

# Mukesh Kumar Alaria

## List of Publications by Year in descending order

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18  
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docs citations

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79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of coaxial and waveguide couplers for helix TWT. Frequenz, 2021, 75, 159-163.	0.9	0
2	RF characterization of Cavity and Window for Gyro-devices. , 2021, , .		0
3	Development of 170GHz, 0.1MW short pulse gyrotron. Fusion Engineering and Design, 2019, 144, 87-92.	1.9	1
4	Backward wave oscillation suppression study of the helix travelling wave tube. Journal of Electromagnetic Waves and Applications, 2019, 33, 557-563.	1.6	3
5	Design and Development of MIG for 170-GHz Gyrotron. IEEE Transactions on Plasma Science, 2018, 46, 1984-1989.	1.3	5
6	Design and development of mode launcher for high frequency Gyrotron. Infrared Physics and Technology, 2016, 75, 187-192.	2.9	3
7	Design of 42GHz gyrotron for Indian fusion tokamak system. Fusion Engineering and Design, 2013, 88, 2898-2906.	1.9	18
8	Design and Simulation of Lossy Interaction Structure for Ka-Band Gyro-TWT. IEEE Transactions on Plasma Science, 2013, 41, 2264-2268.	1.3	3
9	Design of Single-Disk RF Window for High-Power Gyrotron. IEEE Transactions on Plasma Science, 2012, 40, 3052-3055.	1.3	5
10	Analysis of cavity and window for THz Gyrotron. , 2011, , .		0
11	Thermal Design of RF Window for High-Power Gyrotron. IEEE Transactions on Plasma Science, 2011, 39, 1795-1799.	1.3	2
12	DESIGN AND CHARACTERIZATION OF HELIX SLOW WAVE STRUCTURE FOR KU-BAND SPACE TWT. Progress in Electromagnetics Research C, 2010, 16, 171-182.	0.9	4
13	P2-12: Thermal analysis of slow wave structure for a space helix TWT. , 2010, , .		4
14	P3-15: Eigen mode analysis of cylindrical cavity for millimeter & submillimeter gyrotrons. , 2010, , .		0
15	Design of RF window for 42 GHz, 200kW gyrotron. , 2009, , .		0
16	Analysis of Helix Slow Wave Structure for High Efficiency Space TWT. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 211-216.	2.2	6
17	Design of Tip Loss Profile on Support Rod for a Helix TWT. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 651-656.	2.2	2
18	Design of Coaxial Couplers for High Efficiency Helix TWT. Journal of Infrared, Millimeter and Terahertz Waves, 2008, 29, 1083-1090.	0.6	3