Monssef DRISSI-HABTI

List of Publications by Year
in descending order

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24	263	840776 11	940533 16
papers	citations	h-index	g-index

24	24	24	229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fatigue Behavior of Smart Composites with Distributed Fiber Optic Sensors for Offshore Applications. Journal of Composites Science, 2022, 6, 2.	3.0	3
2	Concept of Placement of Fiber-Optic Sensor in Smart Energy Transport Cable under Tensile Loading. Sensors, 2022, 22, 2444.	3.8	10
3	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. Energies, 2022, 15, 1844.	3.1	4
4	Numerical Simulation for Void Coalescence (Water Treeing) in XLPE Insulation of Submarine Composite Power Cables. Energies, 2020, 13, 5472.	3.1	15
5	Stiffening offshore composite wind-blades bonding joints by carbon nanotubes reinforced resin â€“ a new concept. Journal of Structural Integrity and Maintenance, 2020, 5, 87-103.	1.5	10
6	Numerical simulation of a resistant structural bonding in wind-turbine blade through the use of composite cord stitching. Composites Part B: Engineering, 2019, 176, 107094.	12.0	12
7	On-Coupling Mechanical, Electrical and Thermal Behavior of Submarine Power Phases. Energies, 2019, 12, 1009.	3.1	11
8	Finer SHM-Coverage of Inter-Plies and Bondings in Smart Composite by Dual Sinusoidal Placed Distributed Optical Fiber Sensors. Sensors, 2019, 19, 742.	3.8	19
9	Numerical Analysis to Enhance Delamination Strength around Bolt Holes of Unidirectional Pultruded Large Smart Composite Platform. Advances in Materials Science and Engineering, 2018, 2018, 1-12.	1.8	4
10	Fiber Optic Sensor Embedment Study for Multi-Parameter Strain Sensing. Sensors, 2017, 17, 667.	3.8	31
11	Numerical simulation analysis as a tool to identify areas of weakness in a turbine wind-blade and solutions for their reinforcement. Composites Part B: Engineering, 2016, 103, 23-39.	12.0	30
12	Numerical simulation of the mechanical behavior of a large smart composite platform under static loads. Composites Part B: Engineering, 2016, 88, 19-25.	12.0	23
13	Mechanics and modelling of high-frequency mechanical impact and its effect on fatigue. Welding in the World, Le Soudage Dans Le Monde, 2013, 57, 97-111.	2.5	14
14	Mechanical properties of a TAS fiber: a preliminary study. Journal of Non-Crystalline Solids, 2003, 316, 131-137.	3.1	16
15	Cost-Effectiveness Concept applied to the development of advanced materials. Advanced Composite Materials, 1999, 8, 87-96.	1.9	1
16	Microindentation tests as a tool for the estimate of mechanical properties and the modeling of the interfacial behavior of ceramic matrix composites. Composites Part A: Applied Science and Manufacturing, 1999, 30, 471-475.	7.6	4
17	Modeling the bundle bridging mechanism in 2D SiC/C/SiC composite materials. Composites Part A: Applied Science and Manufacturing, 1999, 30, 555-559.	7.6	3
18	Local mechanical characterisation and modelling of the interfacial behaviour in Hi-Nicalon/BN/Î±-Si3N4 ceramic matrix composites by way of instrumented microindentation tests. Journal of the European Ceramic Society, 1998, 18, 1845-1855.	5.7	5

#	Article	IF	Citations
19	Modelling of the interfacial behaviour in the Hi-Nicalon fibre-reinforced Î±-Si3N4 ceramic matrix composites using microindentation tests. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1998, 250, 178-185.	5.6	3
20	Assessment of the mechanical behaviour of SiC fibre reinforced magnesium lithium aluminosilicate glass-ceramic matrix composite tested under uniaxial tensile loading. Journal of the European Ceramic Society, 1997, 17, 33-39.	5.7	16
21	The modelling of shear stress transfer in Hi-NicalonÎ±-Si3N4 ceramic-matrix composites by the use of micro-indentation tests. Composites Science and Technology, 1997, 57, 1381-1389.	7.8	9
22	Microstructure and mechanical properties of Hi-Nicalon/BN/Î±-silicon-nitride ceramic-matrix composites. Composites Science and Technology, 1997, 57, 1483-1489.	7.8	13
23	Damage investigations in unidirectional SiC-MAS.L composite materials under quasi-static tensile loading. Journal of the European Ceramic Society, 1994, 14, 91-96.	5.7	4
24	Crack growth resistance from natural crack lengths in polycrystalline alumina. Journal of Alloys and Compounds, 1992, 188, 259-263.	5.5	3