Victor Andreev

List of Publications by Year
in descending order

26	87	1478505 6	1474206 9
papers	citations	h-index	g-index

26	26	26	31
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface Ozone Concentration in Russia in the Second Half of 2020. Atmospheric and Oceanic Optics, 2021, 34, 347-356.	1.3	7
2	Autoresonance phenomenon in a long mirror. Physics of Plasmas, 2021, 28, .	1.9	1
3	Modeling and design of an re-configurable isolated remote for plasma experiments with hard-real-time synchronization. Discrete and Continuous Models and Applied Computational Science, 2021, 29, 205-220.	0.3	0
4	Generation of Plasma Bunches under Conditions of Gyromagnetic Autoresonance in a Long Magnetic Mirror Machine: Computational Experiment. Plasma Physics Reports, 2020, 46, 756-764.	0.9	3
5	Stability of Ion Flow and Role of Boundary Conditions in a Simplified Model of the E Ã— B Plasma Accelerator with a Uniform Electron Mobility. Plasma Physics Reports, 2020, 46, 363-373.	0.9	3
6	Surface Ozone Concentration over Russian Territory in the First Half of 2020. Atmospheric and Oceanic Optics, 2020, 33, 671-681.	1.3	12
7	The Use of Streak Photography, X-Ray Radiography, and Radiometric and Spectrometric Measurements to Study Plasma Bunches Generated under Gyroresonant Interactions. Physics of Atomic Nuclei, 2019, 82, 1404-1413.	0.4	1
8	Parameters of plasma bunches generated in a long mirror trap under conditions of gyromagnetic autoresonance. Journal of Physics: Conference Series, 2019, 1383, 012023.	0.4	0
9	Evolution of energy spectra of the electronic component for plasmoids generated under autoresonance conditions in a long magnetic mirror. Journal of Physics: Conference Series, 2018, 1094, 012014.	0.4	0
10	Spectral changes of bremsstrahlung plasma bunch generated under autoresonance in a long mirror. Journal of Physics: Conference Series, 2018, 1094, 012013.	0.4	1
11	Gyromagnetic autoresonance plasma bunches in a magnetic mirror. Physics of Plasmas, 2017, 24, .	1.9	13
12	Study of the development of relativistic plasma bunches in a long mirror trap by optical and X-ray imaging and numerical simulations. Plasma Physics Reports, 2017, 43, 1114-1118.	0.9	4
13	Parameters of radiation processes in the microwave resonant plasma. Plasma Physics Reports, 2017, 43, 1119-1122.	0.9	0
14	Properties and parameters of the electron beam injected into the mirror magnetic trap of a plasma accelerator. Plasma Physics Reports, 2016, 42, 293-297.	0.9	5
15	Spectroscopic and probe measurements of the electron temperature in the plasma of a pulse-periodic microwave discharge in argon. Plasma Physics Reports, 2016, 42, 699-702.	0.9	0
16	Spatial configuration of a plasma bunch formed under gyromagnetic resonance in a magnetic mirror trap. Plasma Physics Reports, 2016, 42, 633-636.	0.9	1
17	Passing particle toroidal precession induced by electric field in a tokamak. Physics of Plasmas, 2013, 20, 122502.	1.9	2
18	TRAPPING EFFICIENCY, ACCELERATION RATE AND CONFINEMENT OF RELATIVISTIC PLASMA BUNCH UNDER GYROMAGNETIC AUTORESONANCE. Problems of Atomic Science and Technology, Series Thermonuclear Fusion, 2013, 36, 86-95.	0.2	1

#	Article	IF	Citations
19	INVESTIGATION OF THE INITIAL LOW PRESSURE ECR-PLASMA FOR OPERATION MODE OF GYROMAGNETIC AUTORESONANCE PLASMA ACCELERATOR. Problems of Atomic Science and Technology, Series Thermonuclear Fusion, 2013, 36, 72-82.	0.2	1
20	MULTI-LAYER MIRROR FOR THOMSON SCATTERING DIAGNOSTIC EXPERIMENT ON T-10 TOKAMAK. Problems of Atomic Science and Technology, Series Thermonuclear Fusion, 2013, 36, 70-75.	0.2	0
21	A pulse-periodic gyroresonant plasma accelerator. Instruments and Experimental Techniques, 2012, 55, 301-312.	0.5	7
22	Influence of Bernstein modes on the efficiency of electron cyclotron resonance x-ray source. Review of Scientific Instruments, 2006, 77, 03C114.	1.3	1
23	Relativistic plasma and electron bunches in plasma synchrotrons of GYRAC. Plasma Sources Science and Technology, 1999, 8, 479-487.	3.1	11
24	A device for generation and accumulation of plasma with relativistic electron temperature by means of the gyromagnetic autoresonance. Review of Scientific Instruments, 1993, 64, 2272-2276.	1.3	1
25	GYRACâ€Dâ€O: Relativistic plasma accumulator and ion accelerator. Review of Scientific Instruments, 1992, 63, 2907-2909.	1.3	2
26	Experiments with a relativistic plasma produced by a microwave discharge in a time-dependent magnetic field. Physica Scripta, 1991, 43, 490-494.	2.5	10