10.1	64