

List of Journal papers published

1. Gogoi, T. K. and Konwar, D. Exergy analysis of a H₂O-LiCl absorption refrigeration system with operating temperatures estimated through inverse analysis. *Energy Conversion and Management*, 110:436-447, 2016.
2. Konwar, D. and Gogoi, T. K. Performance of double effect H₂O-LiCl absorption refrigeration systems and comparison with H₂O-LiBr systems, Part 1: Energy analysis. *Thermal Science and Engineering Progress*, 8:184-203, 2018.
3. Konwar, D. and Gogoi, T. K. Performance of double effect H₂O-LiCl absorption refrigeration systems and comparison with H₂O-LiBr systems, Part 2: Exergy analysis. *Thermal Science and Engineering Progress*, 8:171-183, 2018.
4. Konwar, D., Gogoi, T. K., and Das, A. J. Multi-objective optimization of double effect series and parallel flow water-lithium chloride and water-lithium bromide absorption refrigeration systems. *Energy Conversion and Management*, 180:425-441, 2019.
5. Konwar, D., Gogoi, T. K., and Das, A. J. Reply to Comment on Multi-objective optimization of double effect series and parallel flow water-lithium chloride and water-lithium bromide absorption refrigeration systems “[Energy Convers. Manage. 2019; 180: 425-441] by Konwar et al”. *Energy Conversion and Management*, 185:938-941, 2019.

List of conference proceedings

1. Konwar, D. and Gogoi, T. K. Exergy based parametric analysis of a water-LiCl vapour absorption refrigeration system. In Proceedings of *National Conference on Sustainable Mechanical Engineering: Today and Beyond*, Tezpur University, Napaam, Assam, 25th & 26th March, 2017.
2. Konwar, D. and Gogoi, T. K. Multi-objective optimization of series flow double effect water-LiCl and water-LiBr absorption refrigeration systems, In Proceedings of *National Conference on Refrigeration and Air Conditioning (NCRAC 2018)*, NIT Surathkall, Karnataka, 24-26 May 2018.