

# Vishant Gahlaut

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5047517/publications.pdf>

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13  
papers

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1684188  
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45  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | 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         |
| 4  | RF characterization of integrated gun-cavity for UHF band Inductive Output Tube. , 2021, , .  |     | 1         |
| 5  | Parallel implementation of space charge force calculation in SUNRAY-1D using MPI. , 2021, , .   |     | 0         |
| 6  | Inverse Magnetron Injection Gun for Megawatt Power, Sub-THz Gyrotron. IEEE Transactions on Plasma Science, 2019, 47, 1262-1268.   | 1.3 | 6         |
| 7  | Role of Material on the Performance of Multi-stage Depressed Collectors. , 2019, , .  |     | 2         |
| 8  | Design and Analysis of Reconfigurable Microstrip Antenna for Cognitive Radio Applications. Wireless Personal Communications, 2018, 98, 2163-2185.                                     | 2.7 | 16        |
| 9  | A model for quick thermal prediction of multi-stage depressed collector. Journal of Electromagnetic Waves and Applications, 2018, 32, 543-553.  | 1.6 | 2         |
| 10 | 170-GHz, 2-MW Coaxial-Cavity Gyrotron Design for Plasma Fusion System. IEEE Transactions on Plasma Science, 2018, 46, 3165-3172.  | 1.3 | 5         |
| 11 | Design and analysis of triple band-notched micro-strip UWB antenna. Cogent Engineering, 2016, 3, 1249603.   | 2.2 | 4         |
| 12 | Thermal Impact on the Performance of Highly Efficient Multi-stage Depressed Collector for Space TWT. Frequenz, 2014, 68, .  | 0.9 | 6         |
| 13 | 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        |