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AUTHOR'S RELEVANT PUBLICATIONS

Journals:

1. **Arjun Kumar,** Smrity Dwivedi and P. K. Jain, "MILO Performance Improvement Study--An Equivalent Circuit Approach," ***IEEE Transaction on Plasma Science***, vol. 47, no. 10, pp. 4642-4649, Oct. 2019.

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1. **Arjun Kumar,** Prabhakar Tripathi, Smrity Dwivedi and P. K. Jain, "Simulation Investigation of S/Ku dual-band magnetically insulated line Oscillator," ***IMaRC 2018***, 22-24 November 2018, Kolkata, India.

2. **Arjun Kumar,** Prabhakar Tripathi, Smrity Dwivedi and P. K. Jain, "PIC Simulation Study of L-band Bifrequency Magnetically Insulated Line Oscillator," ***URSI AP-RASC 2019***, New Delhi, India, 09 - 15 March 2019.

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5. **Arjun Kumar,** M. Thottappan and P. K. Jain, "Study of Asymmetric Mode Generation in Magnetically Insulated Line Oscillator," ***National conference on Emerging trend in vacuum electronics device and applications (VEDA)***, 17-19 November 2017, IIT, Roorkee, Uttarakhand, India.

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7. **Arjun Kumar,** Prabhakar Tripathi, Smrity Dwivedi and P. K. Jain, "Analysis and 3D PIC simulation of axial-partition dielectric loaded bifrequency MILO," ***National conference on Emerging trend in vacuum electronics device and applications (VEDA),*** 21-23 November 2019, NIT Patna, India.

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9. **Arjun Kumar,** Prabhakar Tripathi, Smrity Dwivedi and P. K. Jain, "PIC simulation study of dielectric-filled S-band magnetically insulated line oscillator (MILO)," ***URSI Regional Conference on Radio Science (RCRS) 2020***, 12-14 February 2020, IIT (BHU), Varanasi, India.