Memduh Kara

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4885857/publications.pdf

Version: 2024-02-01

20 papers	507 citations	840776 11 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	306 citing authors

#	Article	IF	Citations
1	Low velocity impact response of prestressed functionally graded hybrid pipes. Composites Part B: Engineering, 2016, 106, 154-163.	12.0	83
2	Impact behavior of carbon fiber/epoxy composite tubes reinforced with multi-walled carbon nanotubes at cryogenic environment. Composites Part B: Engineering, 2018, 145, 145-154.	12.0	73
3	Fatigue behavior of filament wound E-glass/epoxy composite tubes damaged by low velocity impact. Composites Part B: Engineering, 2014, 61, 358-364.	12.0	51
4	Effect of non-penetrating impact damages of pre-stressed GRP tubes at low velocities on the burst strength. Composites Part B: Engineering, 2014, 60, 507-514.	12.0	50
5	Dynamic Response of Laminated Composites Subjected to Low-velocity Impact. Journal of Composite Materials, 2007, 41, 2877-2896.	2.4	45
6	Repairing impact damaged fiber reinforced composite pipes by external wrapping with composite patches. Composite Structures, 2015, 123, 1-8.	5.8	38
7	Effects of the number of fatigue cycles on the impact behavior of glass fiber/epoxy composite tubes. Composites Part B: Engineering, 2017, 123, 55-63.	12.0	30
8	The Effect of Hydrothermal Aging on the Low-Velocity Impact Behavior of Multi-Walled Carbon Nanotubes Reinforced Carbon Fiber/Epoxy Composite Pipes. Applied Composite Materials, 2021, 28, 1567-1587.	2.5	23
9	Effect of hydrothermal aging on the mechanical properties of nanocomposite pipes. Materialpruefung/Materials Testing, 2021, 63, 253-258.	2.2	17
10	Effect of hydrothermal ageing on the mechanical behaviour of graphene nanoplatelets reinforced basalt fibre epoxy composite pipes. Polymers and Polymer Composites, 2021, 29, S166-S177.	1.9	16
11	Tensile Strength Alteration of GFRP Composite Pipes Under Seawater-Dominated Conditions. Journal of Failure Analysis and Prevention, 2020, 20, 1426-1430.	0.9	15
12	Low velocity impact response and damages of GFRP composite tubes under room and cryogenic temperatures. Journal of Composite Materials, 2021, 55, 3567-3577.	2.4	12
13	The investigation of hardness and density properties of GFRP composite pipes under seawater conditions. Turkish Journal of Engineering, 2022, 6, 34-39.	1.2	10
14	Nonpenetrating repeated impact effect to the damage behavior of prestressed glass/epoxy composite pipes. Polymer Composites, 2022, 43, 5047-5058.	4.6	10
15	Experimental study of the impact behavior of laminated composites stricken by sharp impactors. Science and Engineering of Composite Materials, 2012, 19, 307-313.	1.4	9
16	Effects of the Number of Fatigue Cycles on the Hoop Tensile Strength of Glass Fiber/Epoxy Composite Pipes. Journal of Failure Analysis and Prevention, 2019, 19, 1181-1186.	0.9	9
17	Low-velocity impact response of pre-stressed glass fiber/nanotube filled epoxy composite tubes. Journal of Composite Materials, 2021, 55, 915-926.	2.4	7
18	Influence of B₄C on enhancing mechanical properties of AA2014 aluminum matrix composites. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 2536-2545.	2.1	6

#	Article	IF	Citations
19	Effect of WC particles on the mechanical behavior and machinability of aluminum matrix composites. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 10122-10130.	2.1	2
20	Filaman SarÄ±m ile Ãœretilen CTP Kompozit Borularda Tabaka SayÄ±sÄ±nÄ±n TeÄŸetsel Gerilme DayanÄ±mÄ±na Etkisi. Journal of Natural and Applied Sciences, 2017, 21, 666.	0.4	1