


Faculty Vitae

General Information:

Name	Nationality	Photo
Ibrahim M Alarifi	Saudi Arabia	

Education:

Degree	Discipline	Institution	Year
PhD	Material Science	Wichita State University	2017
MSc	Material Science	Southern Methodist University	2016
Bachelor	University of Toledo	USA	2008

Academic Record:

Institution	Title	Period	FT/PT
Majmaah University	Associate professor	2021 -current	
Majmaah University	Assistant Professor	2017-2021	
King Abdul-Aziz City Science and Technology	Researcher I	2010-2012	
Foreman Engineer	SABIC	2001-2005	

Awards and Honors

#	Award / Honor	Year
1	Award for Scientific Research Excellence, the most citation record 2022-2023 at Majmaah University.	2023
2	Award for Scientific Research Excellence, the most published record 2022-2023 at Majmaah University.	2022
3	Recognized by Stanford University's list (published by Elsevier) of the World's Top 2% of the Most-Cited Scientists in Single Year Citation Impact 2022	2022
4	Recognized by Stanford University's list (published by Elsevier) of the	2021

	World's Top 2% of the Most-Cited Scientists in Single Year Citation Impact 2021.	
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Scientific and professional membership

#	Membership
1	Editor Member Board at Journal of Nanomaterials
2	American Society of Mechanical Engineers (ASME)
3	Certified KPI Professional
4	Certified OKR Professional
5	Certified Project Management Professional (PMP)
6	Certified (ASQ) Quality Auditor
	Certified (ASQ) Quality Manager

Selected publications

#	Journal publications
1	Quasi-Static Flexural Behavior of Epoxy-Matrix-Reinforced Crump Rubber Composites
2	Developments in Nanoparticles Enhanced Biofuels and Solar Energy in Malaysian Perspective: A Review of State of the Art
3	Interlayer Defect Detection in Intra-Ply Hybrid Composite Material (GF/CF) Using a Capacitance-Based Sensor
4	A comprehensive analysis to assess the impact of nano MoS ₂ on the wear characteristic of Al-TiB ₂ -Gr composite
5	Modal analysis and improvement of lightweight wings for micro air vehicle (MAV) applications
6	Development of conductive thin films as piezoresistive strain sensor
7	Parametric Analysis of Epoxy/Crumb Rubber Composite by Using Taguchi—GRA Hybrid Technique
8	Mechanical and Abrasive Wear Performance of Titanium Di-Oxide Filled Woven Glass Fibre Reinforced Polymer Composites by Using Taguchi and EDAS Approach
9	A sensitive electrochemical detection of hydrazine based on SnO ₂ /CeO ₂ nanostructured oxide
10	Properties and application of MoS ₂ nanopowder: Characterization, Congo red dye adsorption, and optimization.
11	In-situ annealing and characterization of superhydrophobic electrospun poly (acrylonitrile) ionized nanofibre smart material properties
12	Thermal and Fluid Dynamics Performance of MWCNT-Water Nanofluid Based on Thermophysical Properties: An Experimental and Theoretical Study
13	Fracture Behavior of Cracked Ring Specimen at Different Crack Positions
14	Corrosion and wear behavior of TiN PVD coated 304 stainless-steel
15	Readiness Switching Traditional Learning Form at Saudi Arabia University as a Quick Action to the COVID-19 Virus Pandemic
16	Investigation into the morphological and mechanical properties of date palm fiber-reinforced epoxy structural composites
17	Institutional classification factors research strategy of Saudi Arabia University ranking
18	Structural analysis of hexagonal and solid carbon fibers composite

19	An experimental study on characterization, stability and dynamic viscosity of CuO-TiO ₂ /water hybrid nanofluid
20	Investigation of fatigue crack propagation in steel pipeline repaired by glass fiber reinforced polymer
21	Evaluate the Mechanical and Thermal Behavioural Deformation of Auxetic Composite Nano-Carbon Fibers
22	Investigating the effects of surface treatments on adhesion properties of protective coatings on carbon fiber-reinforced composite laminates
23	Evaluation of heat irreversibility in couple stress falling liquid films along heated inclined substrate
24	An experimental investigation on the effects of ultrasonication time on stability and thermal conductivity of MWCNT-water nanofluid: Finding the optimum ultrasonication time
25	Electrospun Nanofibers: Preparation, Characterization and Atmospheric Fog Capturing Capabilities
26	Enhancing fire and mechanical strengths of epoxy nanocomposites for metal/metal bonding of aircraft aluminum alloys
27	Investigation the conductivity of carbon fiber composites focusing on measurement techniques under dynamic and static loads
28	Synthesis of electrospun polyacrylonitrile derived carbon fibers and comparison of properties with bulk form
29	Synthesis, analysis and simulation of carbonized electrospun nanofibers infused carbon prepreg composites for improved mechanical and thermal properties
30	Carbonized electrospun polyacrylonitrile nanofibers as highly sensitive sensors in structural health monitoring of composite structures
31	Mechanical and thermal properties of carbonized PAN nanofibers cohesively attached to surface of carbon fiber reinforced composites
32	Thermal, electrical and surface hydrophobic properties of electrospun polyacrylonitrile nanofibers for structural health monitoring