

Xianfei Chen

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mode Excitation in Gyrotrons With Triode-Type Electron Guns. IEEE Transactions on Electron Devices, 2022, 69, 785-791.	3.0	1
2	Failure Analysis of the 100 T Pulsed Magnet at the WHMFC. IEEE Transactions on Industry Applications, 2022, 58, 6145-6151.	4.9	3
3	Influence of Misalignment on the Behavior of Electron Beam of an 800 GHz Gyrotron. IEEE Electron Device Letters, 2021, 42, 1662-1665.	3.9	10
4	Dynamic electromagnetic buckling analysis of pulsed magnets. Thin-Walled Structures, 2021, 162, 107621.	5.3	4
5	Shadowing of the operating mode by sidebands in gyrotrons with diode-type electron guns. Physics of Plasmas, 2021, 28, 013110.	1.9	2
6	Magnetron Injection Gun for an 800 GHz Pulsed Gyrotron. , 2021, , .		0
7	Zones of soft and hard self-excitation in gyrotrons: Generalized approach. Physics of Plasmas, 2020, 27, .	1.9	7
8	GYROCOMPU: Toolbox Designed for the Analysis of Gyrotron Resonators. IEEE Transactions on Plasma Science, 2020, 48, 3007-3016.	1.3	7
9	Investigation of the Alignment Method for High-Frequency Gyrotrons. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 460-465.	3.1	8
10	Buckling analysis of pulsed magnets under high Lorentz force. Thin-Walled Structures, 2020, 148, 106604.	5.3	8
11	A Modified Mechanical Model for the Optimization of High Field Solenoid Magnets. IEEE Access, 2020, , 1-1.	4.2	2
12	Failure Analysis of a 100 Tesla Pulsed Magnet. , 2020, , .		2
13	Compact Pulsed Magnets Designed for an 800 GHz, 2th Harmonics Gyrotron. , 2019, , .		4
14	45 T Pulsed Magnets for the THz Gyrotrons. , 2018, , .		0