

# Mohd Yazid Yahya

## List of Publications by Year in descending order

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31  
papers

561  
citations

623734

14  
h-index

642732

23  
g-index

31  
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docs citations

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times ranked

559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical characterization and water absorption behaviors of pineapple leaf/glass fiber reinforced polypropylene hybrid composites. <i>Polymer Composites</i> , 2022, 43, 203-214.	4.6	18
2	Fire retardancy, thermal, and physico-mechanical properties of semi-rigid water-blown polyurethane foam from palm oil-based polyol. <i>Frontiers in Forests and Global Change</i> , 2022, 41, 103-118.	1.1	5
3	A focused review of short electrospun nanofiber preparation techniques for composite reinforcement. <i>Nanotechnology Reviews</i> , 2022, 11, 1991-2014.	5.8	14
4	Mechanical, microstructural, and dynamic mechanical properties of electrospun short nanofiber reinforced epoxy composites. <i>Polymer Composites</i> , 2022, 43, 7028-7043.	4.6	5
5	Dynamic response of aluminium sheet 2024-T3 subjected to close-range shock wave: experimental and numerical studies. <i>Journal of Materials Research and Technology</i> , 2021, 10, 349-362.	5.8	6
6	Mechanical Behaviour of Pin-Reinforced Foam Core Sandwich Panels Subjected to Low Impact Loading. <i>Polymers</i> , 2021, 13, 3627.	4.5	15
7	Hybrid and Synthetic FRP Composites under Different Strain Rates: A Review. <i>Polymers</i> , 2021, 13, 3400.	4.5	11
8	Failure of Glass Fibre-Reinforced Polypropylene Metal Laminate Subjected to Close-Range Explosion. <i>Polymers</i> , 2020, 12, 2139.	4.5	7
9	An Experimentally and Numerically Comparison between E-Glass/Epoxy and Basalt/Epoxy Pipes Pressurized Internally. <i>Solid State Phenomena</i> , 2020, 305, 49-56.	0.3	0
10	Using Finite Element Approach for Crashworthiness Assessment of a Polymeric Auxetic Structure Subjected to the Axial Loading. <i>Polymers</i> , 2020, 12, 1312.	4.5	30
11	Development of Polymeric Nanocomposite (Xyloglucan-co-Methacrylic Acid/Hydroxyapatite/SiO <sub>2</sub> ) Scaffold for Bone Tissue Engineering Applications In-Vitro Antibacterial, Cytotoxicity and Cell Culture Evaluation. <i>Polymers</i> , 2020, 12, 1238.	4.5	33
12	Energy absorption assessment of conical composite structures subjected to quasi-static loading through optimization based method. <i>Mechanics and Industry</i> , 2020, 21, 113.	1.3	7
13	Assessment of Compressive Mechanical Behavior of Bis-GMA Polymer Using Hyperelastic Models. <i>Polymers</i> , 2019, 11, 1571.	4.5	11
14	An insight into mode II fracture toughness testing using SCB specimen. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1991-1999.	3.4	24
15	Tuning the extinction coefficient, refractive index, dielectric constant and optical conductivity of Gaq3 films for the application of OLED displays technology. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14777-14786.	2.2	19
16	Dynamic failure of basalt/epoxy laminates under blast Experimental observation. <i>International Journal of Impact Engineering</i> , 2017, 102, 16-26.	5.0	25
17	Modification of the contact surfaces for improving the puncture resistance of laminar structures. <i>Scientific Reports</i> , 2017, 7, 6615.	3.3	3
18	Improving the performance of solution-processed organic solar cells by incorporating small molecule acceptors into a ternary bulk heterojunction based on DH6T:Mq3:PCBM (M <sub>A</sub> =Ga, Al). <i>Materials Chemistry and Physics</i> , 2017, 188, 86-94.	4.0	25

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19	A study on the spectroscopic, energy band, and optoelectronic properties of $\pm 1\%$ -dihexylsexithiophene/tris(8-hydroxyquinolate) gallium blends; DH6T/Gaq3 composite system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 169, 144-151.	3.9	11
20	Dynamic failure of fibre-metal laminates under impact loading – experimental observations. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 305-319.	3.1	20
21	Effects of temperature change and beverage on mechanical and tribological properties of dental restorative composites. <i>Materials Science and Engineering C</i> , 2015, 54, 69-75.	7.3	44
22	Development of rigid bio-based polyurethane foam reinforced with nanoclay. <i>Composites Part B: Engineering</i> , 2014, 67, 521-526.	12.0	117
23	Enhanced Interfacial Interaction and Electronic Properties of Novel Conducting Kenaf/Polyaniline Biofibers. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 51-57.	1.9	11
24	Novel epoxy resin composites containing polyaniline coated short kenaf bast fibers and polyaniline nanowires: mechanical and electrical properties. <i>Journal of Polymer Engineering</i> , 2013, 33, 565-577.	1.4	10
25	Effect on Mechanical Performance of UHMWPE/HDPE-Blend Reinforced with Kenaf, Basalt and Hybrid Kenaf/Basalt Fiber. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 1140-1146.	1.9	26
26	Polyaniline-coated kenaf core and its effect on the mechanical and electrical properties of epoxy resin. <i>Composite Interfaces</i> , 2013, 20, 611-622.	2.3	14
27	ELECTRICALLY CONDUCTIVE NANOCOMPOSITES OF EPOXY/POLYANILINE NANOWIRES DOPED WITH FORMIC ACID: EFFECT OF LOADING ON THE CONDUCTION AND MECHANICAL PROPERTIES. <i>Nano</i> , 2012, 07, 1250039.	1.0	11
28	Simultaneous numerical optimization of the mechanical and electrical properties of polyaniline coated kenaf fiber using response surface methodology: nanostructured polyaniline on natural fiber. <i>Composite Interfaces</i> , 2012, 19, 411-424.	2.3	9
29	<i>In situ</i> surface modification of natural fiber by conducting polyaniline. <i>Composite Interfaces</i> , 2012, 19, 365-376.	2.3	25
30	Experimental Analysis of Kenaf Filament Wound Tubes under Axial Compression Load. <i>Applied Mechanics and Materials</i> , 0, 660, 778-782.	0.2	2
31	Mechanical Behavior of Composite Multilayered Basalt/E-Glass/Epoxy Pipe under Internal Pressure. <i>Advanced Materials Research</i> , 0, 1125, 227-234.	0.3	3