Mustafa Ã–zgÃ¼r Bora

List of Publications by Year
in descending order

31 papers	563 citations	777949 13 h-index	759306 22 g-index
31 all docs	31 docs citations	31 times ranked	641 citing authors

#	Article	IF	Citations
1	Laser-induced groove optimization for Al/CFRP adhesive joint strength. International Journal of Adhesion and Adhesives, 2021, 107, 102830.	1.4	20
2	Comparison of novel surface treatments of Al 2024 alloy for al/cfrp adhesive bonded joints. International Journal of Adhesion and Adhesives, 2020, 103, 102721.	1.4	18
3	Investigation of the differences between photochemical and photothermal laser ablation on the shear strength of CFRP/CFRP adhesive joints. International Journal of Adhesion and Adhesives, 2020, 98, 102548.	1.4	29
4	Laser surface treatment of CFRP composites for a better adhesive bonding owing to the mechanical interlocking mechanism. Polymer Composites, 2019, 40, 3611-3622.	2.3	31
5	Investigation of accumulated laser fluence and bondline thickness effects on adhesive joint performance of CFRP composites. International Journal of Adhesion and Adhesives, 2019, 89, 109-116.	1.4	20
6	The Effect of CO₂ Laserâ€induced Microhole Formations on Adhesive Bonding Strength of CFRP/CFRP Joints. Polymer Composites, 2019, 40, 2891-2900.	2.3	14
7	The use of volcanic particles in HDPE offers alternative filling material against CaCO 3 . Part IIâ€”scratch properties. Polymer Composites, 2019, 40, 2564-2572.	2.3	1
8	Comparative study of volcanic particle and calcium carbonate filler materials in HDPE for thermal and mechanical properties. Polymer Composites, 2018, 39, E1900.	2.3	8
9	Damage characterization of three point bended honeycomb sandwich structures under different temperatures with cone beam computed tomography technique. Polymer Composites, 2018, 39, 46-54.	2.3	11
10	The influence of heat treatment process on mechanical properties of surface treated volcanic ash particles/polyphenylene sulfide composites. Polymer Composites, 2018, 39, 1604-1611.	2.3	5
11	Heat treatment effect on thermal and thermomechanical properties of polyphenylene sulfide composites reinforced with silaneâ€treated volcanic ash particles. Polymer Composites, 2018, 39, 1612-1619.	2.3	6
12	Heat treatment effect on solid particle erosion properties of polyphenylene sulfide composites reinforced with silane coupled volcanic ash particles. Polymer Composites, 2018, 39, 1638-1646.	2.3	8
13	Mechanical and thermal properties of volcanic particle filled PLA/PBAT composites. Polymer Composites, 2018, 39, E1500.	2.3	23
14	Experimental investigation of single and repeated impacts for repaired honeycomb sandwich structures. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 682, 23-30.	2.6	73
15	The scratch behavior of accelerated aged carbon fiber-reinforced epoxy matrix composite. Polymer Composites, 2016, 37, 3527-3534.	2.3	5
16	Damage characterization of repeatedly impacted glass fiber reinforced polyesterâ€armor steel composites with cone beam computed tomography technique. Polymer Composites, 2016, 37, 583-593.	2.3	5
17	The influence of different circular hole perforations on interlaminar shear strength of a novel fiber metal laminates. Polymer Composites, 2016, 37, 963-973.	2.3	9
18	Thermal, viscoelastic and mechanical properties' optimization of polyphenylene sulfide via optimal processing parameters using the Taguchi method. Journal of Applied Statistics, 2016, 43, 2661-2680.	0.6	4

#	Article	IF	Citations
19	Effect of mixed size particles reinforcing on the thermal and dynamic mechanical properties of <scp>A</scp>l₂<scp>O</scp>₃/<scp>PPS</scp> composites. Polymer Composites, 2016, 37, 3219-3227.	2.3	6
20	Scratch behavior of glass fiber reinforced polyester matrix composite after solid particle erosion. Polymer Composites, 2015, 36, 1958-1966.	2.3	7
21	The influence of low velocity repeated impacts on residual compressive properties of honeycomb sandwich structures. Composite Structures, 2015, 125, 425-433.	3.1	80
22	The influence of heat treatment on scratch behavior of polymethylmethacrylate (PMMA). Tribology International, 2014, 78, 75-83.	3.0	14
23	Possible use of volcanic ash as a filler in polyphenylene sulfide composites: Thermal, mechanical, and erosive wear properties. Polymer Composites, 2014, 35, 1826-1833.	2.3	18
24	Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Erodent Particle Size, Pressure, Particle Impingement Angle, and Velocity. Advances in Polymer Technology, 2013, 32, .	0.8	22
25	The effect of TIO2 filler content on the mechanical, thermal, and tribological properties of TiO2 /PPS composites. Polymer Composites, 2013, 34, 1591-1599.	2.3	13
26	Detecting Impact Damages in an Aramid/Glass Fiber Reinforced Hybrid Composite with Micro Tomography. Advanced Materials Research, 2012, 445, 9-14.	0.3	6
27	The influence of annealing on the crystallization and tribological behavior of MWNT/PEEK nanocomposites. Polymer Composites, 2011, 32, 1766-1771.	2.3	22
28	Instrumented indentation and scratch testing evaluation of tribological properties of tin-based bearing materials. Materials & Design, 2010, 31, 2707-2715.	5.1	22
29	Effect of Fiber Orientation on Scratch Resistance in Unidirectional Carbon-Fiber-Reinforced Polymer Matrix Composites. Journal of Reinforced Plastics and Composites, 2010, 29, 1476-1490.	1.6	28
30	On the life time prediction of repeatedly impacted thermoplastic matrix composites. Materials & Design, 2009, 30, 145-153.	5.1	26
31	The Effects of Thermal Cycles on the Impact Fatigue Properties of Thermoplastic Matrix Composites. Applied Composite Materials, 2008, 15, 99-113.	1.3	9