

Monsséf DRISSI-HABTI

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

263
citations

840776

11
h-index

940533

16
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24
all docs

24
docs citations

24
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber Optic Sensor Embedment Study for Multi-Parameter Strain Sensing. <i>Sensors</i> , 2017, 17, 667.	3.8	31
2	Numerical simulation analysis as a tool to identify areas of weakness in a turbine wind-blade and solutions for their reinforcement. <i>Composites Part B: Engineering</i> , 2016, 103, 23-39.	12.0	30
3	Numerical simulation of the mechanical behavior of a large smart composite platform under static loads. <i>Composites Part B: Engineering</i> , 2016, 88, 19-25.	12.0	23
4	Finer SHM-Coverage of Inter-Plies and Bondings in Smart Composite by Dual Sinusoidal Placed Distributed Optical Fiber Sensors. <i>Sensors</i> , 2019, 19, 742.	3.8	19
5	Assessment of the mechanical behaviour of SiC fibre reinforced magnesium lithium aluminosilicate glass-ceramic matrix composite tested under uniaxial tensile loading. <i>Journal of the European Ceramic Society</i> , 1997, 17, 33-39.	5.7	16
6	Mechanical properties of a TAS fiber: a preliminary study. <i>Journal of Non-Crystalline Solids</i> , 2003, 316, 131-137.	3.1	16
7	Numerical Simulation for Void Coalescence (Water Treeing) in XLPE Insulation of Submarine Composite Power Cables. <i>Energies</i> , 2020, 13, 5472.	3.1	15
8	Mechanics and modelling of high-frequency mechanical impact and its effect on fatigue. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2013, 57, 97-111.	2.5	14
9	Microstructure and mechanical properties of Hi-Nicalon/BN/SiC-silicon-nitride ceramic-matrix composites. <i>Composites Science and Technology</i> , 1997, 57, 1483-1489.	7.8	13
10	Numerical simulation of a resistant structural bonding in wind-turbine blade through the use of composite cord stitching. <i>Composites Part B: Engineering</i> , 2019, 176, 107094.	12.0	12
11	On-Coupling Mechanical, Electrical and Thermal Behavior of Submarine Power Phases. <i>Energies</i> , 2019, 12, 1009.	3.1	11
12	Stiffening offshore composite wind-blades bonding joints by carbon nanotubes reinforced resin – a new concept. <i>Journal of Structural Integrity and Maintenance</i> , 2020, 5, 87-103.	1.5	10
13	Concept of Placement of Fiber-Optic Sensor in Smart Energy Transport Cable under Tensile Loading. <i>Sensors</i> , 2022, 22, 2444.	3.8	10
14	The modelling of shear stress transfer in Hi-Nicalon/SiC-Si3N4 ceramic-matrix composites by the use of micro-indentation tests. <i>Composites Science and Technology</i> , 1997, 57, 1381-1389.	7.8	9
15	Local mechanical characterisation and modelling of the interfacial behaviour in Hi-Nicalon/SiC-Si3N4 ceramic matrix composites by way of instrumented microindentation tests. <i>Journal of the European Ceramic Society</i> , 1998, 18, 1845-1855.	5.7	5
16	Damage investigations in unidirectional SiC-MAS.L composite materials under quasi-static tensile loading. <i>Journal of the European Ceramic Society</i> , 1994, 14, 91-96.	5.7	4
17	Microindentation tests as a tool for the estimate of mechanical properties and the modeling of the interfacial behavior of ceramic matrix composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 1999, 30, 471-475.	7.6	4
18	Numerical Analysis to Enhance Delamination Strength around Bolt Holes of Unidirectional Pultruded Large Smart Composite Platform. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-12.	1.8	4

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19	Numerical Simulation of Aging by Water-Trees of XPLE Insulator Used in a Single Hi-Voltage Phase of Smart Composite Power Cables for Offshore Farms. <i>Energies</i> , 2022, 15, 1844.	3.1	4
20	Crack growth resistance from natural crack lengths in polycrystalline alumina. <i>Journal of Alloys and Compounds</i> , 1992, 188, 259-263.	5.5	3
21	Modelling of the interfacial behaviour in the Hi-Nicalon fibre-reinforced $\hat{I}\pm$ -Si ₃ N ₄ ceramic matrix composites using microindentation tests. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1998, 250, 178-185.	5.6	3
22	Modeling the bundle bridging mechanism in 2D SiC/C/SiC composite materials. <i>Composites Part A: Applied Science and Manufacturing</i> , 1999, 30, 555-559.	7.6	3
23	Fatigue Behavior of Smart Composites with Distributed Fiber Optic Sensors for Offshore Applications. <i>Journal of Composites Science</i> , 2022, 6, 2.	3.0	3
24	Cost-Effectiveness Concept applied to the development of advanced materials. <i>Advanced Composite Materials</i> , 1999, 8, 87-96.	1.9	1