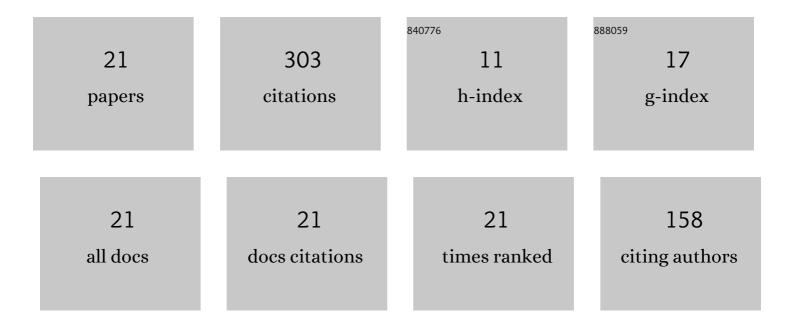
Juhyeong Lee

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stochastic lightning damage prediction of carbon/epoxy composites with material uncertainties. Composite Structures, 2022, 282, 115014.	5.8	15
2	Schlieren techniques for observations of long positive sparks: Review and application. High Voltage, 2022, 7, 825-839.	4.7	4
3	In-plane compression response of woven CFRP composite after low-velocity impact: Modelling and experiment. Thin-Walled Structures, 2021, 158, 107186.	5.3	48
4	Coupled thermal electrical and mechanical lightning damage predictions to carbon/epoxy composites during arc channel shape expansion. Composite Structures, 2021, 255, 112912.	5.8	26
5	Artificial Neural Network (ANN)-Based Residual Strength Prediction of Carbon Fibre Reinforced Composites (CFRCs) After Impact. Applied Composite Materials, 2021, 28, 809-833.	2.5	17
6	Lightning mechanical damage prediction in carbon/epoxy laminates using equivalent air blast overpressure. Composites Part B: Engineering, 2021, 212, 108649.	12.0	13
7	Thermal barrier coating for carbon fiber-reinforced composite materials. Composites Part B: Engineering, 2021, 225, 109308.	12.0	11
8	Lightning arc channel effects on surface damage development on a PRSEUS composite panel: An experimental study. Composites Part B: Engineering, 2021, 224, 109217.	12.0	13
9	Shock wave propagation in long laboratory sparks under negative switching impulses. Journal Physics D: Applied Physics, 2021, 54, 015205.	2.8	6
10	A New Method to Evalute 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. Materials, 2019, 12, 1794.	2.9	27
13	Comparison of lightning protection performance of carbon/epoxy laminates with a non-metallic outer layer. Journal of Reinforced Plastics and Composites, 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. Composite Structures, 2019, 224, 111039.	5.8	18
15	Impact of corrugations on bifurcation and thermoelastic responses of hat-stiffened panels. Thin-Walled Structures, 2019, 140, 209-221.	5.3	13
16	Temperatureâ€dependent thermal decomposition of carbon/epoxy laminates subjected to simulated lightning currents. Polymer Composites, 2018, 39, E2185.	4.6	12
17	Thermal response of carbon fiber epoxy laminates with metallic and nonmetallic protection layers to simulated lightning currents. Polymer Composites, 2018, 39, E2149.	4.6	20
18	Artificial lightning strike tests on PRSEUS panels. Composites Part B: Engineering, 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