

## Annexure R (Dr. Muzaffar Ali)

### List of Publications

S #	Name of Author	Complete Name of Journals and Address	Title of the Publication	Vol. No. & Page No.	Year Published	Impact Factor
01	<b>Muzaffar Ali</b> , Vladimir Vukovic, Mukhtar Hussain Sahir , Guiliano Fontella	Energy and Buildings ISSN: 0378-7788	Energy analysis of chilled water system configurations using simulation-based optimization	Vol. 59, and pp. 111-122	2013	2.465 (5-Year IF: 3.076)
02	<b>Muzaffar Ali</b> , Vladimir Vukovic, Mukhtar Hussain Sahir , Daniele Bascoiti	Applied Thermal Engineering ISSN: 1359-4311	Development and validation of a desiccant wheel model calibrated under transient operating conditions.	Vol. 61 and pp. 469-480	2013	2.624 (5-Year IF: 2.880)
03	Muhammad Anser BASHIR, Hafiz Muhammad ALI, <b>Muzaffar Ali</b> , and Aysha Maryam Siddiqui	Thermal Science Journal ISSN: 2334-7163	An experimental investigation of performance of photovoltaic modules in Pakistan	Pages 134-134 doi:10.2298/TSCI130613134B	2013	0.962
04	Muhammad Anser BASHIR, Hafiz Muhammad ALI, Shahid Khalil, <b>Muzaffar ALI</b> , and Aysha Maryam Siddiqui,	International Journal of Photoenergy ISSN: 1687529X 1110662X	Comparison of Performance Measurements of Photovoltaic Modules during Winter Months in Taxila, Pakistan	Article ID 898414, 8 pages, doi: <a href="http://dx.doi.org/10.1155/2014/898414">http://dx.doi.org/10.1155/2014/898414</a>	2014	2.663
05	Ali, H.M, Mahmood, M, Bashir, <b>Muzaffar Ali</b> , M. and Siddiqui, A.M.	Thermal Science Journal ISSN: 2334-7163	Outdoor Testing of Photovoltaic Modules during Summer in Taxila, Pakistan	Pages 25-25 doi:10.2298/TSCI131216025A	2014	0.962
06	<b>Muzaffar Ali</b> , Vladimir Vukovic, Nadeem Ahmad,H.M.Ali, Mukhtar Hussain Sahir	Applied Thermal Engineering ISSN: 1359-4311	Enhancement and integration of desiccant evaporative cooling system model calibrated and validated under transient operating conditions	Vol. 75 and pp. 1093-1105	2015	2.624 (5-Year IF: 2.880)
07	<b>Muzaffar Ali</b> , Vladimir Vukovic, Nadeem Ahmed Sheikh, Hafiz M. Ali	Energy Conversion and Management	Performance investigation of solid desiccant evaporative cooling system configurations in different climatic zones,	Vol. 97 and pp. 323–339.	2015	3.590 (5-Year IF=3.604)
08	Hafiz Muhammad ALI, Muhammad Abdullah ZAFAR, Muhammad Anser BASHIR,	Thermal Science Journal ISSN: 2334-7163	Effect Of Dust Deposition on the Performance of Photovoltaic Modules in Taxila, Pakistan	<a href="https://dx.doi.org/10.2298/TSCI140515046A">https://dx.doi.org/10.2298/TSCI140515046A</a> Pages: 46-46	2015	0.962

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	<b>Muzaffar ALI</b> and Aysha Maryam SIDDQUI					
09	Nadeem Ahmad Sheikh, Sheryar Manzoor, <b>Muzaffar Ali</b>	Advances in Condensed Matter Physics ISSN: 1687- 8108 1687-8124	Variation of Heat Flux at Lower Frequencies of Vibration in a Vibrated Granular Bed	Article ID 598354, 6 pages, doi:10.1155/2015/ 598354	2015	1.013
10	Ali Ahsan, <b>Muzaffar Ali</b> , Hafiz.M.Ali, Tanzeel- Rasheed, M. Adil Qadeer, Sher Asim Khan	Technical Journal (JET Taxila). ISSN: 1813- 1786 2313-7770	Implementation Analysis of ISO 50001:2011 Energy Management System (EnMS) on a Small/Medium Enterprise	Vol. 20 (2) and pp.72-80.	2015	Y- category
11	<b>Muzaffar Ali</b> , Vladimir Vukovic, Nadeem Ahmed Sheikh, Hafiz M. Ali	Applied Thermal Engineering ISSN: 1359- 4311	Performance Analysis of Solar Assisted Desiccant Cooling System Cycles in World Climate Zones	Under review	2015	2.880
12	<b>Muzaffar Ali</b> , H.M. Ali, Waqar Moazzam, M. Babar Saeed,	AIM Press	Performance Enhancement of PV Cells Through Micro-Channel Cooling, AIMS Press, Special Issue: Advances in Energy and Sustainable Development (submitted)	Under review	2015	-----
13	Muhammad Hasan Iqbal; <b>Muzaffar Ali</b> , Hafiz Muhammad Ali, M.Shehryar Manzoor; Nadeem Ahmad Sheikh	Applied Thermal Engineering ISSN: 1359- 4311	PERFORMANCE INVESTIGATION OF AIR VELOCITY EFFECTS ON PV MODULES UNDER CONTROLLED CONDITIONS	Under review	2015	2.880
14	Omar Khalid, <b>Muzaffar Ali</b> , Nadeem Ahmed Sheikh, Hafiz Muhammad Ali, Muhammad Shehryar Mansoor	Applied Thermal Engineering ISSN: 1359- 4311	EXPERIMENTAL ANALYSIS OF AN IMPROVED MAISOSENKO CYCLE DESIGN UNDER LOW VELOCITY CONDITIONS	Under review	2015	2.880
15	Muhammad NOMAN, Ahmad WASIMa, <b>Muzaffar ALI</b> , Mirza JAHANZAIB , Salman HUSSAIN, Haris AZIZa	Thermal Science Journal ISSN: 2334- 7163	PERFORMANCE EVALUATION OF SOLAR COOKING SYSTEM BY USING PARABOLIC TROUGH	Under review	2015	1.222