Yunfu Ou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5695685/publications.pdf

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15	709	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interlaminar toughening in structural carbon fiber/epoxy composites interleaved with carbon nanotube veils. Composites Part A: Applied Science and Manufacturing, 2019, 124, 105477.	7.6	117
2	Tensile behavior of glass fiber reinforced composite at different strain rates and temperatures. Construction and Building Materials, 2015, 96, 648-656.	7.2	101
3	Mechanical Characterization of the Tensile Properties of Glass Fiber and Its Reinforced Polymer (GFRP) Composite under Varying Strain Rates and Temperatures. Polymers, 2016, 8, 196.	4.5	86
4	Energy storage in structural composites by introducing CNT fiber/polymer electrolyte interleaves. Scientific Reports, 2018, 8, 3407.	3.3	83
5	A review on the tensile behavior of fiber-reinforced polymer composites under varying strain rates and temperatures. Construction and Building Materials, 2021, 294, 123565.	7.2	82
6	Mechanical properties and failure characteristics of CFRP under intermediate strain rates and varying temperatures. Composites Part B: Engineering, 2016, 95, 123-136.	12.0	67
7	Understanding interlaminar toughening of unidirectional CFRP laminates with carbon nanotube veils. Composites Part B: Engineering, 2020, 201, 108372.	12.0	51
8	Strain Rate and Temperature Effects on the Dynamic Tensile Behaviors of Basalt Fiber Bundles and Reinforced Polymer Composite. Journal of Materials in Civil Engineering, 2016, 28, .	2.9	27
9	Flexural response of basalt textile reinforced concrete with pre-tension and short fibers under low-velocity impact loads. Construction and Building Materials, 2018, 169, 859-876.	7.2	23
10	Impact response of basalt textile reinforced concrete subjected to different velocities and temperatures. Construction and Building Materials, 2018, 175, 381-391.	7.2	20
11	The effects of gage length and strain rate on tensile behavior of KevlarÂ® 29 single filament and yarn. Journal of Composite Materials, 2017, 51, 109-123.	2.4	16
12	Damage-tolerant, laminated structural supercapacitor composites enabled by integration of carbon nanotube fibres. Multifunctional Materials, 2020, 3, 015001.	3.7	15
13	Flexural Performance of Basalt Textile-Reinforced Concrete with Pretension and Short Fibers. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	11
14	Experimental and numerical study of multi-scale tensile behaviors of KevlarÂ® 49 fabric. Journal of Composite Materials, 2017, 51, 2449-2465.	2.4	7
15	Assessment of stress transfer in laminated structural power composites produced with mechanically-connected electric double-layer capacitors. Composites Science and Technology, 2022, 218, 109128.	7.8	3