

Tareq Manzoor

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

360
citations

933447

10
h-index

888059

17
g-index

42
all docs

42
docs citations

42
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery and effective utilization of waste heat from the exhaust of internal combustion engines for cooling applications using ANSYS. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 5022-5032.	2.1	2
2	CFD-thermal analysis of flat plate solar collector for different temperature variations. International Journal of Energy and Water Resources, 2022, 6, 315-321.	2.2	1
3	Elimination of solidification shrinkage defects in the casting of aluminum alloy. Journal of Mechanical Science and Technology, 2022, 36, 2345-2353.	1.5	2
4	Theoretical investigation of unsteady MHD flow within non-stationary porous plates. Heliyon, 2021, 7, e06567.	3.2	5
5	State-of-the-Art and Future Perspectives of Environmentally Friendly Machining Using Biodegradable Cutting Fluids. Energies, 2021, 14, 4816.	3.1	7
6	Numerical Investigation of Heat Transfer on Unsteady Hiemenz Cu-Water and Ag-Water Nanofluid Flow over a Porous Wedge Due to Solar Radiation. Applied Sciences (Switzerland), 2021, 11, 10855.	2.5	2
7	A survey on computational parametric analysis of incompressible nanofluids applications in solar energy systems. , 2021, , .		0
8	Analysis of Multiple Surface Electromagnetic Waves on the Planar Interface of Hyperbolic Medium and Rugate Filter Having Sinusoidal Refractive Index Profile. Plasmonics, 2020, 15, 287-291.	3.4	0
9	Improving FWM efficiency in bi-directional ultra DWDM-PON networking centered light source by using PMD emulator. Results in Physics, 2020, 16, 102922.	4.1	20
10	Synthesis and investigate the properties of Cu-Al-Ni alloys with Ag addition using powder metallurgy technique. Journal of Alloys and Compounds, 2020, 817, 153281.	5.5	24
11	Integrated thermo-economic analysis of industrial boilers: a cost-effective approach. International Journal of Energy and Water Resources, 2020, 4, 403-410.	2.2	0
12	Theoretical Analysis of Roll-Over-Web Surface Thin Layer Coating. Coatings, 2020, 10, 691.	2.6	5
13	Improved transmission length in the presences of ambient noise and scintillation effect using duobinary modulation in 40%Gbps free space optical channel. Microwave and Optical Technology Letters, 2020, 62, 3163-3169.	1.4	7
14	An improved micro-thermo-mechanics model for shape memory alloys: analysis and applications. Materials Research Express, 2020, 7, 055703.	1.6	0
15	Improved FWM Efficiency for Already Deployed Bidirectional Fiber Optic Cable using Polarization Manipulation for Underwater Applications. , 2020, , .		1
16	Enhanced and Selective Adsorption of Zn(II), Pb(II), Cd(II), and Hg(II) Ions by a Dumbbell- and Flower-Shaped Potato Starch Phosphate Polymer: A Combined Experimental and DFT Calculation Study. ACS Omega, 2020, 5, 4853-4867.	3.5	73
17	FWM Mitigation in DWDM Optical Networks. Journal of Physics: Conference Series, 2020, 1447, 012033.	0.4	7
18	Granger causal analysis of electrohysterographic and tocographic recordings for classification of term vs. preterm births. Biocybernetics and Biomedical Engineering, 2020, 40, 454-467.	5.9	9

#	ARTICLE	IF	CITATIONS
19	Workplace incivility: a cynicism booster leading to turnover intentions. <i>Decision</i> , 2020, 47, 91-99.	1.5	17
20	Effect of Randomly Grown Morphology of ZnO Nanorods in Inverted Organic Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4414-4418.	0.9	4
21	Groundwater investigations in the Hattar industrial estate and its vicinity, Haripur district, Pakistan: An integrated approach. <i>Kuwait Journal of Science</i> , 2020, 48, .	0.6	12
22	Effect of microstructural phases on thermo-mechanical analysis of ductile Cu-Al-Mn-Ni memory alloys for structural applications. <i>Materials Express</i> , 2020, 10, 1337-1345.	0.5	0
23	Fabrication and characterization of AA6061/CNTs surface nanocomposite by friction stir processing. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 749-769.	3.0	6
24	Facile synthesis of $Cu_xZn_{1-x}Fe_2O_4$ nanoparticles and their thermo-physical properties evaluation. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	1
25	Design and comparative analysis of an INVELOX wind power generation system for multiple wind turbines through computational fluid dynamics. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401983147.	1.6	12
26	Improved in vitro bioactivity and electrochemical behavior of hydroxyapatite-coated NiTi shape memory alloy. <i>Journal of Materials Science</i> , 2019, 54, 7300-7306.	3.7	13
27	Performance analysis of parallel stabilized mixed Galerkin method for three-dimensional transient Darcy flow using mesh reordering techniques. <i>Journal of Petroleum Science and Engineering</i> , 2019, 176, 621-631.	4.2	1
28	Dynamical Study of Fokker-Planck Equations by Using Optimal Homotopy Asymptotic Method. <i>Mathematics</i> , 2019, 7, 264.	2.2	2
29	FWM Reduction Using Different Modulation Techniques and Optical Filters in DWDM Optical Communication Systems: A Comparative Study. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2019, 43, 479-488.	2.3	14
30	A Strategy for Classification of Vaginal vs. Cesarean Section Delivery: Bivariate Empirical Mode Decomposition of Cardiotocographic Recordings. <i>Frontiers in Physiology</i> , 2019, 10, 246.	2.8	26
31	Analysis of a Thin Layer Formation of Third-Grade Fluid. <i>Coatings</i> , 2019, 9, 741.	2.6	4
32	Cost Optimization of Off Grid Photovoltaic System by Increasing Conversion Efficiency. , 2019, , .		1
33	Mesh Partitioning and Efficient Equation Solving Techniques by Distributed Finite Element Methods: A Survey. <i>Archives of Computational Methods in Engineering</i> , 2019, 26, 1-16.	10.2	21
34	Multiple Bloch surface waves in visible region of light at the interfaces between rugate filter/rugate filter and rugate filter/dielectric slab/rugate filter. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 045002.	2.2	1
35	Analysis of Bloch Surface Waves at the Interface Between Two Semi-infinite Rugate Filters with Symmetric Refractive Index Profiles. <i>Plasmonics</i> , 2018, 13, 2319-2328.	3.4	1
36	Investigation of thermal and mechanical properties of Cu-Al alloys with silver addition prepared by powder metallurgy. <i>Journal of Alloys and Compounds</i> , 2018, 735, 802-812.	5.5	29

#	ARTICLE	IF	CITATIONS
37	Techno-Economic-Environmental Viability Assessment of Grid-Connected Photovoltaic System- A Case for Different Cities of Pakistan. , 2018, , .		4
38	A note on fractional order in thermo-elasticity of shape memory alloysâ€™ dampers. International Journal of Heat and Mass Transfer, 2017, 114, 597-606.	4.8	4
39	Complete suppression of FWM in ultra dense WDM-PON optical networks using centralized light source. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550053.	1.8	6
40	Reduction of Four Wave Mixing by employing circular polarizers in DWDM optical networks. , 2015, , .		9
41	Analytical technique for the two-dimensional stress wave model of memory alloy dampers. Journal of Mechanical Science and Technology, 2012, 26, 3059-3066.	1.5	7