

# Noorfaizal Yidris

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7144069/publications.pdf>

Version: 2024-02-01

41  
papers

971  
citations

430874

18  
h-index

434195

31  
g-index

41  
all docs

41  
docs citations

41  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Mechanical Properties of Honeycomb Sandwich Structure with Kenaf/glass Hybrid Composite Facesheet. <i>Journal of Natural Fibers</i> , 2022, 19, 4923-4937.	3.1	6
2	Linear-Nonlinear Stiffness Responses of Carbon Fiber-Reinforced Polymer Composite Materials and Structures: A Numerical Study. <i>Polymers</i> , 2021, 13, 344.	4.5	16
3	Utilization of Bracing Arms as Additional Reinforcement in Pultruded Glass Fiber-Reinforced Polymer Composite Cross-Arms: Creep Experimental and Numerical Analyses. <i>Polymers</i> , 2021, 13, 620.	4.5	42
4	Influence of Additional Bracing Arms as Reinforcement Members in Wooden Timber Cross-Arms on Their Long-Term Creep Responses and Properties. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2061.	2.5	34
5	Experimental Investigation on the Mechanical Properties of a Sandwich Structure Made of Flax/Glass Hybrid Composite Facesheet and Honeycomb Core. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-10.	2.7	7
6	Comparison of Static and Long-term Creep Behaviors between Balau Wood and Glass Fiber Reinforced Polymer Composite for Cross-arm Application. <i>Fibers and Polymers</i> , 2021, 22, 793-803.	2.1	50
7	Potential of Honeycomb-Filled Composite Structure in Composite Cross-Arm Component: A Review on Recent Progress and Its Mechanical Properties. <i>Polymers</i> , 2021, 13, 1341.	4.5	30
8	Study of Mosquito Aerodynamics for Imitation as a Small Robot and Flight in a Low-Density Environment. <i>Micromachines</i> , 2021, 12, 511.	2.9	3
9	Advances of composite cross arms with incorporation of material core structures: Manufacturability, recent progress and views. <i>Journal of Materials Research and Technology</i> , 2021, 13, 1115-1131.	5.8	29
10	Conceptual design of the cross-arm for the application in the transmission towers by using TRIZâ€™morphological chartâ€™ANP methods. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9182-9188.	5.8	39
11	Experimental and Numerical Analysis of Fatigue Life of Aluminum Al 2024-T351 at Elevated Temperature. <i>Metals</i> , 2020, 10, 1581.	2.3	16
12	Numerical Prediction of Residual Stresses Distribution in Thin-Walled Press-Braked Stainless Steel Sections. <i>Materials</i> , 2020, 13, 5378.	2.9	4
13	Potential Application of Green Composites for Cross Arm Component in Transmission Tower: A Brief Review. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-15.	2.7	80
14	Experimental and numerical investigation of the mechanical behavior of full-scale wooden cross arm in the transmission towers in terms of load-deflection test. <i>Journal of Materials Research and Technology</i> , 2020, 9, 7937-7946.	5.8	26
15	An Energy-Based Concept for Yielding of Multidirectional FRP Composite Structures Using a Mesoscale Lamina Damage Model. <i>Polymers</i> , 2020, 12, 157.	4.5	48
16	Conceptual design of multi-operation outdoor flexural creep test rig using hybrid concurrent engineering approach. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2357-2368.	5.8	48
17	Woods and composites cantilever beam: A comprehensive review of experimental and numerical creep methodologies. <i>Journal of Materials Research and Technology</i> , 2020, 9, 6759-6776.	5.8	102
18	Evaluation of Design and Simulation of Creep Test Rig for Full-Scale Crossarm Structure. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-10.	0.7	23

#	ARTICLE	IF	CITATIONS
19	The Effects of Loading Conditions on the Behaviour of Fixed-Ended Plain Channel Columns. <i>Materials</i> , 2020, 13, 1441.	2.9	0
20	Integration of <scp>TRIZ</scp>, morphological chart and <scp>ANP</scp> method for development of <scp>FRP</scp> composite portable fire extinguisher. <i>Polymer Composites</i> , 2020, 41, 2917-2932.	4.6	78
21	Creep test rig for cantilever beam: Fundamentals, prospects and present views. <i>Journal of Mechanical Engineering and Sciences</i> , 2020, 14, 6869-6887.	0.6	27
22	Hybridization of TRIZ and CAD-analysis at the conceptual design stage.. <i>International Journal of Computer Integrated Manufacturing</i> , 2019, 32, 890-899.	4.6	6
23	Conceptual design of creep testing rig for full-scale cross arm using TRIZ-Morphological chart-analytic network process technique. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5647-5658.	5.8	60
24	Investigation into the distribution of residual stresses in pressed-braked thin-walled steel lipped channel sections using the 3D-FEM technique. <i>Thin-Walled Structures</i> , 2019, 135, 437-445.	5.3	3
25	Effect of fiber loading directions on the low cycle fatigue of intraply carbon-Kevlar reinforced epoxy hybrid composites. <i>Composite Structures</i> , 2019, 212, 476-483.	5.8	35
26	An investigation on longitudinal residual strains distribution of thin-walled press-braked cold formed steel sections using 3D FEM technique. <i>Heliyon</i> , 2018, 4, e00937.	3.2	5
27	Detection, Localisation and Assessment of Defects in Pipes Using Guided Wave Techniques: A Review. <i>Sensors</i> , 2018, 18, 4470.	3.8	66
28	The localâ€‘overall flexural interaction of fixed-ended plain channel columns and the influence on behaviour of local conditions at the constituent plate ends. <i>Thin-Walled Structures</i> , 2014, 81, 132-137.	5.3	11
29	Damage Identification and Classification in CFRP Laminates â€‘ A SEM Based Study. <i>Applied Mechanics and Materials</i> , 2012, 225, 138-143.	0.2	0
30	Implementation of Extreme Low Power Micro-Controller for a Wireless Structural Health Monitoring (SHM) System. <i>Applied Mechanics and Materials</i> , 2012, 225, 344-349.	0.2	1
31	A Study on the Effect of Upstream Square Blockage of a Rotating Cylinder. <i>Applied Mechanics and Materials</i> , 2012, 225, 13-17.	0.2	0
32	The failure of thin-walled lipped channel compression members due to coupled local-distortional interactions and material yielding. <i>Thin-Walled Structures</i> , 2012, 61, 14-21.	5.3	44
33	The effects of local buckling and material yielding on the axial stiffness and failure of uniformly compressed I-section and box-section struts. <i>Thin-Walled Structures</i> , 2011, 49, 264-279.	5.3	14
34	The influence of post-local buckling mechanics on the stress variations, axial stiffness and ultimate failure strength of uniformly compressed thin-walled i-section struts. <i>Journal of Physics: Conference Series</i> , 2009, 181, 012031.	0.4	1
35	Damage Classification in CFRP Laminates Using Principal Component Analysis (PCA) Approach. <i>Applied Mechanics and Materials</i> , 0, 225, 189-194.	0.2	0
36	Failure Mechanics of Uniformly Compressed Thin-Walled Box-Section Struts. <i>Applied Mechanics and Materials</i> , 0, 225, 172-177.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Local-Overall Flexural Interaction of Pinned-Ended Thin-Walled I-Section Columns. Applied Mechanics and Materials, 0, 564, 444-448.	0.2	2
38	Quasi Static Analysis of a Biocomposite Aircraft Radome. Applied Mechanics and Materials, 0, 629, 78-81.	0.2	3
39	The Effect of Layers and Bullet Type on Impact Properties of Glass Fibre Reinforced Polymer (GFRP) Using a Single Stage Gas Gun (SSGG). Applied Mechanics and Materials, 0, 564, 428-433.	0.2	4
40	High Velocity Impact Test on Glass Fibre Reinforced Polymer (GFRP) Using a Single Stage Gas Gun (SSGG) - An Experimental Based Approach. Applied Mechanics and Materials, 0, 564, 376-381.	0.2	3
41	Impact Damage Analysis for Glass Reinforced Epoxy Laminated Plates Using Single Stage Gas Gun. Applied Mechanics and Materials, 0, 564, 382-387.	0.2	3