

Khalid I Alzebdeh

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

388
citations

1163117

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h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Machinability of natural fiber reinforced composites: a review. International Journal of Advanced Manufacturing Technology, 2017, 88, 2985-3004.	3.0	161
2	Effect of fabrication parameters on strength of natural fiber polypropylene composites: Statistical assessment. Measurement: Journal of the International Measurement Confederation, 2019, 146, 195-207.	5.0	40
3	Progress and challenges in sustainability, compatibility, and production of <sc>eco-composites</sc>: A <sc>state-of-art</sc> review. Journal of Applied Polymer Science, 2021, 138, 51284.	2.6	34
4	Statistical model for characterizing random microstructure of inclusion-matrix composites. Journal of Materials Science, 2007, 42, 7016-7030.	3.7	32
5	Evaluation of the in-plane effective elastic moduli of single-layered graphene sheet. International Journal of Mechanics and Materials in Design, 2012, 8, 269-278.	3.0	24
6	An atomistic-based continuum approach for calculation of elastic properties of single-layered graphene sheet. Solid State Communications, 2014, 177, 25-28.	1.9	22
7	Developing a stochastic model to predict the strength and crack path of random composites. Composites Part B: Engineering, 2009, 40, 7-16.	12.0	12
8	Finite Element Simulation of Compression of Elastomeric Seals in Open Hole Liners. Journal of Energy Resources Technology, Transactions of the ASME, 2010, 132, .	2.3	12
9	Polymer powder and pellets comparative performances as bio-based composites. Iranian Polymer Journal (English Edition), 2021, 30, 269-283.	2.4	11
10	An Eigenvalue Based Approach for Assessing the Decomposability of Interdependent Design Project Tasks. Concurrent Engineering Research and Applications, 2009, 17, 35-42.	3.2	8
11	Efficient methods of surface functionalization of lignocellulosic waste toward surface clickability enhancement. Composite Interfaces, 2022, 29, 79-95.	2.3	6
12	New Synthesis Routes toward Improvement of Natural Filler/Synthetic Polymer Interfacial Crosslinking. Polymers, 2022, 14, 629.	4.5	5
13	Degradation of newly developed date palm agro-residues-filled polyethylene biocomposites in the planktonic and benthic zones of a marine environment. Biomass Conversion and Biorefinery, 2024, 14, 1793-1808.	4.6	5
14	Parametric evaluation of progressive damage in polymer concretes: Size effect and statistics. Engineering Analysis With Boundary Elements, 2008, 32, 336-352.	3.7	4
15	Factor Analysis of Obstacles Restraining Productivity Improvement Programs in Manufacturing Enterprises in Oman. Journal of Industrial Engineering, 2014, 2014, 1-7.	0.6	4
16	A Novel Bayesian Robust Model and Its Application for Fault Detection and Automatic Supervision of Nonlinear Process. Industrial & Engineering Chemistry Research, 2015, 54, 5048-5061.	3.7	2
17	An approach for testing the feasibility of decomposing interdependent design tasks for concurrent engineering. , 2007, , .		1
18	Evaluation of Effective Elastic Mechanical Properties of Graphene Sheets. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Investigation of Frictional Effects on Buckling Behavior of Drill String. , 2013, , .		1
20	Assessment of Induced Delamination During End-Milling of Natural Fiber Reinforced Composites: A Statistical Analysis. , 2018, , .		1
21	Polymer blend natural fiber based composites. , 2021, , 215-239.		1
22	COST ESTIMATION PRACTICES PREVALENT IN CONSTRUCTION PROJECTS IN OMAN. Journal of Engineering Research, 2019, 16, 115.	0.2	0