- 1. Theoretical analysis of inclined solar still with baffle plates for improving the fresh water yield, R Sathyamurthy, DGH Samuel, PK Nagarajan, Process Safety and Environmental Protection 101, 93-107, 2016
- Performance enhancement of a single basin single slope solar still using agitation effect and external condenser, RA Kumar, G Esakkimuthu, KK Murugavel, Desalination 399, 198-202
 52 2016
- 3. EXPERIMENTAL INVESTIGATION AND NEURAL NETWORK PREDICTION OF THE PERFORMANCE OF A MIXED MODE SOLAR DRYER FOR COCONUT, KK Murugavel, V Subbian, R Thirupathieswaran, JOURNAL OF ADVANCES IN CHEMISTRY 12 (25), 5635-5644, 2016
- 4. Experimental Investigation of Thermal Performance of a Single and Double Pass Solar Air Heater with Arc Like Structures as the Absorber Plate, SG Stanley, KK Murugavel, Journal of Computational and Theoretical Nanoscience 14 (7), 3410-3415, 2017
- 5. Computational Fluid Dynamics Based Experimental Analysis of Solar Tunnel Dryer for Tapioca Using Aluminium and Copper Absorber Plate, V Subbian, KK Murugavel, Journal of Computational and Theoretical Nanoscience 14 (7), 3405-3409, 2017
- 6. Enhancement of integrated solar still using different new absorber configurations: An experimental approach RS Hansen, KK Murugavel, Desalination 422, 59-67, 2017
- 7. Energy analysis of building integrated photovoltaic modules, A Karthick, KK Murugavel, DSR Prabhakaran, International conference on power and embedded drive control, 2017
- 8. An experimental comparative performance study of semi-cylindrical and double slope solar still. C Jeyabalaji, KK Murugavel, T Rajaseenivasan, Desalination and Water Treatment 67, 11-15, 2017
- 9. Performance enhancement of a building-integrated photovoltaic module using phase change material, A Karthick, KK Murugavel, P Ramanan. Energy 142, 803-812, 2018
- 10.Performance analysis of semitransparent photovoltaic module for skylights, A Karthick, KK Murugavel, L Kalaivani, Energy 162, 798-812, 2018.

- 11.Performance study of building integrated photovoltaic modules, A Karthick, K Kalidasa Murugavel, L Kalaivani, U Saravana Babu, Advances in Building Energy Research 12 (2), 178-194, 2018
- 12.Performance evaluation of building-integrated photovoltaic systems for residential buildings in southern India, P Ramanan, K Kalidasa Murugavel, A Karthick, K Sudhakar, Building Services Engineering Research and Technology, 014362441988174, 2019
- 13.Investigation of a binary eutectic mixture of phase change material for building integrated photovoltaic (BIPV) system, A Karthick, KK Murugavel, A Ghosh, K Sudhakar, P Ramanan Solar Energy Materials and Solar Cells 207, 110360, 2020
- 14. Temperature Regulation of CIS Photovoltaic Module Using Eutectic Salt Hydrate as PCM, P Ramanan, KK Murugavel, DH Kishan, G Suriyanarayanan, Proceedings of ICDMC 2019, 637-652, 2020