

Andrey S Zuev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of the Methods of Discrete and Smooth Frequency Tuning in Gyrotrons for Spectroscopy, on the Example of a Generator Operated in the 0.20–0.27 THz Frequency Range. Radiophysics and Quantum Electronics, 2018, 61, 436-444.	0.5	7
2	Analysis of the Possibilities to Control Diffraction Quality Factors of the Cavities of Subterahertz Gyrotrons. IEEE Transactions on Plasma Science, 2020, 48, 4037-4040.	1.3	6
3	Methods for Simulation the Nonlinear Dynamics of Gyrotrons. Communications in Computer and Information Science, 2021, , 49-62.	0.5	5
4	Multibarrel Gyrotrons. Radiophysics and Quantum Electronics, 2020, 63, 97-105.	0.5	4
5	Experimental demonstration of the third cyclotron harmonic excitation in technological gyrotron with delayed selective feedback. Review of Scientific Instruments, 2020, 91, 024706.	1.3	4
6	Concept design of the megawatt power level gyrotron stabilized by a low-power signal for DEMO project. Nuclear Fusion, 2022, 62, 036020.	3.5	3
7	Realization of an Octave Frequency Step-Tuning of Sub-terahertz Gyrotron for Advanced Fusion Research. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 1131.	2.2	3
8	Optimization of a High-Power Subterahertz Gyrotron Tunable in a Wide Frequency Range Allowing for the Limitations Imposed by the Magnetic System. Radiophysics and Quantum Electronics, 2019, 62, 277-285.	0.5	2
9	On Designing the Electron-Optical System of a Multibarrel Gyrotron. Radiophysics and Quantum Electronics, 2021, 63, 634-642.	0.5	2
10	Frequency Tunable sub-THz Gyrotrons for Spectroscopy Applications. EPJ Web of Conferences, 2018, 187, 01025.	0.3	0
11	New Gyrotron Concept: Multi-barrel Gyrotron. , 2021, , .		0