

Abdulrajak Buradi

List of Publications by Year in descending order

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21
papers

223
citations

1162889

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h-index

996849

15
g-index

21
all docs

21
docs citations

21
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Injection Mold for Manufacturing of Cup. Lecture Notes in Mechanical Engineering, 2023, , 65-74.	0.3	3
2	Development of 3D Printed Electromyography Controlled Bionic Arm. Lecture Notes in Mechanical Engineering, 2022, , 11-21.	0.3	8
3	Study on characterization of mechanical, thermal properties, machinability and biodegradability of natural fiber reinforced polymer composites and its Applications, recent developments and future potentials: A comprehensive review. Materials Today: Proceedings, 2022, 52, 1255-1259.	0.9	21
4	Influence of Nanoclay Filler Material on the Tensile, Flexural, Impact, and Morphological Characteristics of Jute/E-Glass Fiber-Reinforced Polyester-Based Hybrid Composites: Experimental, Modeling, and Optimization Study. Journal of Nanomaterials, 2022, 2022, 1-17.	1.5	16
5	Experimental design and fabrication of portable hybrid wind and solar energy system. AIP Conference Proceedings, 2021, , .	0.3	4
6	Transient Heat Transfer Analysis Of Dimpled Rod. IOP Conference Series: Materials Science and Engineering, 2021, 1065, 012034.	0.3	3
7	Performance enhancement in tribological properties of lubricants by dispersing TiO ₂ nanoparticles. Materials Today: Proceedings, 2021, 47, 6180-6184.	0.9	8
8	Erosion wear behavior of glass fiber hybridized flax and sisal fabric hybrid composites with taguchi experimental design. Materials Today: Proceedings, 2021, 47, 5901-5906.	0.9	2
9	Heat transfer enhancement of rectangular fins with circular perforations. Materials Today: Proceedings, 2021, 47, 6185-6191.	0.9	3
10	Performance of new dyes along with some semi conductive oxides (ZnO) and analysis of the same. Materials Today: Proceedings, 2021, , .	0.9	0
11	Preparation of dye (Bala gidda) for DSSC application. Materials Today: Proceedings, 2021, , .	0.9	0
12	Numerical analysis of rectangular fins with circular perforations. Materials Today: Proceedings, 2021, 47, 6235-6241.	0.9	4
13	Blends of scum oil methyl ester, alcohols, silver nanoparticles and the operating conditions affecting the diesel engine performance and emission: an optimization study using Dragon fly algorithm. Applied Nanoscience (Switzerland), 2021, 11, 2415-2432.	1.6	13
14	Experimental investigation of mechanical properties and sliding wear behavior of poly propylene reinforced epoxy composites with filler material. AIP Conference Proceedings, 2021, , .	0.3	0
15	Power Plant Energy Predictions Based on Thermal Factors Using Ridge and Support Vector Regressor Algorithms. Energies, 2021, 14, 7254.	1.6	30
16	Impact of coronary tortuosity on the artery hemodynamics. Biocybernetics and Biomedical Engineering, 2020, 40, 126-147.	3.3	18
17	Numerical Analysis of Wall Shear Stress Parameters of Newtonian Pulsatile Blood Flow Through Coronary Artery and Correlation to Atherosclerosis. Lecture Notes in Mechanical Engineering, 2020, , 107-118.	0.3	6
18	EFFECT OF STENOSIS SEVERITY ON SHEAR-INDUCED DIFFUSION OF RED BLOOD CELLS IN CORONARY ARTERIES. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950034.	0.3	13

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19	Effect of Stenosis Severity on Wall Shear Stress Based Hemodynamic Descriptors using Multiphase Mixture Theory. <i>Journal of Applied Fluid Mechanics</i> , 2018, 11, 1497-1509.	0.4	19
20	Nanofluid as a coolant for next generation high heat dissipation electronic devices. <i>International Journal of Renewable Energy Technology</i> , 2017, 8, 410.	0.2	0
21	Numerical analysis of the effect of turbulence transition on the hemodynamic parameters in human coronary arteries. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 208-220.	0.7	52