

Tareq Manzoor

List of Publications by Year in descending order

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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	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
2	Investigation of thermal and mechanical properties of Cu-Al alloys with silver addition prepared by powder metallurgy. Journal of Alloys and Compounds, 2018, 735, 802-812.	5.5	29
3	A Strategy for Classification of "Vaginal vs. Cesarean Section" Delivery: Bivariate Empirical Mode Decomposition of Cardiotocographic Recordings. Frontiers in Physiology, 2019, 10, 246.	2.8	26
4	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
5	Mesh Partitioning and Efficient Equation Solving Techniques by Distributed Finite Element Methods: A Survey. Archives of Computational Methods in Engineering, 2019, 26, 1-16.	10.2	21
6	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
7	Workplace incivility: a cynicism booster leading to turnover intentions. Decision, 2020, 47, 91-99.	1.5	17
8	FWM Reduction Using Different Modulation Techniques and Optical Filters in DWDM Optical Communication Systems: A Comparative Study. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 479-488.	2.3	14
9	Improved in vitro bioactivity and electrochemical behavior of hydroxyapatite-coated NiTi shape memory alloy. Journal of Materials Science, 2019, 54, 7300-7306.	3.7	13
10	Design and comparative analysis of an INVELOX wind power generation system for multiple wind turbines through computational fluid dynamics. Advances in Mechanical Engineering, 2019, 11, 168781401983147.	1.6	12
11	Groundwater investigations in the Hattar industrial estate and its vicinity, Haripur district, Pakistan: An integrated approach. Kuwait Journal of Science, 2020, 48, .	0.6	12
12	Reduction of Four Wave Mixing by employing circular polarizers in DWDM optical networks. , 2015, , .		9
13	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
14	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
15	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
16	FWM Mitigation in DWDM Optical Networks. Journal of Physics: Conference Series, 2020, 1447, 012033.	0.4	7
17	State-of-the-Art and Future Perspectives of Environmentally Friendly Machining Using Biodegradable Cutting Fluids. Energies, 2021, 14, 4816.	3.1	7
18	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

#	ARTICLE	IF	CITATIONS
19	Fabrication and characterization of AA6061/CNTs surface nanocomposite by friction stir processing. International Journal of Advanced Manufacturing Technology, 2019, 105, 749-769.	3.0	6
20	Theoretical Analysis of Roll-Over-Web Surface Thin Layer Coating. Coatings, 2020, 10, 691.	2.6	5
21	Theoretical investigation of unsteady MHD flow within non-stationary porous plates. Heliyon, 2021, 7, e06567.	3.2	5
22	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
23	Techno-Economic-Environmental Viability Assessment of Grid-Connected Photovoltaic System- A Case for Different Cities of Pakistan. , 2018, , .		4
24	Analysis of a Thin Layer Formation of Third-Grade Fluid. Coatings, 2019, 9, 741.	2.6	4
25	Effect of Randomly Grown Morphology of ZnO Nanorods in Inverted Organic Solar Cells. Journal of Nanoscience and Nanotechnology, 2020, 20, 4414-4418.	0.9	4
26	Dynamical Study of Fokker-Planck Equations by Using Optimal Homotopy Asymptotic Method. Mathematics, 2019, 7, 264.	2.2	2
27	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
28	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
29	Elimination of solidification shrinkage defects in the casting of aluminum alloy. Journal of Mechanical Science and Technology, 2022, 36, 2345-2353.	1.5	2
30	Multiple Bloch surface waves in visible region of light at the interfaces between rugate filter/rugate filter and rugate filter/dielectric slab/rugate filter. Journal of Optics (United Kingdom), 2018, 20, 045002.	2.2	1
31	Analysis of Bloch Surface Waves at the Interface Between Two Semi-infinite Rugate Filters with Symmetric Refractive Index Profiles. Plasmonics, 2018, 13, 2319-2328.	3.4	1
32	Facile synthesis of $Cu_xZn_{1-x}Fe_2O_4$ nanoparticles and their thermo-physical properties evaluation. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	1
33	Performance analysis of parallel stabilized mixed Galerkin method for three-dimensional transient Darcy flow using mesh reordering techniques. Journal of Petroleum Science and Engineering, 2019, 176, 621-631.	4.2	1
34	Cost Optimization of Off Grid Photovoltaic System by Increasing Conversion Efficiency. , 2019, , .		1
35	Improved FWM Efficiency for Already Deployed Bidirectional Fiber Optic Cable using Polarization Manipulation for Underwater Applications. , 2020, , .		1
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	An improved micro-thermo-mechanics model for shape memory alloys: analysis and applications. Materials Research Express, 2020, 7, 055703.	1.6	0
40	Effect of microstructural phases on thermo-mechanical analysis of ductile Cu-Al-Mn-Ni memory alloys for structural applications. Materials Express, 2020, 10, 1337-1345.	0.5	0
41	A survey on computational parametric analysis of incompressible nanofluids applications in solar energy systems. , 2021, , .		0