Lokman Gemi

List of Publications by Year
in descending order

43 papers	1,845 citations	236925 25 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	644 citing authors

#	Article	IF	Citations
1	Cryogenic machining of carbon fiber reinforced plastic (CFRP) composites and the effects of cryogenic treatment on tensile properties: A comparative study. Composites Part B: Engineering, 2018, 147, 1-11.	12.0	143
2	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. Composites Part B: Engineering, 2018, 153, 217-232.	12.0	114
3	An experimental study on the effects of various drill types on drilling performance of GFRP composite pipes and damage formation. Composites Part B: Engineering, 2019, 172, 186-194.	12.0	88
4	Application of Filament Winding Technology in Composite Pressure Vessels and Challenges: A Review. Journal of Energy Storage, 2022, 49, 103468.	8.1	88
5	Fatigue failure behavior of glass/epoxy ï¿½55 filament wound pipes under internal pressure. Composites Science and Technology, 2005, 65, 703-708.	7.8	85
6	Low velocity impact response of prestressed functionally graded hybrid pipes. Composites Part B: Engineering, 2016, 106, 154-163.	12.0	83
7	Experimental and statistical analysis of low velocity impact response of filament wound composite pipes. Composites Part B: Engineering, 2018, 149, 38-48.	12.0	82
8	Progressive fatigue failure behavior of glass/epoxy (Â±75)2 filament-wound pipes under pure internal pressure. Materials & Design, 2009, 30, 4293-4298.	5.1	79
9	Experimental and theoretical investigation on flexure performance of pultruded GFRP composite beams with damage analyses. Composite Structures, 2020, 242, 112162.	5.8	74
10	The effects of stacking sequence on drilling machinability of filament wound hybrid composite pipes: Part-1 mechanical characterization and drilling tests. Composites Part B: Engineering, 2020, 186, 107787.	12.0	71
11	The effects of stacking sequence on drilling machinability of filament wound hybrid composite pipes: Part-2 damage analysis and surface quality. Composite Structures, 2020, 235, 111737.	5.8	67
12	Buckling and free vibration analyses of pultruded GFRP laminated composites: Experimental, numerical and analytical investigations. Composite Structures, 2020, 254, 112806.	5.8	61
13	Experimental investigation of fatigue damage formation of hybrid pipes subjected to impact loading under internal pre-stress. Composites Part B: Engineering, 2017, 119, 196-205.	12.0	60
14	Experimental analysis of reinforced concrete shear deficient beams with circular web openings strengthened by CFRP composite. Composite Structures, 2020, 249, 112561.	5.8	60
15	Experimental investigation of shear capacity and damage analysis of thinned end prefabricated concrete purlins strengthened by CFRP composite. Composite Structures, 2019, 229, 111399.	5.8	57
16	Numerical investigation of the parameters influencing the behavior of dapped end prefabricated concrete purlins with and without CFRP strengthening. Construction and Building Materials, 2021, 275, 122173.	7.2	57
17	Experimental, analytical and numerical investigation of pultruded GFRP composite beams infilled with hybrid FRP reinforced concrete. Engineering Structures, 2021, 244, 112790.	5.3	54
18	A progressive damage model for pressurized filament-wound hybrid composite pipe under low-velocity impact. Composite Structures, 2021, 276, 114520.	5.8	51

#	Article	IF	Citations
19	Experimental study on compressive behavior and failure analysis of composite concrete confined by glass/epoxy Â±55Â° filament wound pipes. Composite Structures, 2018, 187, 157-168.	5.8	48
20	Shear strengthening of reinforced concrete T-beams with anchored and non-anchored CFRP fabrics. Structures, 2022, 39, 527-542.	3.6	44
21	Behavior of CFRP-strengthened RC beams with circular web openings in shear zones: Numerical study. Structures, 2022, 41, 1369-1389.	3.6	41
22	Experimental investigation of the effect of diameter upon low velocity impact response of glass fiber reinforced composite pipes. Composite Structures, 2021, 275, 114428.	5.8	40
23	Experimental investigation of axial compression behavior after low velocity impact of glass fiber reinforced filament wound pipes with different diameter. Composite Structures, 2022, 280, 114929.	5.8	32
24	Determination of mechanical properties of polymer matrix composites reinforced with electrospinning N66, PAN, PVA and PVC nanofibers: A comparative study. Materials Today Communications, 2021, 26, 101939.	1.9	31
25	Fatigue Crack Growth Behavior of Filament Wound Composite Pipes in Corrosive Environment. Journal of Reinforced Plastics and Composites, 2009, 28, 2957-2970.	3.1	29
26	Experimental study on the effects of cold chamber die casting parameters on high-speed drilling machinability of casted AZ91 alloy. Journal of Manufacturing Processes, 2020, 57, 136-152.	5.9	25
27	TENSILE AND COMPRESSIVE BEHAVIORS OF THE PULTRUDED GFRP LAMINA. Turkish Journal of Engineering, 2020, 4, 169-175.	1.2	25
28	Finite Element Analysis of Impact-Induced Damage in Pressurized Hybrid Composites Pipes. International Journal of Applied Mechanics, 2021, 13, .	2.2	22
29	Experimental and Numerical Investigation of Load Bearing Capacity of Thinned End Precast Purlin Beams and Solution Proposals. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 2021, 32, 10823-10858.	1.1	20
30	Relationship Between Machinability, Microstructure, and Mechanical Properties of Al-7Si Alloy. Journal of Testing and Evaluation, 2018, 46, 2592-2603.	0.7	19
31	Comparison of stability of titanium and absorbable plate and screw fixation for mandibular angle fractures. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 806-811.	1.4	16
32	A review on drilling of FML stacks with conventional and unconventional processing methods under different conditions. Composite Structures, 2022, 297, 115913.	5.8	15
33	Change in Porosity of A356 by Holding Time and Its Effect on Mechanical Properties. Journal of Materials Engineering and Performance, 2018, 27, 5141-5151.	2.5	14
34	The effect of 0.5 wt% additions of carbon nanotubes & ceramic nanoparticles on tensile properties of epoxy-matrix composites: a comparative study.. , 2017, 01, .		9
35	Correlation Between Machinability and Chip Morphology of Austempered Ductile Iron. Journal of Testing and Evaluation, 2018, 46, 1012-1021.	0.7	7
36	The Effect of Nonwoven Electrospun PAN Nanofiber Mat on Mechanical and Thermal Properties of Epoxy Composites. Journal of Natural and Applied Sciences, 2018, 22, 528.	0.4	7

#	Article	IF	Citations
37	The Effect of Nylon 6.6 Nanofiber Layers on Mechanical Properties of Epoxy. The International Journal of Engineering & Science, 2016, 5, 86-89.	0.2	7
38	Investigation of Flexural Performance of Steel, Glass FRP and Hybrid Reinforced Concrete Beams. DÃ¼zce Ãœniversitesi Bilim Ve Teknoloji Dergisi, 2020, 8, 1470-1483.	0.7	6
39	An Investigation on Static Analysis of Pultruded GFRP Composite Beams. Academic Platform Journal of Engineering and Science, 0, , .	0.6	5
40	Ã‡EKME BÃ–LGESÄ° LÄ°FLÄ° BETON OLAN CAM FÄ°BER TAKVÄ°YELÄ° POLÄ°MER (GFRP) ve Ã‡ELÄ°K DONATILI ETRÄ°YESÄ°Z KÄ°RÄ°Åž EÄžÄ°LME ETKÄ°SÄ° ALTINDAKÄ° DAVRANIÅžI ve HASAR ANALÄ°ZÄ°. Konya Journal of Engineering Sciences, 2018, 6, 654-667.	0.3	4
41	The Effect of Sr Modification and Holding Time on Si Morphology and Mechanical Properties of ETIAL 195 Alloy. Pamukkale University Journal of Engineering Sciences, 2015, 21, 348-351.	0.4	4
42	ETÄ°AL 221 AlaÅŸÄ±mÄ±nda KatÄ±laÅŸma HÄ±zÄ± ve Su Verme OrtamlarÄ±nÄ±n Mekanik Ã–zelliklere Etkisinin Ä°statistiksel Analizi. UludaÄŸ University Journal of the Faculty of Engineering, 2020, 25, 169-186.	0.2	1
43	DROSOPHILA MELANOGASTER'IN BÄ°YOLOJÄ°K Ã–ZELLÄ°KLERÄ°NE NANOFÄ°BERÄ°N ETKÄ°SÄ°. Sakarya University Journal of Science, 0, , 1-1.	0.7	0