

Daniel Scida

List of Publications by Year in descending order

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24
papers

1,326
citations

567144

15
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642610

23
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24
docs citations

24
times ranked

1086
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of water ageing on mechanical properties and damage events of two reinforced composite materials: Flax fibres and glass fibres. <i>Materials & Design</i> , 2011, 32, 788-795.	5.1	359
2	Influence of hygrothermal ageing on the damage mechanisms of flax-fibre reinforced epoxy composite. <i>Composites Part B: Engineering</i> , 2013, 48, 51-58.	5.9	223
3	A micromechanics model for 3D elasticity and failure of woven-fibre composite materials. <i>Composites Science and Technology</i> , 1999, 59, 505-517.	3.8	124
4	Damage mechanisms assessment of hybrid flax-glass fibre composites using acoustic emission. <i>Composite Structures</i> , 2017, 174, 1-11.	3.1	74
5	Hybridisation effect on diffusion kinetic and tensile mechanical behaviour of epoxy based flax-glass composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 87, 153-160.	3.8	72
6	Effect of water ageing on the mechanical and damping properties of flax-fibre reinforced composite materials. <i>Composite Structures</i> , 2016, 152, 259-266.	3.1	67
7	Prediction of the elastic behaviour of hybrid and non-hybrid woven composites. <i>Composites Science and Technology</i> , 1998, 57, 1727-1740.	3.8	66
8	Mode-I interlaminar fracture toughness of flax, glass and hybrid flax-glass fibre woven composites: Failure mechanism evaluation using acoustic emission analysis. <i>Polymer Testing</i> , 2019, 75, 246-253.	2.3	50
9	Assessment of 3D moisture diffusion parameters on flax/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 80, 53-60.	3.8	45
10	The effect of ageing on the damage events in woven-fibre composite materials under different loading conditions. <i>Composites Science and Technology</i> , 2002, 62, 551-557.	3.8	40
11	Unsupervised clustering for building a learning database of acoustic emission signals to identify damage mechanisms in unidirectional laminates. <i>Applied Acoustics</i> , 2017, 123, 123-132.	1.7	37
12	Acoustic emission characterization of damage in short hemp fiber reinforced polypropylene composites. <i>Polymer Composites</i> , 2016, 37, 1101-1112.	2.3	32
13	Influence of the scattering of flax fibres properties on flax/epoxy woven ply stiffness. <i>Materials and Design</i> , 2017, 122, 136-145.	3.3	31
14	Physico-Mechanical Characterization of Composite Materials Based on Date Palm Tree Fibers. <i>Journal of Natural Fibers</i> , 2021, 18, 789-802.	1.7	23
15	Damage characterisation of flax fibre fabric reinforced epoxy composites during low velocity impacts using high-speed imaging and Stereo Image Correlation. <i>Composite Structures</i> , 2018, 202, 1186-1194.	3.1	18
16	Long-term Immersion in Water of Flax-glass Fibre Hybrid Composites: Effect of Stacking Sequence on the Mechanical and Damping Properties. <i>Fibers and Polymers</i> , 2020, 21, 162-169.	1.1	15
17	Thermo-mechanical behaviour of flax/green epoxy composites: Evaluation of thermal expansion coefficients and application to internal stress calculation. <i>Industrial Crops and Products</i> , 2021, 170, 113786.	2.5	14
18	Dissimilarity-based time-frequency distributions as features for epileptic EEG signal classification. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102268.	3.5	12

#	ARTICLE	IF	CITATIONS
19	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
20	CaractÃ©risation physique et mÃ©canique du bois et des fibres issus d'une palme mÃ©re de palmier dattier. Materiaux Et Techniques, 2018, 106, 403.	0.3	5
21	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
22	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
23	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
24	Identification des coefficients d'amortissement de matÃ©riaux composites Ã fibres de lin. Revue Des Composites Et Des Materiaux Avances, 2016, 26, 367-382.	0.2	0