

DC MEMBER 5

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LIST OF PUBLICATIONS FOR LAST FIVE YEARS – 2015-2020

Sl. No	Title of papers	Author(s)	Name of Journal	Year ,Volume	Page No.	
					From	To
1.	Building Bricks With PCM Inserts For Passive Cooling Applications	T.Anfas Mukram, Joseph Daniel	IOP Conference Series: Earth and Environmental Science	2020,573	12	34
2.	Heat transfer analysis of building brick filled with microencapsulated phase change material	Anfas Mukram Thattoth, Joseph Daniel	AIP Conference Proceedings	2020,2236	30	42
3.	Thermodynamic Analysis Of Hybrid-SOFC Gas Turbine Powered By Syngas From Municipal Solid Waste	Joseph Daniel, Sreekanth Manavalla	International Journal of Mechanics and Design	2019,05	51	59
4.	Photocatalytic Degradation Of Acid Red-85 Dye By Nickel Substituted Bismuth Ferrite Nanoparticles	Caroline Ponraj, G.Vinitha, Joseph Daniel	Materials Research Express	2019,06	840	846
5.	Solar Passive Building Cooling: Recent Trends And Novel Approaches	T.Anfas Mukram, Joseph Daniel	International Journal of Mechanics and Design	2019,05	10	23
6.	Thermal analysis of PCM integrated building blocks for passive cooling applications	Joseph Daniel Anfas Mukram	IOP Conference Series: Materials Science and Engineering	2018,376	12	15
7.	Thermodynamic Study Of A 250 Mwe Combined Cycle Power Plant At Full Load And Part Load Conditions	Manavalla Sreekanth, Joseph Daniel	International Journal of Mechanical Engineering and Tech	2018,09	870	877
8.	Development And Testing Of A Solar Cooker With Thermal Energy Storage System	S.Mallikarjuna Reddy, V.Sandeep, M.Sreekanth, Joseph Daniel	International Energy Journal	2017,17	185	192

9.	A Review On The Visible Light Active Bifeo3 Nanostructures As Suitable Photocatalyst In The Degradation Of Different Textile Dyes	Caroline Ponraj, G.Vinitha, Joseph Daniel	Environmental Nanotechnology, Monitoring & Management	2017,07	110	120
10.	Visible Light Photocatalytic Activity Of Mn-Doped Bifeo ₃ Nanoparticles	Caroline Ponraj, G.Vinitha, Joseph Daniel	International Journal of Green Energy	2020,17	71	83
11.	Photocatalytic Degradation Of Direct Blue Dye By Bifeo3 Nanoparticles Under Visible Light Irradiation	Caroline Ponraj, D.Prabhakaran, G.Vinitha, Joseph Daniel	Nano Hybrids and Composites	2017,17	194	204
12.	Market Acceptable Cost For A Hybrid Solar Linear Concentrator In India A Sensitivity Study	I.Skryabin J.Daniel, M.Vivar, L.Suganthi, S.Iniyan	Energy Sources- Part B	2016,11	80	86
13.	Exergy in Hybrid Gas Turbines-A Review	Manavalla Sreekanth, Joseph Daniel	Indian Journal of Science and Technology	2016,10	40	-
14.	Sustainability As A Part Of Product Design Using A Mobile Phone Case	C.Jebaraj S.Abhijith, Shivam Bhalla, D.Davidson Jebaseelan, Joseph Daniel	Journal of Chemical and Pharmaceutical Sciences	2015,05	320	325
15.	Implementing results of Exergy analysis in steam turbine power plants	Joseph Daniel M.Sreekanth	International Journal of Applied Engineering research	2015,10	32113	32123
16.	Sustainable Redesign Of A Hypodermic Syringe	D.Davidson L.Jebaseelan Jayaraj, Joseph Daniel	Journal of Chemical and Pharmaceutical Sciences	2015,05	368	370
17.	Devolatilization of Wood in Fluidized Beds-A Review of Research on Experiments and Modelling	M Sreekanth, Joseph Daniel, V.Karthikeyan	International Journal of Innovation and Scientific Research	2015,14	178	187