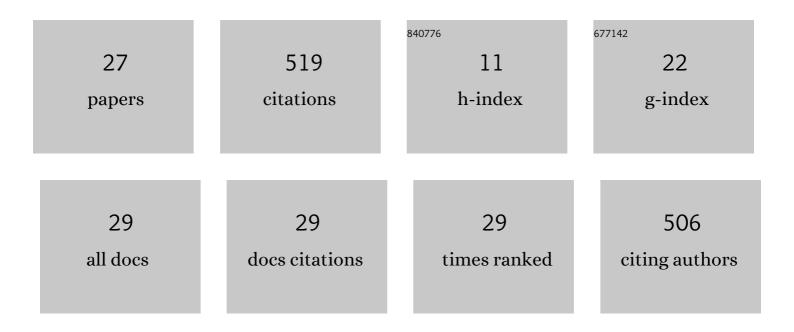
Sartaj Tanweer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Experimental study of food grain drying in a gas–solid vortex reactor. Drying Technology, 2022, 40, 884-896.	3.1	7
2	Performance investigation of transparent photovoltaicâ€thermal collector with horizontal oscillating and rectangular spiral flow patterns. International Journal of Energy Research, 2022, 46, 239-253.	4.5	7
3	Biomass gasification in a double-tapered bubbling fluidized bed reactor using preheated air. International Journal of Energy and Environmental Engineering, 2022, 13, 643-656.	2.5	4
4	Three-dimensional wake transitions past a rectangular cylinder placed near a moving wall: Influence of aspect and gap ratios. Ocean Engineering, 2021, 219, 108288.	4.3	8
5	Performance investigation of a rectangular spiral flow PV/T collector with a novel form-stable composite material. Applied Thermal Engineering, 2021, 182, 116035.	6.0	55
6	A Novel MOGA approach for power saving strategy and optimization of maximum temperature and maximum pressure for liquid cooling type battery thermal management system. International Journal of Green Energy, 2021, 18, 80-89.	3.8	13
7	A comparative study on synthesis and characterization of biochars derived from lignocellulosic biomass for their candidacy in agronomy and energy applications. International Journal of Energy Research, 2021, 45, 4765-4781.	4.5	32
8	Transient Response Characteristics and Performance Assessment of a Calorimetric Surface Junction Probe Under Impulsive Thermal Loading. Journal of Heat Transfer, 2021, 143, .	2.1	3
9	Influence of gap-ratio on flow dynamics and heat transfer for a square cylinder approaching a moving wall in turbulent regime. International Journal of Heat and Mass Transfer, 2021, 172, 121122.	4.8	5
10	Exploring the efficiency and pollutant emission of a dual fuel CI engine using biodiesel and producer gas: An optimization approach using response surface methodology. Science of the Total Environment, 2021, 773, 145633.	8.0	36
11	Effects of wake confinement and buoyancy on three-dimensional flow transitions for a square cylinder near a moving wall. Physics of Fluids, 2021, 33, .	4.0	3
12	Influence of three-dimensional wake transition on heat transfer from a square cylinder near a moving wall. International Journal of Heat and Mass Transfer, 2020, 148, 118986.	4.8	11
13	Effectiveness of coaxial surface junction thermal probe for transient measurements through laser based heat flux assessment. Heat and Mass Transfer, 2020, 56, 1141-1152.	2.1	11
14	Numerical study of the hydrodynamics and heat transfer characteristics of gas–solid in a slit-less rotating fluidized bed in static geometry. Journal of Thermal Analysis and Calorimetry, 2020, 141, 2647-2656.	3.6	7
15	Stability analysis of cross buoyancy flow past a circular cylinder using OpenFOAM. Materials Today: Proceedings, 2020, 28, 2057-2061.	1.8	0
16	Thermal management for prevention of failures of lithium ion battery packs in electric vehicles: A review and critical future aspects. Energy Storage, 2020, 2, e137.	4.3	29
17	Development of a novel thermal model for a PV/T collector and its experimental analysis. Solar Energy, 2019, 188, 631-643.	6.1	39
18	Feasibility study of installation of MW level grid connected solar photovoltaic power plant for northeastern region of India. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1.	1.3	6

Sartaj Tanweer

#	Article	IF	CITATIONS
19	Influence of wake confinement and buoyancy on flow past a square cylinder. Fluid Dynamics Research, 2019, 51, 035502.	1.3	6
20	A Review of State of Health Estimation of Energy Storage Systems: Challenges and Possible Solutions for Futuristic Applications of Li-Ion Battery Packs in Electric Vehicles. Journal of Electrochemical Energy Conversion and Storage, 2019, 16, .	2.1	75
21	Flat plate hybrid photovoltaic- thermal (PV/T) system: A review on design and development. Renewable and Sustainable Energy Reviews, 2018, 84, 111-130.	16.4	115
22	A Detailed Study of Pyrolysis Kinetics of Elephant Grass Using Thermogravimetric Analysis. , 2018, , .		3
23	A novel comprehensive procedure for determination of optimum operating conditions for cleaner energy production system. International Journal of Energy Research, 2018, 42, 3339-3350.	4.5	4
24	A review on recent developments in solar distillation units. Sadhana - Academy Proceedings in Engineering Sciences, 2016, 41, 203-223.	1.3	27
25	Experimental analysis of photovoltaic-thermal collectors with closely spaced tubes. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-23.	2.3	2
26	Experimental investigation of paddy drying characteristics in a slitless rotary fluidized-bed dryer. Drying Technology, 0, , 1-11.	3.1	5
27	Prediction of species concentration in syngas produced through gasification of different bamboo biomasses: a numerical approach. International Journal of Energy and Environmental Engineering, 0, ,	2.5	2