Tsuyoshi Matsuo

List of Publications by Year
in descending order

14	77	1684188 5	1588992 8
papers	citations	h-index	g-index

14	14	14	56
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical modeling and analysis for axial compressive crushing of randomly oriented thermoplastic composite tubes based on the out-of-plane damage mechanism. Composite Structures, 2017, 181, 368-378.	5.8	23
2	Investigation about the fracture behavior and strength in a curved section of CF/PP composite by a thin-curved beam specimen. Advanced Composite Materials, 2015, 24, 249-268.	1.9	13
3	Influence of gripping method on tensile properties of unidirectional thermoplastic CFRP â€“ Round-robin activity for international standardization in Japan. Journal of Composite Materials, 2019, 53, 4161-4171.	2.4	11
4	Experimental method and evaluation for interlaminar shear properties of randomly oriented strand thermoplastic composites based on modified double-notch specimen and two dimensional digital image correlation. Journal of Composite Materials, 2021, 55, 1315-1330.	2.4	8
5	Prediction of fiber-directional flexural strength of carbon fiber-reinforced polypropylene based on timeâ€“temperature superposition principle. Journal of Composite Materials, 2018, 52, 793-805.	2.4	7
6	Non-linear Finite Element Analysis for Three-point Bending Behavior of Discontinuous and Randomly-Oriented Chopped Carbon Fiber Tape-Reinforced Thermoplastic. Journal of the Japan Society for Composite Materials, 2017, 43, 149-159.	0.2	4
7	Evaluation of Young’s Modulus and Out-of-Plane Shear Modulus of Carbon Fiber Reinforced Thermoplastics by Three Point Bending Test. Journal of the Japan Society for Composite Materials, 2013, 39, 221-230.	0.2	3
8	Prediction about Temperature-Dependent Flexural Modulus of Discontinuous and Dispersed Carbon Fiber Mat Reinforced Thermoplastics. Journal of the Japan Society for Composite Materials, 2015, 41, 75-84.	0.2	2
9	Prediction about Time-Dependent Flexural Modulus of Discontinuous and Dispersed Carbon Fiber Mat Reinforced Thermoplastics. Journal of the Japan Society for Composite Materials, 2016, 42, 23-33.	0.2	2
10	Investigation about Unidirectional Compressive Failure Mechanism for Carbon Fiber Reinforced Thermoplastic Composites. Journal of the Japan Society for Composite Materials, 2014, 40, 98-105.	0.2	1
11	Evaluation and Investigation of Strain Rate and Temperature Dependence Using 3-Point Bending Impact Test for Randomly-Oriented Discontinuous Carbon Fiber Reinforced Thermoplastic Composites. Journal of the Japan Society for Composite Materials, 2018, 44, 138-148.	0.2	1
12	Volume Effects and Probabilistic Properties of Chopped Fiber Reinforced Composite Materials. Journal of the Japan Society for Composite Materials, 2018, 44, 92-99.	0.2	1
13	Relationship between Process Conditions and Mechanical Properties of Unidirectional Prepregs Prepared by Melt Impregnation. Journal of the Japan Society for Composite Materials, 2018, 44, 166-172.	0.2	1
14	Investigation about Temperature-Dependent Compressive Strength in Fiber Direction of Thermoplastic CFRP. Journal of the Japan Society for Composite Materials, 2014, 40, 218-226.	0.2	0