

# Victor Andreev

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

87  
citations

1478505

6  
h-index

1474206

9  
g-index

26  
all docs

26  
docs citations

26  
times ranked

31  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gyromagnetic autoresonance plasma bunches in a magnetic mirror. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	13
2	Surface Ozone Concentration over Russian Territory in the First Half of 2020. <i>Atmospheric and Oceanic Optics</i> , 2020, 33, 671-681.	1.3	12
3	Relativistic plasma and electron bunches in plasma synchrotrons of GYRAC. <i>Plasma Sources Science and Technology</i> , 1999, 8, 479-487.	3.1	11
4	Experiments with a relativistic plasma produced by a microwave discharge in a time-dependent magnetic field. <i>Physica Scripta</i> , 1991, 43, 490-494.	2.5	10
5	A pulse-periodic gyroresonant plasma accelerator. <i>Instruments and Experimental Techniques</i> , 2012, 55, 301-312.	0.5	7
6	Surface Ozone Concentration in Russia in the Second Half of 2020. <i>Atmospheric and Oceanic Optics</i> , 2021, 34, 347-356.	1.3	7
7	Properties and parameters of the electron beam injected into the mirror magnetic trap of a plasma accelerator. <i>Plasma Physics Reports</i> , 2016, 42, 293-297.	0.9	5
8	Study of the development of relativistic plasma bunches in a long mirror trap by optical and X-ray imaging and numerical simulations. <i>Plasma Physics Reports</i> , 2017, 43, 1114-1118.	0.9	4
9	Generation of Plasma Bunches under Conditions of Gyromagnetic Autoresonance in a Long Magnetic Mirror Machine: Computational Experiment. <i>Plasma Physics Reports</i> , 2020, 46, 756-764.	0.9	3
10	Stability of Ion Flow and Role of Boundary Conditions in a Simplified Model of the E $\perp$ B Plasma Accelerator with a Uniform Electron Mobility. <i>Plasma Physics Reports</i> , 2020, 46, 363-373.	0.9	3
11	GYRAC: Relativistic plasma accumulator and ion accelerator. <i>Review of Scientific Instruments</i> , 1992, 63, 2907-2909.	1.3	2
12	Passing particle toroidal precession induced by electric field in a tokamak. <i>Physics of Plasmas</i> , 2013, 20, 122502.	1.9	2
13	A device for generation and accumulation of plasma with relativistic electron temperature by means of the gyromagnetic autoresonance. <i>Review of Scientific Instruments</i> , 1993, 64, 2272-2276.	1.3	1
14	Influence of Bernstein modes on the efficiency of electron cyclotron resonance x-ray source. <i>Review of Scientific Instruments</i> , 2006, 77, 03C114.	1.3	1
15	Spatial configuration of a plasma bunch formed under gyromagnetic resonance in a magnetic mirror trap. <i>Plasma Physics Reports</i> , 2016, 42, 633-636.	0.9	1
16	Spectral changes of bremsstrahlung plasma bunch generated under autoresonance in a long mirror. <i>Journal of Physics: Conference Series</i> , 2018, 1094, 012013.	0.4	1
17	The Use of Streak Photography, X-Ray Radiography, and Radiometric and Spectrometric Measurements to Study Plasma Bunches Generated under Gyroresonant Interactions. <i>Physics of Atomic Nuclei</i> , 2019, 82, 1404-1413.	0.4	1
18	Autoresonance phenomenon in a long mirror. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	1

#	ARTICLE	IF	CITATIONS
19	TRAPPING EFFICIENCY, ACCELERATION RATE AND CONFINEMENT OF RELATIVISTIC PLASMA BUNCH UNDER CYROMAGNETIC AUTORESONANCE. Problems of Atomic Science and Technology, Series Thermonuclear Fusion, 2013, 36, 86-95.	0.2	1
20	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
21	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
22	Parameters of radiation processes in the microwave resonant plasma. Plasma Physics Reports, 2017, 43, 1119-1122.	0.9	0
23	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
24	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
25	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
26	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