Daniel Scida

List of Publications by Year
in descending order

24	1,326	567144 15	642610 23
papers	citations	h-index	g-index

24	24	24	1086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Implementation of Supervised Classification Method of Acoustic Emission Signals: Damage Mechanisms Identification of Non-hybrid and Hybrid Flax Fibre Composites. Journal of Nondestructive Evaluation, 2022, 41, 1.	1.1	2
2	Dissimilarity-based timeâ€“frequency distributions as features for epileptic EEG signal classification. Biomedical Signal Processing and Control, 2021, 64, 102268.	3.5	12
3	Physico-Mechanical Characterization of Composite Materials Based on Date Palm Tree Fibers. Journal of Natural Fibers, 2021, 18, 789-802.	1.7	23
4	Thermo-mechanical behaviour of flax/green epoxy composites: Evaluation of thermal expansion coefficients and application to internal stress calculation. Industrial Crops and Products, 2021, 170, 113786.	2.5	14
5	Are there similarities between quasi-static indentation and low velocity impact tests for flax-fibre composites?. Industrial Crops and Products, 2021, 171, 113840.	2.5	10
6	Long-term Immersion in Water of Flax-glass Fibre Hybrid Composites: Effect of Stacking Sequence on the Mechanical and Damping Properties. Fibers and Polymers, 2020, 21, 162-169.	1.1	15
7	Mode-I interlaminar fracture toughness of flax, glass and hybrid flax-glass fibre woven composites: Failure mechanism evaluation using acoustic emission analysis. Polymer Testing, 2019, 75, 246-253.	2.3	50
8	Effect of Stacking Sequences on the Mechanical and Damping Properties of Flax Glass Fiber Hybrid. Journal of Renewable Materials, 2019, 7, 877-889.	1.1	2
9	Hygrothermal/UV Aging Effect on Visual Aspect and Mechanical Properties of Non-Woven Natural-Fiber Composites. Journal of Renewable Materials, 2019, 7, 865-875.	1.1	5
10	Damage characterisation of flax fibre fabric reinforced epoxy composites during low velocity impacts using high-speed imaging and Stereo Image Correlation. Composite Structures, 2018, 202, 1186-1194.	3.1	18
11	CaractÃ©risation physique et mÃ©canique du bois et des fibres issus dâ€™une palme mÃ»re de palmier dattier. Materiaux Et Techniques, 2018, 106, 403.	0.3	5
12	Influence of the scattering of flax fibres properties on flax/epoxy woven ply stiffness. Materials and Design, 2017, 122, 136-145.	3.3	31
13	Damage mechanisms assessment of hybrid flax-glass fibre composites using acoustic emission. Composite Structures, 2017, 174, 1-11.	3.1	74
14	Unsupervised clustering for building a learning database of acoustic emission signals to identify damage mechanisms in unidirectional laminates. Applied Acoustics, 2017, 123, 123-132.	1.7	37
15	Hybridisation effect on diffusion kinetic and tensile mechanical behaviour of epoxy based flaxâ€“glass composites. Composites Part A: Applied Science and Manufacturing, 2016, 87, 153-160.	3.8	72
16	Effect of water ageing on the mechanical and damping properties of flax-fibre reinforced composite materials. Composite Structures, 2016, 152, 259-266.	3.1	67
17	Acoustic emission characterization of damage in short hempâ€fiberâ€reinforced polypropylene composites. Polymer Composites, 2016, 37, 1101-1112.	2.3	32
18	Assessment of 3D moisture diffusion parameters on flax/epoxy composites. Composites Part A: Applied Science and Manufacturing, 2016, 80, 53-60.	3.8	45

#	Article	IF	Citations
19	Identification des coefficients dâ€™amortissement de matÃ©riaux composites Ã fibres de lin. Revue Des Composites Et Des Materiaux Avances, 2016, 26, 367-382.	0.2	0
20	Influence of hygrothermal ageing on the damage mechanisms of flax-fibre reinforced epoxy composite. Composites Part B: Engineering, 2013, 48, 51-58.	5.9	223
21	Influence of water ageing on mechanical properties and damage events of two reinforced composite materials: Flaxâ€“fibres and glassâ€“fibres. Materials & Design, 2011, 32, 788-795.	5.1	359
22	The effect of ageing on the damage events in woven-fibre composite materials under different loading conditions. Composites Science and Technology, 2002, 62, 551-557.	3.8	40
23	A micromechanics model for 3D elasticity and failure of woven-fibre composite materials. Composites Science and Technology, 1999, 59, 505-517.	3.8	124
24	Prediction of the elastic behaviour of hybrid and non-hybrid woven composites. Composites Science and Technology, 1998, 57, 1727-1740.	3.8	66