

Onur Coban

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,261
citations

687363

13
h-index

454955

30
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docs citations

30
times ranked

1214
citing authors

#	ARTICLE	IF	CITATIONS
1	A review: Fibre metal laminates, background, bonding types and applied test methods. <i>Materials & Design</i> , 2011, 32, 3671-3685.	5.1	731
2	The influence of low velocity repeated impacts on residual compressive properties of honeycomb sandwich structures. <i>Composite Structures</i> , 2015, 125, 425-433.	5.8	80
3	Experimental investigation of single and repeated impacts for repaired honeycomb sandwich structures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 682, 23-30.	5.6	73
4	Laser surface treatment of CFRP composites for a better adhesive bonding owing to the mechanical interlocking mechanism. <i>Polymer Composites</i> , 2019, 40, 3611-3622.	4.6	31
5	Effect of Fiber Orientation on Scratch Resistance in Unidirectional Carbon-Fiber-Reinforced Polymer Matrix Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2010, 29, 1476-1490.	3.1	28
6	On the life time prediction of repeatedly impacted thermoplastic matrix composites. <i>Materials & Design</i> , 2009, 30, 145-153.	5.1	26
7	Fracture morphology and deformation characteristics of repeatedly impacted thermoplastic matrix composites. <i>Materials & Design</i> , 2009, 30, 628-634.	5.1	25
8	Mechanical and thermal properties of volcanic particle filled PLA/PBAT composites. <i>Polymer Composites</i> , 2018, 39, E1500.	4.6	23
9	Instrumented indentation and scratch testing evaluation of tribological properties of tin-based bearing materials. <i>Materials & Design</i> , 2010, 31, 2707-2715.	5.1	22
10	The influence of annealing on the crystallization and tribological behavior of MWNT/PEEK nanocomposites. <i>Polymer Composites</i> , 2011, 32, 1766-1771.	4.6	22
11	Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Erodent Particle Size, Pressure, Particle Impingement Angle, and Velocity. <i>Advances in Polymer Technology</i> , 2013, 32, .	1.7	22
12	Laser-induced groove optimization for Al/CFRP adhesive joint strength. <i>International Journal of Adhesion and Adhesives</i> , 2021, 107, 102830.	2.9	20
13	Possible use of volcanic ash as a filler in polyphenylene sulfide composites: Thermal, mechanical, and erosive wear properties. <i>Polymer Composites</i> , 2014, 35, 1826-1833.	4.6	18
14	Comparison of novel surface treatments of Al 2024 alloy for al/cfrp adhesive bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2020, 103, 102721.	2.9	18
15	The Effect of CO ₂ Laser-Induced Microhole Formations on Adhesive Bonding Strength of CFRP/CFRP Joints. <i>Polymer Composites</i> , 2019, 40, 2891-2900.	4.6	14
16	The effect of TiO ₂ filler content on the mechanical, thermal, and tribological properties of TiO ₂ /PPS composites. <i>Polymer Composites</i> , 2013, 34, 1591-1599.	4.6	13
17	Damage characterization of three point bended honeycomb sandwich structures under different temperatures with cone beam computed tomography technique. <i>Polymer Composites</i> , 2018, 39, 46-54.	4.6	11
18	Effect of fiber orientation on viscoelastic properties of polymer matrix composites subjected to thermal cycles. <i>Polymer Composites</i> , 2010, 31, 411-416.	4.6	10

#	ARTICLE	IF	CITATIONS
19	The Effects of Thermal Cycles on the Impact Fatigue Properties of Thermoplastic Matrix Composites. Applied Composite Materials, 2008, 15, 99-113.	2.5	9
20	The influence of different circular hole perforations on interlaminar shear strength of a novel fiber metal laminates. Polymer Composites, 2016, 37, 963-973.	4.6	9
21	Comparative study of volcanic particle and calcium carbonate filler materials in HDPE for thermal and mechanical properties. Polymer Composites, 2018, 39, E1900.	4.6	8
22	Scratch behavior of glass fiber reinforced polyester matrix composite after solid particle erosion. Polymer Composites, 2015, 36, 1958-1966.	4.6	7
23	Detecting Impact Damages in an Aramid/Glass Fiber Reinforced Hybrid Composite with Micro Tomography. Advanced Materials Research, 2012, 445, 9-14.	0.3	6
24	Effect of mixed size particles reinforcing on the thermal and dynamic mechanical properties of A ₂ O ₃ /PPS composites. Polymer Composites, 2016, 37, 3219-3227.	4.6	6
25	Heat treatment effect on thermal and thermomechanical properties of polyphenylene sulfide composites reinforced with silane-treated volcanic ash particles. Polymer Composites, 2018, 39, 1612-1619.	4.6	6
26	The scratch behavior of accelerated aged carbon fiber-reinforced epoxy matrix composite. Polymer Composites, 2016, 37, 3527-3534.	4.6	5
27	Damage characterization of repeatedly impacted glass fiber reinforced polyester armor steel composites with cone beam computed tomography technique. Polymer Composites, 2016, 37, 583-593.	4.6	5
28	The influence of heat treatment process on mechanical properties of surface treated volcanic ash particles/polyphenylene sulfide composites. Polymer Composites, 2018, 39, 1604-1611.	4.6	5
29	Heat treatment effect on erosion behavior of poly(methylmethacrylate) for optical transmittance efficiency. Applied Surface Science, 2014, 317, 405-413.	6.1	4
30	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.	1.3	4