

Semyon A Presnyakov

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Extraction of Thickness and Water-Content Gradients in Hydrogel-Based Water-Backed Corneal Phantoms Via Submillimeter-Wave Reflectometry. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 647-659. | 3.1 | 11 |
| 2 | Investigation of optimal THz band for corneal water content quantification. , 2021, , . | | 1 |
| 3 | Theoretical Analysis of Coaxial-Radial Type Slow-Wave Structure Electrodynamic Characteristics and Its Modifications. , 2020, , . | | 1 |
| 4 | Simulation of Resonator Slow-Wave Structures and Terminal Devices of TWT Sections in SHF and UHF Ranges. , 2019, , . | | 1 |
| 5 | Designing a Beam-Plasma Traveling Wave Tube. Journal of Communications Technology and Electronics, 2019, 64, 517-523. | 0.5 | 0 |
| 6 | All-Metal Slow-Wave-Structure of Coaxial-Radial Line Type for Powerful Multibeam TWT. , 2019, , . | | 0 |
| 7 | Investigation of Extension Limits of Main Passband of the "Chain of Coupled Resonators" Type Slow-Wave Structure. , 2018, , . | | 2 |
| 8 | Analysis of the dispersion characteristics of slow-wave structures with two microwave propagation channels. Journal of Communications Technology and Electronics, 2017, 62, 800-808. | 0.5 | 1 |
| 9 | Analysis of dispersion characteristics of slow-wave structures used in terahertz range devices. , 2017, , . | | 1 |
| 10 | Analysis of dispersion characteristics of chain of coupled resonators with plasma channel filling and further design of plasma-beam travelling-wave tubes based on this method. , 2016, , . | | 0 |
| 11 | Modeling of beam-plasma devices slow-wave structures and analysis of their dispersion characteristics. , 2016, , . | | 0 |