Vishant Gahlaut

List of Publications by Year
in descending order

13 papers	68 citations

1684188

5 h-index	

1588992

8 g-index	

13 all docs	13 docs citations	13 times ranked	45 citing authors

#	Article	IF	Citations
1	A Novel Geometry Multi-Stage Depressed Collector for the Efficiency Enhancement of Space Traveling Wave Tubes. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 53-61.	2.2	21
2	Design and Analysis of Reconfigurable Microstrip Antenna for Cognitive Radio Applications. Wireless Personal Communications, 2018, 98, 2163-2185.	2.7	16
3	Thermal Impact on the Performance of Highly Efficient Multi-stage Depressed Collector for Space TWT. Frequenz, 2014, 68, .	0.9	6
4	Inverse Magnetron Injection Gun for Megawatt Power, Sub-THz Gyrotron. IEEE Transactions on Plasma Science, 2019, 47, 1262-1268.	1.3	6
5	170-GHz, 2-MW Coaxial-Cavity Gyrotron Design for Plasma Fusion System. IEEE Transactions on Plasma Science, 2018, 46, 3165-3172.	1.3	5
6	Design and analysis of triple band-notched micro-strip UWB antenna. Cogent Engineering, 2016, 3, 1249603.	2.2	4
7	A model for quick thermal prediction of multi-stage depressed collector. Journal of Electromagnetic Waves and Applications, 2018, 32, 543-553.	1.6	2
8	Role of Material on the Performance of Multi-stage Depressed Collectors. , 2019, , .		2
9	Thermal Study on the Dependence of Contact Resistances on Helical SWS of TWTs. IEEE Transactions on Plasma Science, 2021, 49, 2080-2085.	1.3	2
10	Study on Impact of Different Electrode Materials on the Collector Performance in TWTs. IEEE Transactions on Plasma Science, 2022, 50, 229-235.	1.3	2
11	Thermal Management Techniques for Novel Single-Stage Collector of THz Folded Waveguide TWT. IEEE Transactions on Plasma Science, 2021, 49, 689-694.	1.3	1
12	RF characterization of integrated gun-cavity for UHF band Inductive Output Tube. , 2021, , .		1
13	Parallel implementation of space charge force calculation in SUNRAY-1D using MPI. , 2021, , .		0