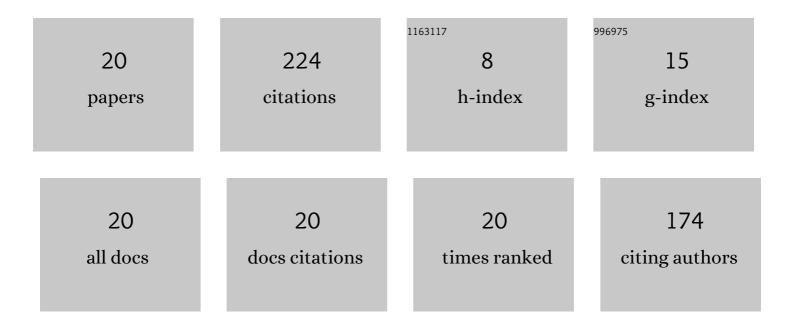
Riffat Asim Pasha

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11078097/publications.pdf Version: 2024-02-01



| # | 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 0.65BiFeO ₃ –0.35BaTiO ₃ ceramics by water quenching process. Ferroelectrics, 2019, 541, 54-60. | 0.6 | 11 |
| 5 | Experimental investigation of thermal performance characteristics of sintered copper wicked 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 Hsuch 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 (1â^'x)[0.675BiFeO3â^'0.325BaTiO3]â^'xLiTaO3 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-CeO2-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 | Ο |
| 20 | Aerodynamic study of a self-rectifying impulse turbine based on OWC wave energy prototype. , 2018, , . | | 0 |