

Juhyeong Lee

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

303
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic lightning damage prediction of carbon/epoxy composites with material uncertainties. <i>Composite Structures</i> , 2022, 282, 115014.	5.8	15
2	Schlieren techniques for observations of long positive sparks: Review and application. <i>High Voltage</i> , 2022, 7, 825-839.	4.7	4
3	In-plane compression response of woven CFRP composite after low-velocity impact: Modelling and experiment. <i>Thin-Walled Structures</i> , 2021, 158, 107186.	5.3	48
4	Coupled thermal electrical and mechanical lightning damage predictions to carbon/epoxy composites during arc channel shape expansion. <i>Composite Structures</i> , 2021, 255, 112912.	5.8	26
5	Artificial Neural Network (ANN)-Based Residual Strength Prediction of Carbon Fibre Reinforced Composites (CFRCs) After Impact. <i>Applied Composite Materials</i> , 2021, 28, 809-833.	2.5	17
6	Lightning mechanical damage prediction in carbon/epoxy laminates using equivalent air blast overpressure. <i>Composites Part B: Engineering</i> , 2021, 212, 108649.	12.0	13
7	Thermal barrier coating for carbon fiber-reinforced composite materials. <i>Composites Part B: Engineering</i> , 2021, 225, 109308.	12.0	11
8	Lightning arc channel effects on surface damage development on a PRSEUS composite panel: An experimental study. <i>Composites Part B: Engineering</i> , 2021, 224, 109217.	12.0	13
9	Shock wave propagation in long laboratory sparks under negative switching impulses. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 015205.	2.8	6
10	A New Method to Evaluate Length Ratio of Positive and Negative Leaders in Breakdown Process of Composite Insulator String. , 2020, , .		0
11	Experimental Study on Flashover Performance of Hot Sticks under Switching Impulses. , 2020, , .		0
12	Quasi-Isotropic and Pseudo-Ductile Highly Aligned Discontinuous Fibre Composites Manufactured with the HiPerDiF (High Performance Discontinuous Fibre) Technology. <i>Materials</i> , 2019, 12, 1794.	2.9	27
13	Comparison of lightning protection performance of carbon/epoxy laminates with a non-metallic outer layer. <i>Journal of Reinforced Plastics and Composites</i> , 2019, 38, 301-313.	3.1	9
14	Numerical estimations of lightning-induced mechanical damage in carbon/epoxy composites using shock wave overpressure and equivalent air blast overpressure. <i>Composite Structures</i> , 2019, 224, 111039.	5.8	18
15	Impact of corrugations on bifurcation and thermoelastic responses of hat-stiffened panels. <i>Thin-Walled Structures</i> , 2019, 140, 209-221.	5.3	13
16	Temperature-dependent thermal decomposition of carbon/epoxy laminates subjected to simulated lightning currents. <i>Polymer Composites</i> , 2018, 39, E2185.	4.6	12
17	Thermal response of carbon fiber epoxy laminates with metallic and nonmetallic protection layers to simulated lightning currents. <i>Polymer Composites</i> , 2018, 39, E2149.	4.6	20
18	Artificial lightning strike tests on PRSEUS panels. <i>Composites Part B: Engineering</i> , 2018, 154, 467-477.	12.0	27

#	ARTICLE	IF	CITATIONS
19	Thermal spreading analysis of a transversely isotropic heat spreader. International Journal of Thermal Sciences, 2017, 118, 461-474.	4.9	9
20	Development of an experimental setup to study carbon/epoxy composite subjected to simulated lightning current. , 2017, , .		2
21	Characterization, prediction, and optimization of flexural properties of vapor-grown carbon nanofiber/vinyl ester nanocomposites by response surface modeling. Journal of Applied Polymer Science, 2013, 130, 2087-2099.	2.6	13