

Lokman Gemi

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42
papers

1,002
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43
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1,453
ext. citations

4.6
avg, IF

5.49
L-index

#	Paper	IF	Citations
42	Cryogenic machining of carbon fiber reinforced plastic (CFRP) composites and the effects of cryogenic treatment on tensile properties: A comparative study. <i>Composites Part B: Engineering</i> , 2018 , 147, 1-11	10	100
41	Investigation of the effect of stacking sequence on low velocity impact response and damage formation in hybrid composite pipes under internal pressure. A comparative study. <i>Composites Part B: Engineering</i> , 2018 , 153, 217-232	10	80
40	Fatigue failure behavior of glass/epoxy 75 filament wound pipes under internal pressure. <i>Composites Science and Technology</i> , 2005 , 65, 703-708	8.6	72
39	Progressive fatigue failure behavior of glass/epoxy (75)2 filament-wound pipes under pure internal pressure. <i>Materials & Design</i> , 2009 , 30, 4293-4298		68
38	Low velocity impact response of prestressed functionally graded hybrid pipes. <i>Composites Part B: Engineering</i> , 2016 , 106, 154-163	10	63
37	Experimental and statistical analysis of low velocity impact response of filament wound composite pipes. <i>Composites Part B: Engineering</i> , 2018 , 149, 38-48	10	63
36	Experimental investigation of fatigue damage formation of hybrid pipes subjected to impact loading under internal pre-stress. <i>Composites Part B: Engineering</i> , 2017 , 119, 196-205	10	48
35	An experimental study on the effects of various drill types on drilling performance of GFRP composite pipes and damage formation. <i>Composites Part B: Engineering</i> , 2019 , 172, 186-194	10	46
34	The effects of stacking sequence on drilling machinability of filament wound hybrid composite pipes: Part-1 mechanical characterization and drilling tests. <i>Composites Part B: Engineering</i> , 2020 , 186, 107787	10	39
33	Experimental study on compressive behavior and failure analysis of composite concrete confined by glass/epoxy 55 filament wound pipes. <i>Composite Structures</i> , 2018 , 187, 157-168	5.3	38
32	Experimental and theoretical investigation on flexure performance of pultruded GFRP composite beams with damage analyses. <i>Composite Structures</i> , 2020 , 242, 112162	5.3	35
31	The effects of stacking sequence on drilling machinability of filament wound hybrid composite pipes: Part-2 damage analysis and surface quality. <i>Composite Structures</i> , 2020 , 235, 111737	5.3	35
30	Buckling and free vibration analyses of pultruded GFRP laminated composites: Experimental, numerical and analytical investigations. <i>Composite Structures</i> , 2020 , 254, 112806	5.3	32
29	Fatigue Crack Growth Behavior of Filament Wound Composite Pipes in Corrosive Environment. <i>Journal of Reinforced Plastics and Composites</i> , 2009 , 28, 2957-2970	2.9	28
28	Experimental investigation of shear capacity and damage analysis of thinned end prefabricated concrete purlins strengthened by CFRP composite. <i>Composite Structures</i> , 2019 , 229, 111399	5.3	24
27	Experimental analysis of reinforced concrete shear deficient beams with circular web openings strengthened by CFRP composite. <i>Composite Structures</i> , 2020 , 249, 112561	5.3	22
26	A progressive damage model for pressurized filament-wound hybrid composite pipe under low-velocity impact. <i>Composite Structures</i> , 2021 , 276, 114520	5.3	20

25	Determination of mechanical properties of polymer matrix composites reinforced with electrospinning N66, PAN, PVA and PVC nanofibers: A comparative study. <i>Materials Today Communications</i> , 2021 , 26, 101939	2.5	18
24	Experimental investigation of the effect of diameter upon low velocity impact response of glass fiber reinforced composite pipes. <i>Composite Structures</i> , 2021 , 275, 114428	5.3	18
23	Experimental study on the effects of cold chamber die casting parameters on high-speed drilling machinability of casted AZ91 alloy. <i>Journal of Manufacturing Processes</i> , 2020 , 57, 136-152	5	14
22	Comparison of stability of titanium and absorbable plate and screw fixation for mandibular angle fractures. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008 , 106, 806-11		14
21	Numerical investigation of the parameters influencing the behavior of dapped end prefabricated concrete purlins with and without CFRP strengthening. <i>Construction and Building Materials</i> , 2021 , 275, 122173	6.7	14
20	Experimental, analytical and numerical investigation of pultruded GFRP composite beams infilled with hybrid FRP reinforced concrete. <i>Engineering Structures</i> , 2021 , 244, 112790	4.7	14
19	Application of Filament Winding Technology in Composite Pressure Vessels and Challenges: A Review. <i>Journal of Energy Storage</i> , 2022 , 49, 103468	7.8	12
18	Change in Porosity of A356 by Holding Time and Its Effect on Mechanical Properties. <i>Journal of Materials Engineering and Performance</i> , 2018 , 27, 5141-5151	1.6	11
17	Relationship Between Machinability, Microstructure, and Mechanical Properties of Al-7Si Alloy. <i>Journal of Testing and Evaluation</i> , 2018 , 46, 20170083	1	10
16	Finite Element Analysis of Impact-Induced Damage in Pressurized Hybrid Composites Pipes. <i>International Journal of Applied Mechanics</i> ,	2.4	9
15	Shear strengthening of reinforced concrete T-beams with anchored and non-anchored CFRP fabrics. <i>Structures</i> , 2022 , 39, 527-542	3.4	8
14	Experimental investigation of axial compression behavior after low velocity impact of glass fiber reinforced filament wound pipes with different diameter. <i>Composite Structures</i> , 2021 , 114929	5.3	7
13	The Effect of Nonwoven Electrospun PAN Nanofiber Mat on Mechanical and Thermal Properties of Epoxy Composites. <i>Journal of Natural and Applied Sciences</i> , 2018 , 22, 528	0	6
12	The effect of 0.5 wt% additions of carbon nanotubes & ceramic nanoparticles on tensile properties of epoxy-matrix composites: a comparative study. 2017 , 01,		5
11	The Effect of Nylon 6.6 Nanofiber Layers on Mechanical Properties of Epoxy. <i>The International Journal of Engineering & Science</i> , 2016 , 5, 86-89		5
10	Correlation Between Machinability and Chip Morphology of Austempered Ductile Iron. <i>Journal of Testing and Evaluation</i> , 2018 , 46, 20160490	1	4
9	İplik, Cam FRP ve Hibrit Donatılı Betonarme Kirişlerin Eilme Performanslarının İncelenmesi. <i>Düce Üniversitesi Bilim Ve Teknoloji Dergisi</i> , 1470-1483	0.1	4
8	İnceltilmiş Betonun Betonarme Kirişlerinin Yıkılma Kapasitelerinin Deneysel ve Analitik Olarak İncelenmesi. <i>Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers</i> ,	2	3

7	The Effect of Sr Modification and Holding Time on Si Morphology and Mechanical Properties of ETIAL 195 Alloy. <i>Pamukkale University Journal of Engineering Sciences</i> , 2015 , 21, 348-351	1.1	3
6	İKME BİGESİ LİFLİ BETON OLAN CAM FİBER TAKVİYELİ POLİMER (GFRP) ve ELİK DONATILI ETRİYESİZ KİRİLERİN EĞME ETKİSİ ALTINDAKİ DAVRANI VE HASAR ANALİZİ. <i>Konya Journal of Engineering Sciences</i> , 2018 , 6, 654-667	0.1	2
5	An Investigation on Static Analysis of Pultruded GFRP Composite Beams. <i>Academic Platform Journal of Engineering and Science</i> ,	0.1	2
4	TENSILE AND COMPRESSIVE BEHAVIORS OF THE PULTRUDED GRFP LAMINA. <i>Turkish Journal of Engineering</i> ,	0.6	2
3	Behavior of CFRP-strengthened RC beams with circular web openings in shear zones: Numerical study. <i>Structures</i> , 2022 , 41, 1369-1389	3.4	2
2	ETİAL 221 Alaımında Katılaşma Hızı ve Su Verme Ortamlarının Mekanik Özelliklere Etkisinin İstatistiksel Analizi. <i>Uludağ University Journal of the Faculty of Engineering</i> , 2020 , 25, 169-186	0.1	1
1	DROSOPHILA MELANOGASTERİN BİYOLOJİK ÖZELLİKLERİNE NANOFİBERİN ETKİSİ. <i>Sakarya University Journal of Science</i> , 1-1	0.3	