Comparative study on mechanical properties of CR340/
point bending test by using theoretical and experiment

International Journal of Precision Engineering and Manufactur

3, 359-365

DOI: 10.1007/s40684-016-0045-z

Citation Report

#	Article	IF	Citations
1	Comparative study on drawability of CR340/CFRP composites by using theoretical and experimental methods. International Journal of Precision Engineering and Manufacturing - Green Technology, 2017, 4, 97-104.	2.7	9
2	Conical roll-twist-bending process for fabrication of metallic Archimedes spiral blade used in small wind power generator. International Journal of Precision Engineering and Manufacturing - Green Technology, 2017, 4, 431-439.	2.7	13
3	Ecofriendly treatment of aloe vera fibers for PLA based green composites. International Journal of Precision Engineering and Manufacturing - Green Technology, 2018, 5, 143-150.	2.7	56
4	A Study on the Sheet Forming of the Lower Seat Rail using 1180 TRIP Steel. International Journal of Precision Engineering and Manufacturing, 2018, 19, 299-302.	1.1	4
5	Joining and fabrication of metal matrix composites by friction stir welding/processing. International Journal of Precision Engineering and Manufacturing - Green Technology, 2018, 5, 151-172.	2.7	30
6	Shear strengthening of steel plates using small-diameter CFRP strands. Composite Structures, 2018, 184, 78-91.	3.1	12
7	A Study on the Fracture Behavior of CFRP Specimen with Bonding Interface under Mode 1 Fatigue Load according to Laminate Angle. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1829-1836.	1.1	4
8	Investigation of Formability and Fiber Orientation in the Square Deep Drawing Process with Steel/CFRP Hybrid Composites. International Journal of Precision Engineering and Manufacturing, 2019, 20, 2019-2031.	1.1	8
9	The Effect of Maleic Anhydride Polyethylene on Mechanical Properties of Pineapple Leaf Fibre Reinforced Polylactic Acid Composites. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 101-112.	2.7	40
10	Development of Laboratory Fatigue Testing Apparatus for Automotive Vehicle Engine Valve Simulating Actual Operating Conditions. International Journal of Precision Engineering and Manufacturing, 2019, 20, 1241-1253.	1.1	4
11	Important Considerations in Manufacturing of Natural Fiber Composites: A Review. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 647-664.	2.7	64
12	Drop-Test Simulations to Investigate Collision Characteristics of Automobile Center-Pillar Structures According to Partial Quenching Area. Key Engineering Materials, 0, 794, 151-159.	0.4	4
13	Effect of Magnesium Addition on Mechanical Properties of Al-Fly Ash Green Composite Produced Under Green Ultrasonic Vibration Process. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 559-566.	2.7	7
14	A Study on the Fatigue Fracture for Out-Plane Shear According to TDCB Slope Angle by Using UD CFRP. International Journal of Precision Engineering and Manufacturing, 2020, 21, 257-264.	1.1	0
15	Crashworthiness and optimization design of quadruple-cell Aluminum/CFRP hybrid tubes under transverse bending. Composite Structures, 2020, 235, 111753.	3.1	41
16	A study on collision characteristic of center-pillar with CR420 and hot stamped steel during side crash simulation. International Journal of Crashworthiness, 2020, , 1-11.	1.1	3
17	High Efficient Composite Stringer Forming Machine for Energy Saving. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 1371-1380.	2.7	1
18	Numerical and experimental study on high-speed nailing process for aluminum/steel structures induced by electromagnetic impact. Archives of Civil and Mechanical Engineering, 2020, 20, 1.	1.9	6

#	Article	IF	Citations
19	Effect of V-Groove Surface Pattern on the Tribological Properties of Epoxy. Tribology Transactions, 2021, 64, 302-312.	1.1	2
20	Experimental and numerical studies of perforated CFRP laminates under quasi-static tensile load. IOP Conference Series: Materials Science and Engineering, 0, 1040, 012011.	0.3	1
21	Molecular Dynamics Simulation for Evaluating Fracture Entropy of a Polymer Material under Various Combined Stress States. Materials, 2021, 14, 1884.	1.3	11
22	Investigation of Tensile and Flexural Behavior of Green Composites along with their Impact Response at Different Energies. International Journal of Precision Engineering and Manufacturing - Green Technology, 2022, 9, 1399-1410.	2.7	21
23	Investigation of Collision Toughness and Energy Distribution for Hot Press Forming Center Pillar Applied with Combination Techniques of Patchwork and Partial Softening Using Side Crash Simulation. Metals, 2022, 12, 1941.	1.0	1
24	Evaluation of Microscopic Damage of PEEK Polymers under Cyclic Loadings Using Molecular Dynamics Simulations. Polymers, 2022, 14, 4955.	2.0	2
25	A Molecular Dynamics Simulation for Thermal Activation Process in Covalent Bond Dissociation of a Crosslinked Thermosetting Polymer. Molecules, 2023, 28, 2736.	1.7	2
26	A Review of Physics-based Models in Prognostics and Health Management of Laminated Composite Structures. International Journal of Precision Engineering and Manufacturing - Green Technology, 2023, 10, 1615-1635.	2.7	6