

Sevenoio Rdb

List of Publications by Year in descending order

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Version: 2024-02-01

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276
citing authors

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