

# Tao Song

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Theoretical and Experimental Investigations on Input Couplers for a Double Confocal Gyro-Amplifier. IEEE Transactions on Electron Devices, 2022, 69, 3914-3919.	3.0	1
2	Detailed Investigation on Nonstationary Behavior in a Frequency-Tunable Gyrotron. IEEE Transactions on Electron Devices, 2022, 69, 3400-3406.	3.0	4
3	Experimental Investigations on a 500GHz Continuously Frequency-Tunable Gyrotron. IEEE Electron Device Letters, 2021, 42, 1232-1235.	3.9	11
4	Theoretical Analysis and PIC Simulation of a 140-GHz Double Confocal Waveguide Gyro-TWA. IEEE Transactions on Electron Devices, 2020, 67, 4453-4459.	3.0	2
5	Theoretical Investigations on Forward-Wave and Backward-Wave Operation of a Frequency-Tunable Gyrotron. IEEE Transactions on Electron Devices, 2020, 67, 3809-3814.	3.0	2
6	Effects of the Magnetic Field Taper on a Continuously Frequency-Tunable Gyrotron. IEEE Transactions on Electron Devices, 2020, 67, 3815-3820.	3.0	0
7	Investigations on a 0.5-THz Ultrabroadband, Continuously Frequency-Tunable Gyrotron. IEEE Transactions on Plasma Science, 2020, 48, 581-586.	1.3	1
8	Investigations on the Effect of the Electron Beam Misalignments on a Continuously Frequency-Tunable Gyrotron. IEEE Transactions on Electron Devices, 2020, 67, 1819-1825.	3.0	4
9	Detailed Investigations on a Multisection Cavity for a Continuously Frequency-Tunable Gyrotron. IEEE Transactions on Electron Devices, 2019, 66, 2746-2751.	3.0	6
10	Study on the Effect of Electron Beam Quality on a Continuously Frequency-Tunable 250-GHz Gyrotron. IEEE Transactions on Electron Devices, 2018, 65, 1572-1577.	3.0	12
11	Quasi-Optical Mode Converter for a 0.42 THz TE <sub>17,4</sub> Gyrotron. , 2018, , .		0
12	Quasi-Optical Mode Converter for a 0.42 THz TE <sub>17,4</sub> Mode Pulsed Gyrotron Oscillator. IEEE Transactions on Electron Devices, 2017, 64, 1751-1755.	3.0	13
13	A Method to Separate Radiations From a Dual-Frequency Operation Gyrotron. IEEE Transactions on Electron Devices, 2016, 63, 2145-2148.	3.0	8
14	Quasi-Optical Mode Converter for a 0.42-THz TE <sub>26</sub> Mode Pulsed Gyrotron Oscillator. IEEE Transactions on Plasma Science, 2016, 44, 2406-2409.	1.3	5