

Anatoli Shlapakovski

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

65
citations

1937685

4
h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	High power microwave source for a plasma wakefield experiment. Journal of Applied Physics, 2017, 121, .	2.5	19
2	Wakefield in a waveguide. Physics of Plasmas, 2017, 24, .	1.9	8
3	Cryogenic resonant microwave compressors with energy extraction through "warm" interference switches. Journal of Applied Physics, 2016, 119, .	2.5	4
4	Improved operation of a microwave pulse compressor with a laser-triggered high-pressure gas plasma switch. Physics of Plasmas, 2016, 23, 080702.	1.9	0
5	Self-consistent evolution of plasma discharge and electromagnetic fields in a microwave pulse compressor. Physics of Plasmas, 2015, 22, .	1.9	7
6	Investigating the power flow in a relativistic magnetron with radial output. , 2015, , .		0
7	A six vane, single radial output slot relativistic magnetron revisited. , 2015, , .		2
8	Numerical simulations of output pulse extraction from a high-power microwave compressor with a plasma switch. Journal of Applied Physics, 2014, 115, 173302.	2.5	3
9	Investigation of radially converging electron beams generated by GESA IV. , 2014, , .		0
10	Resonant microwave pulse compressor operating in two frequencies. Journal of Applied Physics, 2013, 114, .	2.5	4
11	High-power microwave pulse compressor operating in two frequencies. , 2013, , .		0
12	Progress in research on a relativistic S-band magnetron coupled with a traveling wave resonator. , 2013, , .		0
13	Controlling output pulse and prepulse in a resonant microwave pulse compressor. Journal of Applied Physics, 2013, 113, 054503.	2.5	2
14	Particle-in-cell simulations of a high-power microwave pulse compressor. , 2013, , .		0
15	Investigation of a microwave pulse compressor with a Magic-tee-based plasma interference switch. , 2013, , .		0
16	Transient operation of the relativistic S-band magnetron with radial output. Journal of Applied Physics, 2011, 109, .	2.5	16
17	Toward controllable high-power nanosecond microwave pulses: Research on the antenna-amplifier dielectric Cherenkov maser. , 2010, , .		0