

Xianfei Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4363938/publications.pdf>

Version: 2024-02-01

14
papers

58
citations

1684188

5
h-index

1720034

7
g-index

14
all docs

14
docs citations

14
times ranked

49
citing authors

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