

Malik Muhammad Nauman

List of Publications by Year in descending order

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18
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248
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Vibration-based piezoelectric, electromagnetic, and hybrid energy harvesters for microsystems applications: A contributed review. <i>International Journal of Energy Research</i> , 2021, 45, 65-102. | 2.2 | 88 |
| 2 | Multimodal Hybrid Piezoelectric-Electromagnetic Insole Energy Harvester Using PVDF Generators. <i>Electronics (Switzerland)</i> , 2020, 9, 635. | 1.8 | 34 |
| 3 | Design and Simulation of Photonic Crystal Fiber for Liquid Sensing. <i>Photonics</i> , 2021, 8, 16. | 0.9 | 33 |
| 4 | Between-the-Holes Cryogenic Cooling of the Tool in Hole-Making of Ti-6Al-4V and CFRP. <i>Materials</i> , 2021, 14, 795. | 1.3 | 31 |
| 5 | Sustainable Milling of Ti-6Al-4V: Investigating the Effects of Milling Orientation, Cutter's Helix Angle, and Type of Cryogenic Coolant. <i>Metals</i> , 2020, 10, 258. | 1.0 | 24 |
| 6 | Comparative analyses of multi-pass face-turning of a titanium alloy under various cryogenic cooling and micro-lubrication conditions. <i>International Journal of Lightweight Materials and Manufacture</i> , 2019, 2, 388-396. | 1.3 | 15 |
| 7 | Printed memory devices using electrohydrodynamic deposition technique. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1. | 1.1 | 8 |
| 8 | Sustainable Machining: Tool Life Criterion Based on Work Surface Quality. <i>Processes</i> , 2022, 10, 1087. | 1.3 | 6 |
| 9 | Heat Transfer and Pressure Drop in Wavy-Walled Tubes: A Parameter-BASED CFD Study. <i>Fluids</i> , 2020, 5, 202. | 0.8 | 5 |
| 10 | Power harvesting footwear based on piezo-electromagnetic hybrid generator for sustainable wearable microelectronics. <i>Journal of King Saud University, Engineering Sciences</i> , 2022, 34, 329-338. | 1.2 | 5 |
| 11 | Stretchable and Flexible Thin Films Based on Expanded Graphite Particles. <i>Processes</i> , 2020, 8, 961. | 1.3 | 5 |
| 12 | Nonlinear multi-mode electromagnetic insole energy harvester for human-powered body monitoring sensors: Design, modeling, and characterization. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 6415-6426. | 1.1 | 5 |
| 13 | On Coolant Flow Rate-Cutting Speed Trade-Off for Sustainability in Cryogenic Milling of Ti-6Al-4V. <i>Materials</i> , 2021, 14, 3429. | 1.3 | 4 |
| 14 | Economic feasibility of electric vehicles: A case study. <i>Energy Storage</i> , 2022, 4, e302. | 2.3 | 2 |
| 15 | Effect of Nano-colloidal Inks™ composition on the fabrication and properties of High-Quality Electro-spray Coated Copper-Indium-diSelenide micro-films. <i>Thin Solid Films</i> , 2020, 715, 138421. | 0.8 | 1 |
| 16 | Design, Fabrication & Analysis of a Gravitational Water Vortex Based Energy Harvester. <i>International Journal of Green Energy</i> , 2023, 20, 77-88. | 2.1 | 1 |
| 17 | On the effects of magnitude of flank wear as tool life criterion on sustainability measures of a continuous machining process. , 2018, , . | | 0 |
| 18 | Deposition of CuInSe ₂ films from different nano-particle colloidal inks through electro-spray process. <i>AIP Conference Proceedings</i> , 2019, , . | 0.3 | 0 |