

Riffat Asim Pasha

List of Publications by Year in descending order

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20
papers

224
citations

1163117

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h-index

996975

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all docs

20
docs citations

20
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of electrical energy using lead zirconate titanate (PZT-5A) piezoelectric material: Analytical, numerical and experimental verifications. Journal of Mechanical Science and Technology, 2016, 30, 3553-3558.	1.5	66
2	Investigation of Deformation in Bimorph Piezoelectric Actuator: Analytical, Numerical and Experimental Approach. Integrated Ferroelectrics, 2019, 201, 94-109.	0.7	42
3	Numerical Simulation and Experimental Verification of CMOD in CT Specimens of TIG Welded AA2219-T87. Arabian Journal for Science and Engineering, 2015, 40, 935-944.	1.1	15
4	Piezoelectric and ferroelectric properties of lead-free Ga-modified $0.65\text{BiFeO}_3 \sim 0.35\text{BaTiO}_3$ ceramics by water quenching process. Ferroelectrics, 2019, 541, 54-60.	0.6	11
5	Experimental investigation of thermal performance characteristics of sintered copper wick and grooved heat pipes: A comparative study. Journal of Central South University, 2021, 28, 3507-3520.	3.0	11
6	Heat transfer enhancement of round pin heat sinks using N-eicosane as PCM: an experimental study. Heat and Mass Transfer, 2019, 55, 309-325.	2.1	10
7	Fabrication and optimization of pH-sensitive mannose-anchored nano-vehicle as a promising approach for macrophage uptake. Applied Nanoscience (Switzerland), 2020, 10, 4013-4027.	3.1	9
8	Corrosion and wear behavior of TiN PVD coated 304 stainless-steel. Journal of Mechanical Science and Technology, 2020, 34, 3227-3232.	1.5	9
9	Influence of electric discharge machining on fatigue limit of high strength aluminum alloy under finish machining. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2017, 40, 118-125.	1.1	8
10	Numerical simulation and experimental verification of CMOD in SENT specimen: Application on FCGR of welded tool steel. Acta Metallurgica Sinica (English Letters), 2013, 26, 92-96.	2.9	7
11	Evaluation of Fatigue Behavior and Surface Characteristics of Aluminum Alloy 2024 T6 After Electric Discharge Machining. Journal of Materials Engineering and Performance, 2017, 26, 4910-4922.	2.5	7
12	Enhanced Piezoelectric Properties of $(1-x)[0.675\text{BiFeO}_3 \sim 0.325\text{BaTiO}_3]_x\text{LiTaO}_3$ Ternary System by Air-Quenching. Korean Journal of Materials Research, 2018, 28, 489-494.	0.2	7
13	Comparison of Mixing Strategies and Hybrid Ratio Optimization for Mechanical Properties Enhancement of Al-CeO ₂ -GNP's Metal Matrix Composite Fabricated by Friction Stir Processing. Metallography, Microstructure, and Analysis, 2019, 8, 534-544.	1.0	6
14	Experimental and numerical investigation of 3D printed micro-lattice structures for high energy absorption capabilities. , 2020, , .		5
15	Effect of Electric Discharge Machining on Material Removal Rate and White Layer Composition. Mehran University Research Journal of Engineering and Technology, 2017, 36, 45-54.	0.6	4
16	Energy absorption and compression behaviour of polymeric 3D printed lattice structures - experimental and numerical study. , 2021, , .		3
17	Design and Parametric Investigation of Horizontal Axis Wind Turbine. Journal of Shanghai Jiaotong University (Science), 2018, 23, 345-351.	0.9	2
18	Characterization and Mathematical Modelling of Geometric Effects on Piezoelectric Actuators. Integrated Ferroelectrics, 2019, 201, 201-217.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Fatigue Crack Growth Behaviour of AISI 50100 Precipitation Hardened Steel after Welding. Advanced Materials Research, 2012, 570, 9-14.	0.3	0
20	Aerodynamic study of a self-rectifying impulse turbine based on OWC wave energy prototype. , 2018, , .		0