

Malik Muhammad Nauman

List of Publications by Year in descending order

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248
citing authors

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