

Anatoly Efremov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sources of High-Power Ultrawideband Radiation Pulses with a Single Antenna and a Multielement Array. <i>Instruments and Experimental Techniques</i> , 2005, 48, 312-320.	0.5	37
2	High-power sources of ultra-wideband radiation with subnanosecond pulse lengths. <i>Instruments and Experimental Techniques</i> , 2011, 54, 70-76.	0.5	35
3	Generation and radiation of high-power ultrawideband nanosecond pulses. <i>Journal of Communications Technology and Electronics</i> , 2007, 52, 756-764.	0.5	24
4	Generation and emission of high-power ultrabroadband picosecond pulses. <i>Journal of Communications Technology and Electronics</i> , 2011, 56, 1429-1439.	0.5	23
5	A high-performance source of high-power nanosecond ultrawideband radiation pulses. <i>Instruments and Experimental Techniques</i> , 2011, 54, 794-802.	0.5	18
6	A four-channel source of high-power pulses of ultrawideband radiation. <i>Instruments and Experimental Techniques</i> , 2013, 56, 302-308.	0.5	12
7	A source of high-power pulses of ultrawideband radiation with a nine-element array of combined antennas. <i>Instruments and Experimental Techniques</i> , 2017, 60, 213-218.	0.5	12
8	A high-power synthesized ultrawideband radiation source. <i>Review of Scientific Instruments</i> , 2017, 88, 094705.	1.3	12
9	A Subnanosecond Voltage Divider on Coupled Lines. <i>Instruments and Experimental Techniques</i> , 2004, 47, 61-62.	0.5	10
10	Momentary interruption of current passing through zero in subnanosecond high-pressure gas-discharge switches. <i>Technical Physics</i> , 2012, 57, 478-486.	0.7	10
11	A High-Power Source of Ultrawideband Pulses of Synthesized Radiation. <i>Instruments and Experimental Techniques</i> , 2019, 62, 33-41.	0.5	8
12	A low-impedance high-voltage bipolar pulse former. <i>Instruments and Experimental Techniques</i> , 2017, 60, 541-544.	0.5	7
13	Radiation of High-power Ultrawideband Pulses with Elliptical Polarization by a Conical Helical Antenna. <i>Instruments and Experimental Techniques</i> , 2018, 61, 68-74.	0.5	5
14	Synthesis of Electromagnetic Pulses with Different Frequency Bands in Free Space. <i>Journal of Communications Technology and Electronics</i> , 2020, 65, 480-494.	0.5	5
15	An S-band vircator with premodulated electron beam based on a compact generator with inductive energy storage. <i>Technical Physics Letters</i> , 2001, 27, 289-291.	0.7	4
16	An ultrawideband Gigawatt pulse generator. <i>Instruments and Experimental Techniques</i> , 2000, 43, 224-229.	0.5	3
17	Emission of High-Power Ultrawideband Elliptically Polarized Pulsed Radiation by a Cylindrical Helical Antenna. <i>Journal of Communications Technology and Electronics</i> , 2018, 63, 868-879.	0.5	2