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## List of Publications

### Refereed Journal Papers

1. **Prashant Srivastava** and Amitesh Kumar , 'Nano-cryospray: An adjuvant assisted approach to increase the efficacy of cryospray', **Cryobiology** (accepted), DOI:<https://doi.org/10.1016/j.cryobiol.2022.02.001>.
2. **Prashant Srivastava**, Ajay Kumar Sahi, Amitesh Kumar and Sanjeev Kumar Mahto, 'Establishing relation between in-vivo and in-vitro Cryospray experiments through thermal characteristics', **International Journal of Thermal Sciences**, 176 (2022), pp. 107389, DOI: <https://doi.org/10.1016/j.ijthermalsci.2021.107389>.

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3. **Prashant Srivastava** and Amitesh Kumar, 'Optimizing the spray parameters of a cryospray process', **Cryobiology**, 98(2021) 201-209, DOI: <https://doi.org/10.1016/j.cryobiol.2020.10.020>.
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1. **Prashant Srivastava** and Amitesh Kumar, 'An experimental study to characterize the role of multihole nozzle in adjuvant assisted cryospray', *International Journal of Thermal Sciences* (revision submitted).
2. **Prashant Srivastava** and Amitesh Kumar, 'Numerical study on the spray and thermal characteristics of cryospray process'.
3. **Prashant Srivastava** and Amitesh Kumar, 'Nano-cryospray: Thermal effect of adjuvants on cryoablation'.
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## Refereed Conference Papers

1. **Prashant Srivastava** and Amitesh Kumar, 'Comparative analysis of cryoablation in nano-phantom and normal-phantom with multihole nozzle', 26th National and 4rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC), December 2021, IIT Madras, India
2. **Prashant Srivastava** and Amitesh Kumar, 'Comparative analysis of cryoablation in nano-phantom and normal-phantom', CRYO2021, The Society of Cryobiology's 58th Annual Meeting, 20-23 July, 2021.
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4. **Prashant Srivastava** and Amitesh Kumar, 'A novel approach to optimise the volume of necrotic zone around the cancerous lesion', Proceedings of the 25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2019), 28-31 December, 2019, IIT Roorkee, Roorkee, India.