

Publications / Journal: Year 2015

Title	Name of the Author (s) / (If multiple author from different department, include their department name also.	Name of the Journal/ Conference	Volume	Page No	Year of Publicatio n
India's climate pledge and the global goal of limiting warming below 2°C	Rajiv Kumar Chaturvedi	Current Science	Volume 109, Number 10	1769-1772	November 2015
"Snow depth estimation in the Indian Himalaya using multi-channel passive microwave radiometer"	KK Singh, A Kumar, AV Kulkarni , P Datt, SK Dewali, V. Kumar, R. Chauhan.	Current Science	Volume 108, Number 5	942-953	March 2015
Fabrication of Semi Transparent Photovoltaic Cell by a Cost-Effective Technique	K.N. Nithyayini And Sheela K. Ramasesha	Metallurgical And Materials Transactions E	Volume 2E, DOI:10.1007/s40553-015-0053-x	157-163	2015
Fabrication of black contacts using laser writer and photolithography for inscribing textured solar cells,	Murugaiya Sridar Ilango, Vijay Manterio and Sheela K Ramasesha	Bull. Mater. Sci.,	Vol 38, No. 1 DOI: 10.1007/S12034-014-0819-2	191-196	2015
Effects of large-scale deforestation on precipitation in the monsoon regions: Remote versus local effects	N. Devaraju , Govindasamy Bala, and Angshuman Modak	Proceedings of the National Academy of Sciences	Vol 112, no.11 doi:10.1073/pnas.1423439112	3257– 3262	2015
Economic tradeoffs in mitigation, due to different atmospheric lifetimes of CO ₂ and black carbon	Ashwin K. Seshadri	Ecological Economics	Vol. 114 http://dx.doi.org/10.1016/j.ecolecon.2015.03.004	47-57	2015
Comparison of performance of solar photovoltaic on dual axis tracker with fixed axis at 13°N latitude	Roshan R. Rao, H. R. Swetha, J. Srinivasan and Sheela K. Ramasesha*	Current Science	Vol. 108, No.11	2087-2094	June 2015
"A photovoltaic stand-alone lighting system polymeric-silica-gel-electrolyte-based substrate-integrated lead-carbon hybrid ultracapacitors"	A. Banerjee, S. K. Ramasesha and A. K. Shukla,	Electrochemical Energy Technology	Vol.1, DOI 10.1515/eetech-2015-0001	10 - 16	2015
"Experimental investigation of dielectric properties of seasonal snow at field observatories in the northwest Himalaya"	Kamal K Singh, Ashavani Kumar, Anil V Kulkarni , Prem Datt, Sanjay K Dewali, Manoj Kumar,	Annals of Glaciology	DOI: 10.3189/2016AoG71A011		2015

“Remotely sensed debris thickness mapping of Bara Shigri Glacier, Indian Himalaya”,	Simone Schauwecker, Mario Rohrer, Christian Huggel, Anil Kulkarni , AL Ramanathan, Nadine Salzmann, Markus Stoffel, Ben Brock,	Journal of Glaciology,	Volume 61, Number 228	675-688(14).	2015
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