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## List of Publications and Conferences

- **List of articles published in peer-reviewed journals:**

1. **Islam, S.,** Kumar, P., Cheroor, R., Jaiswal, M., Begum, A., Srivastav, P. P., & Srivastava, B. (2024). Influence of non-thermal dielectric barrier discharge (DBD) plasma treatment on pectin methylesterase inactivation and ascorbic acid degradation in *Citrus sinensis* (cv. Malta) juice. *Journal of Food Measurement and Characterization*, 18(11): 9603–9617.

- **List of articles under preparation for peer-reviewed journals:**

1. **Islam, S.,** Cheroor, R., and Srivastava, B. Effect of atmospheric cold plasma on the quality attributes of orange juice (cv. Wakro).

- **Participation in national / international conferences:**

1. **Islam, S.,** and Srivastava, B. Effect of cold plasma on the physicochemical properties of orange juice (poster presentation). International Conference on Current Trends in Research in Chemistry for Sustainability, Health Care, and Forensic Analysis (SusChemHeca-2024) organized by the Department of Chemical Sciences at Tezpur University, Tezpur, Assam 784028, India during 14<sup>th</sup>–15<sup>th</sup> March, 2024.
2. **Islam, S.,** Begum, A., Reshma, C., and Srivastava, B. Effects of atmospheric cold plasma on pectin methylesterase (PME) and *Escherichia coli* (*E. coli*) inactivation in orange juice (cv. Wakro): A kinetic study (paper presentation). National Conference on Emerging Trends in Science and Technology (ETST-2024) jointly organized by the Department of Botany, Department of Chemistry, Department of Mathematics, Department of Physics, Department of Zoology in association with Internal Quality Assurance Cell, B. B. Kishan College, Jalah, BTR, Assam 781327, India during 16<sup>th</sup>–18<sup>th</sup> December, 2024.
3. **Islam, S.,** and Srivastava, B. Quality Changes of Atmospheric Cold Plasma (ACP) Assisted Processing Orange (cv. Wakro) Juice during Storage (poster presentation). National Conference on Emerging Technologies for Sustainable Agro-Food-Biosystems (ET-SAFE-2025) organized by the Department of Food Engineering and Technology at Tezpur University, Tezpur, Assam 784028, India in association with Association of Food Scientists and Technologists (India)-Tezpur Chapter during 13<sup>th</sup>–15<sup>th</sup> February, 2025.