

# Lokman Gemi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7131181/publications.pdf>

Version: 2024-02-01

43  
papers

1,845  
citations

236612

25  
h-index

288905

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. <i>Composites Part B: Engineering</i> , 2018, 147, 1-11.	5.9	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. <i>Composites Part B: Engineering</i> , 2018, 153, 217-232.	5.9	114
3	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.	5.9	88
4	Application of Filament Winding Technology in Composite Pressure Vessels and Challenges: A Review. <i>Journal of Energy Storage</i> , 2022, 49, 103468.	3.9	88
5	Fatigue failure behavior of glass/epoxy $\pm 45^\circ$ filament wound pipes under internal pressure. <i>Composites Science and Technology</i> , 2005, 65, 703-708.	3.8	85
6	Low velocity impact response of prestressed functionally graded hybrid pipes. <i>Composites Part B: Engineering</i> , 2016, 106, 154-163.	5.9	83
7	Experimental and statistical analysis of low velocity impact response of filament wound composite pipes. <i>Composites Part B: Engineering</i> , 2018, 149, 38-48.	5.9	82
8	Progressive fatigue failure behavior of glass/epoxy $(\pm 75^\circ)_2$ filament-wound pipes under pure internal pressure. <i>Materials &amp; Design</i> , 2009, 30, 4293-4298.	5.1	79
9	Experimental and theoretical investigation on flexure performance of pultruded GFRP composite beams with damage analyses. <i>Composite Structures</i> , 2020, 242, 112162.	3.1	74
10	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.	5.9	71
11	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.	3.1	67
12	Buckling and free vibration analyses of pultruded GFRP laminated composites: Experimental, numerical and analytical investigations. <i>Composite Structures</i> , 2020, 254, 112806.	3.1	61
13	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.	5.9	60
14	Experimental analysis of reinforced concrete shear deficient beams with circular web openings strengthened by CFRP composite. <i>Composite Structures</i> , 2020, 249, 112561.	3.1	60
15	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.	3.1	57
16	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.	3.2	57
17	Experimental, analytical and numerical investigation of pultruded GFRP composite beams infilled with hybrid FRP reinforced concrete. <i>Engineering Structures</i> , 2021, 244, 112790.	2.6	54
18	A progressive damage model for pressurized filament-wound hybrid composite pipe under low-velocity impact. <i>Composite Structures</i> , 2021, 276, 114520.	3.1	51

#	ARTICLE	IF	CITATIONS
19	Experimental study on compressive behavior and failure analysis of composite concrete confined by glass/epoxy $\pm 55^\circ$ filament wound pipes. <i>Composite Structures</i> , 2018, 187, 157-168.	3.1	48
20	Shear strengthening of reinforced concrete T-beams with anchored and non-anchored CFRP fabrics. <i>Structures</i> , 2022, 39, 527-542.	1.7	44
21	Behavior of CFRP-strengthened RC beams with circular web openings in shear zones: Numerical study. <i>Structures</i> , 2022, 41, 1369-1389.	1.7	41
22	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.	3.1	40
23	Experimental investigation of axial compression behavior after low velocity impact of glass fiber reinforced filament wound pipes with different diameter. <i>Composite Structures</i> , 2022, 280, 114929.	3.1	32
24	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.	0.9	31
25	Fatigue Crack Growth Behavior of Filament Wound Composite Pipes in Corrosive Environment. <i>Journal of Reinforced Plastics and Composites</i> , 2009, 28, 2957-2970.	1.6	29
26	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.	2.8	25
27	TENSILE AND COMPRESSIVE BEHAVIORS OF THE PULTRUDED GFRP LAMINA. <i>Turkish Journal of Engineering</i> , 2020, 4, 169-175.	0.7	25
28	Finite Element Analysis of Impact-Induced Damage in Pressurized Hybrid Composites Pipes. <i>International Journal of Applied Mechanics</i> , 2021, 13, .	1.3	22
29	Experimental and Numerical Investigation of Load Bearing Capacity of Thinned End Precast Purlin Beams and Solution Proposals. <i>Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers</i> , 2021, 32, 10823-10858.	0.5	20
30	Relationship Between Machinability, Microstructure, and Mechanical Properties of Al-7Si Alloy. <i>Journal of Testing and Evaluation</i> , 2018, 46, 2592-2603.	0.4	19
31	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, 806-811.	1.6	16
32	A review on drilling of FML stacks with conventional and unconventional processing methods under different conditions. <i>Composite Structures</i> , 2022, 297, 115913.	3.1	15
33	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.	1.2	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. <i>Journal of Testing and Evaluation</i> , 2018, 46, 1012-1021.	0.4	7
36	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.	0.1	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. Düzce Üniversitesi Bilim Ve Teknoloji Dergisi, 2020, 8, 1470-1483.	0.2	6
39	An Investigation on Static Analysis of Pultruded GFRP Composite Beams. Academic Platform Journal of Engineering and Science, 0, , .	0.5	5
40	İÇME BİLGESİ FLORİT BETON OLAN CAM FİBER TAKVİYELİ POLİMER (GFRP) ve İÇELİK DONATILI ETRİYERLİ KARBONLULME ETKİSİ ALTINDAKİ DAVRANIŞI ve HASAR ANALİZİ. Konya Journal of Engineering Sciences, 2018, 6, 654-667.	0.1	4
41	The Effect of Sr Modification and Holding Time on Si Morphology and Mechanical Properties of ETAL 195 Alloy. Pamukkale University Journal of Engineering Sciences, 2015, 21, 348-351.	0.2	4
42	ETAL 221 Alaşımında Katılaşma Hızı ve Su Verme Ortamlarının Mekanik Özelliklere Etkisinin İstatistiksel Analizi. Uludağ University Journal of the Faculty of Engineering, 2020, 25, 169-186.	0.2	1
43	DROSOPHILA MELANOGASTER'İN BİYOLOJİK ÖZELLİKLERİNE NANOFİBERİN ETKİSİ. Sakarya University Journal of Science, 0, , 1-1.	0.3	0