

Muhsin Jweeg

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

214
citations

9
h-index

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g-index

24
ext. papers

257
ext. citations

0.5
avg, IF

4.07
L-index

#	Paper	IF	Citations
24	An Analytical Investigation of Thermal Buckling Behavior of Composite Plates Reinforced by Carbon Nano Particles. <i>Engineering Journal</i> , 2020 , 24, 11-21	1.8	35
23	An Investigation to the Effects of Impact Strength on Laminated Notched Composites used in Prosthetic Sockets Manufacturing. <i>IOP Conference Series: Materials Science and Engineering</i> , 928 , 022081	0.4	21
22	Crashworthiness behavior of aircraft sandwich structure with honeycomb core under bending load.. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 881, 012046	0.4	20
21	Fatigue Characterization for Composite Materials used in Artificial Socket Prostheses with the Adding of Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 928 , 022107	0.4	20
20	The Effects of Honeycomb Parameters on Transient Response of an Aircraft Sandwich Panel Structure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 928, 022126	0.4	19
19	Effects of Temperature on the Characterisation of a New Design for a Non-Articulated Prosthetic Foot. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 433, 012064	0.4	19
18	Optimised Analysis, Design, and Fabrication of Trans-Tibial Prosthetic Sockets. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 433, 012058	0.4	19
17	Dissimilar Aluminium Alloys Welding by Friction Stir Processing and Reverse Rotation Friction Stir Processing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 454, 012059	0.4	14
16	Study of Creep-Fatigue Interaction in a Prosthetic Socket Below Knee 2012 ,		9
15	Dynamic analysis of a rotating stepped shaft with and without defects. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 671, 012004	0.4	7
14	Numerical and Experimental Study of Elastic Recovery in Deep Drawing of Low Carbon and Galvanized Steel Sheet Conical Products. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1094, 012155	0.4	6
13	Design and Construction of Device for Rubber Material Fatigue Test. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1094, 012173	0.4	6
12	Improvement of Buckling Behavior of Composite Plates Reinforced with Hybrids Nanomaterials Additives. <i>Materials Science Forum</i> , 1039 , 23-41	0.4	5
11	Ogden model for characterising and simulation of PPHR Rubber under different strain rates. <i>Australian Journal of Mechanical Engineering</i> , 1-15	1	4
10	Investigation into the Distribution of Erosion-Corrosion in the Furnace Tubes of Oil Refineries. <i>Materials Science Forum</i> , 1039 , 165-181	0.4	4
9	Microclimate Energy Considerations in Building Design for Arid Regions. <i>Nature Environment and Pollution Technology</i> , 2020 , 19, 1125-1131	1.2	2
8	Creep characterization of various prosthetic and orthotics composite materials with nanoparticles using an experimental program and an artificial neural network. <i>Materials Today: Proceedings</i> , 2021 ,	1.4	2

7	Four Earing $\bar{\sigma}$ Prediction in Deep Drawing of AISI 1008 Steel Sheet Conical Product. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 881, 012051	0.4	1
6	Effects of Core Height, Cell Angle and Face Thickness on Vibration Behavior of Aircraft Sandwich Structure with Honeycomb Core: An Experimental and Numerical Investigations. <i>Materials Science Forum</i> ,1039, 65-85	0.4	1
5	Higher-order isoparametric formulation 2022 , e633-e676		0
4	Steady state heat conduction 2022 , 515-568		
3	Application of finite element to the vibration problems 2022 , 467-514		
2	Energy methods in vibrations 2022 , 165-237		
1	Characterization of Natural Rubber (NR), Polybutadiene Rubber (BR) and Styrene-Butadiene Rubber (SBR) Blends Cured in a Vulcanization System. <i>Materials Science Forum</i> ,1039, 51-64	0.4	