

# Alexander Sergeev

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132 papers	959 citations	17 h-index	25 g-index
139 ext. papers	1,184 ext. citations	1.4 avg, IF	3.9 L-index

#	Paper	IF	Citations
132	Phase-Locking of Second-Harmonic Gyrotrons for Providing MW-Level Output Power. <i>IEEE Transactions on Electron Devices</i> , <b>2022</b> , 69, 754-758	2.9	0
131	Quasi-Optical Theory of Relativistic Cherenkov Oscillators and Amplifiers with Oversized Electrodynamic Structures. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 1197	2.6	0
130	Entrainment, stopping, and transmission of microwave solitons of self-induced transparency in counter-propagating magnetized electron beam. <i>Chaos</i> , <b>2022</b> , 32, 053123	3.3	0
129	Increasing the Power and Radiation Coherence of Wide-Aperture Heterolasers by Optimizing the Width of the Bragg Grating. <i>Semiconductors</i> , <b>2021</b> , 55, 672	0.7	0
128	High-Power Free-Electron Masers Based on Linear Induction Accelerators. <i>Radiophysics and Quantum Electronics</i> , <b>2021</b> , 63, 931	0.7	0
127	Generation Spectrum of Long-Pulse Free-Electron Terahertz Lasers: Quasilinear Theory. <i>JETP Letters</i> , <b>2021</b> , 113, 626-630	1.2	1
126	. <i>IEEE Electron Device Letters</i> , <b>2021</b> , 42, 751-754	4.4	3
125	Quasi-optical theory of relativistic Cherenkov surface-wave oscillators with oversized cylindrical waveguides. <i>Physics of Plasmas</i> , <b>2021</b> , 28, 063102	2.1	3
124	Conditions of rogue-wave generation in gyrotrons. <i>Physics of Plasmas</i> , <b>2021</b> , 28, 083302	2.1	0
123	Generation of intense spatially coherent superradiant pulses in strongly oversized 2D periodical surface-wave structure. <i>Applied Physics Letters</i> , <b>2020</b> , 117, 183505	3.4	9
122	Generation of Rogue Waves in Gyrotrons with High-Current Relativistic Beams. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , <b>2020</b> , 84, 189-192	0.4	1
121	Diffraction-Mode Selection in Heterolasers with Planar Bragg Structures. <i>Semiconductors</i> , <b>2020</b> , 54, 1161-1165	1.1	2
120	Widening of the Frequency Tuning Bandwidth in a Subterahertz Gyrotron with an External Bragg Reflector. <i>Radiophysics and Quantum Electronics</i> , <b>2020</b> , 63, 363-370	0.7	0
119	Generation of Terahertz Superradiance Pulses under Stimulated Scattering of Laser Radiation by an Associated High-Current Relativistic Electron Beam. <i>Technical Physics Letters</i> , <b>2020</b> , 46, 1162-1166	0.7	0
118	Unified quasi-optical theory of short-wavelength radiation amplification by relativistic electron beams moving near the impedance surfaces. <i>Physics of Plasmas</i> , <b>2020</b> , 27, 113106	2.1	1
117	Planar THz FELs Based on Intense Parallel Sheet Electron Beams and Intracavity Wave Scattering. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , <b>2019</b> , 83, 140-145	0.4	1
116	Experimental Observation of Chaotic Generation at 1.5% Spectral Width in a Gyrotron under Large Supercriticality Conditions. <i>Technical Physics Letters</i> , <b>2019</b> , 45, 511-514	0.7	4

115	Frequency Conversion of High-Power Gyrotron Radiation under Conditions of Raman Backscattering on an Auxiliary Electron Beam. <i>Technical Physics Letters</i> , <b>2019</b> , 45, 134-137	0.7	1
114	Bragg Deflectors of Wave Fluxes for High-Power Relativistic Masers. <i>Technical Physics</i> , <b>2019</b> , 64, 711-719	0.5	
113	2D Bragg Resonators Based on Planar Dielectric Waveguides (from Theory to Model-Based Testing). <i>Semiconductors</i> , <b>2019</b> , 53, 1282-1286	0.7	1
112	Generation of Electromagnetic Rogue-Waves in Submillimeter-Band Gyrotrons. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2019</b> , 40, 150-157	2.2	3
111	Time-domain theory of low-Q gyrotrons with frequency-dependent reflections of output radiation. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 013104	2.1	5
110	Frequency Tunable sub-THz Gyrotron for Direct Measurements of Positronium Hyperfine Structure. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2018</b> , 39, 975-983	2.2	21
109	Generation of a Periodic Sequence of High-Power Ultrashort Pulses in a Chain of Coupled Backward-Wave and Traveling-Wave Tubes Operating in the Regimes of Amplification and Nonlinear Kompfner Suppression. <i>Technical Physics</i> , <b>2018</b> , 63, 1205-1211	0.5	2
108	Startup scenarios for an ultrashort pulse generator based on two coupled helical gyro-TWTS operating in the amplification and nonlinear absorption modes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , <b>2018</b> , 82, 53-58	0.4	1
107	Using Multichannel Laser Complexes for Incoherent Pumping of X-ray Compton Free-Electron Lasers. <i>Technical Physics Letters</i> , <b>2018</b> , 44, 605-608	0.7	1
106	Dissipative solitons in electron oscillators with a saturable absorber. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 093111	2.1	3
105	Passive mode locking and formation of dissipative solitons in electron oscillators with a bleaching absorber in the feedback loop. <i>Journal of Experimental and Theoretical Physics</i> , <b>2017</b> , 124, 41-48	1	3
104	Generation of Rogue Waves in Gyrotrons Operating in the Regime of Developed Turbulence. <i>Physical Review Letters</i> , <b>2017</b> , 119, 034801	7.4	30
103	Gyrotron generation of broadband chaotic radiation under overlapping of high- and low-frequency resonances. <i>Technical Physics</i> , <b>2017</b> , 62, 1562-1568	0.5	6
102	Chaotic millimeter-wave generation on the basis of wideband gyro-amplifiers with a helical corrugated waveguide. <i>Technical Physics Letters</i> , <b>2017</b> , 43, 162-165	0.7	1
101	Generation of high-power broadband terahertz radiation during stimulated backscattering of the pump wave by an intense relativistic electron beam. <i>Physics of Plasmas</i> , <b>2017</b> , 24, 123112	2.1	
100	Generation of periodic high-power ultrashort pulse sequences in a chain of coupled traveling-wave tubes operating in the regimes of amplification and nonlinear Kompfner suppression. <i>Technical Physics Letters</i> , <b>2017</b> , 43, 842-845	0.7	5
99	Generation of ultrashort microwave pulses in the sub-THz and THz range based on the cyclotron superradiance effect. <i>Technical Physics Letters</i> , <b>2017</b> , 43, 831-834	0.7	7
98	Powerful multichannel planar FEMs based on intense parallel sheet beams		1

97	Amplification of short-wave radiation based on the resistive instability of a relativistic electron beam (Quasi-optical theory). <i>Technical Physics</i> , <b>2017</b> , 62, 1242-1249	0.5	
96	Generation of high-power Cherenkov superradiance pulses using 2D periodic slow-wave structures based on oversized cylindrical waveguides. <i>Technical Physics Letters</i> , <b>2017</b> , 43, 756-759	0.7	1
95	Generation of Subterahertz Superradiance Pulses Based on Excitation of a Surface Wave by Relativistic Electron Bunches Moving in Oversized Corrugated Waveguides. <i>Physical Review Letters</i> , <b>2016</b> , 117, 204801	7.4	26
94	Short-wave radiation generation by strip electron beams in the surface-wave excitation mode. <i>Journal of Communications Technology and Electronics</i> , <b>2016</b> , 61, 501-509	0.5	
93	Quasi-optical theory of amplification of surface waves propagating above corrugated structures by a relativistic electron beam (impedance approximation). <i>Technical Physics</i> , <b>2016</b> , 61, 1609-1618	0.5	3
92	Frequency Locking and Stabilization Regimes in High-Power Gyrotrons with Low-Q Resonators. <i>Radiophysics and Quantum Electronics</i> , <b>2016</b> , 58, 684-693	0.7	17
91	Using Two-Dimensional Distributed Feedback for Synchronization of Radiation from Two Parallel-Sheet Electron Beams in a Free-Electron Maser. <i>Physical Review Letters</i> , <b>2016</b> , 117, 114801	7.4	32
90	Generation of a periodic sequence of powerful ultrashort pulses in a traveling wave tube with bleachable absorber in the feedback loop. <i>Technical Physics Letters</i> , <b>2015</b> , 41, 836-839	0.7	16
89	Dynamics of semiconductor lasers with two-dimensional distributed feedback. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	10
88	Two Ways for High-Power Generation of Subterahertz Radiation by Usage of Strong Relativistic Electron Beams. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2015</b> , 5, 478-485	3.4	11
87	Time-domain self-consistent theory of frequency-locking regimes in gyrotrons with low-Q resonators. <i>Physics of Plasmas</i> , <b>2015</b> , 22, 033101	2.1	36
86	Quasioptical Theory of Relativistic Čerenkov Generators and Amplifiers. <i>Radiophysics and Quantum Electronics</i> , <b>2014</b> , 56, 508-531	0.7	2
85	Generation of a spatially coherent field structure in free-electron masers with 2D distributed feedback. <i>Technical Physics</i> , <b>2014</b> , 59, 250-257	0.5	1
84	Modulation of high-intensity microwave radiation during its resonant interaction with counterflow of nonexcited cyclotron oscillators. <i>Technical Physics Letters</i> , <b>2014</b> , 40, 495-498	0.7	1
83	Mechanisms of amplification of short electromagnetic pulses in gyroresonance traveling-wave tubes. <i>Journal of Communications Technology and Electronics</i> , <b>2014</b> , 59, 798-804	0.5	
82	A traveling-wave ring resonator with Bragg deflectors in a two-stage terahertz free-electron laser. <i>Technical Physics Letters</i> , <b>2014</b> , 40, 730-734	0.7	7
81	Evanescent waves propagation along a periodically corrugated surface and their amplification by relativistic electron beam (quasi-optical theory). <i>Physics of Plasmas</i> , <b>2013</b> , 20, 063105	2.1	6
80	Quasi-optical theory of coaxial and cylindrical relativistic surface-wave oscillators. <i>Technical Physics</i> , <b>2013</b> , 58, 267-276	0.5	7

79	A spatially developed coaxial 30-GHz backward wave oscillator with radiation synchronization by a two-dimensional Bragg structure. <i>Technical Physics Letters</i> , <b>2013</b> , 39, 509-513	0.7	
78	Relativistic electron beam induced amplification of surface wave propagating over a corrugated metal surface. <i>Technical Physics Letters</i> , <b>2013</b> , 39, 294-298	0.7	1
77	Quasi-optical theory of radiation amplification by electron flow above resistive metal surface. <i>Technical Physics Letters</i> , <b>2013</b> , 39, 123-126	0.7	5
76	The quasi-optical theory of surface wave formation over structures with one- and two-dimensional periodic corrugations of a small depth. <i>Journal of Communications Technology and Electronics</i> , <b>2013</b> , 58, 487-497	0.5	2
75	3D quasioptical theory of terahertz superradiance of an extended electron bunch moving over a corrugated surface. <i>Physical Review Letters</i> , <b>2013</b> , 110, 184801	7.4	11
74	Stimulated Cherenkov radiation of a relativistic electron beam moving over a periodically corrugated surface (quasi-optical theory). <i>Journal of Experimental and Theoretical Physics</i> , <b>2013</b> , 117, 975-987	1	4
73	Generation of powerful narrow-band 75-GHz radiation in a free-electron maser with two-dimensional distributed feedback. <i>Technical Physics Letters</i> , <b>2013</b> , 39, 801-804	0.7	8
72	Oversized co-axial and cylindrical surface-wave oscillators with two-dimensional periodical grating (quasi-optical model). <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 104504	2.5	24
71	Quasi-optical theory of relativistic surface-wave oscillators with one-dimensional and two-dimensional periodic planar structures. <i>Physics of Plasmas</i> , <b>2013</b> , 20, 113104	2.1	10
70	Narrow-band terahertz Bragg reflectors based on coupling of propagating and quasi-critical waves. <i>Technical Physics</i> , <b>2012</b> , 57, 415-421	0.5	1
69	Relativistic surface-wave generators based on two-dimensional periodic structures. <i>Technical Physics Letters</i> , <b>2012</b> , 38, 188-192	0.7	4
68	Terahertz superradiance of an extended electron bunch propagating over a corrugated surface. <i>Technical Physics Letters</i> , <b>2012</b> , 38, 951-954	0.7	3
67	Nonlinear dynamics of planar gyrotrons with transverse diffraction coupling of radiation. <i>Technical Physics</i> , <b>2012</b> , 57, 1135-1142	0.5	
66	Relativistic surface-wave oscillators with 1D and 2D periodic structures. <i>Technical Physics</i> , <b>2012</b> , 57, 1692-1705	1.7	3
65	Short-wavelength tunable Bragg reflectors based on coupling of propagating and cutoff waves: Modeling and experimental studies. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 083507	3.4	6
64	Powerful surface-wave oscillators with two-dimensional periodic structures. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 143510	3.4	28
63	Submillimeter planar gyrotrons with transverse diffraction output of radiation. <i>Technical Physics Letters</i> , <b>2011</b> , 37, 79-82	0.7	4
62	Quasi-optical model of relativistic surface-wave generators for millimeter and submillimeter range. <i>Technical Physics Letters</i> , <b>2011</b> , 37, 605-609	0.7	10

61	Self-induced transparency, compression, and stopping of electromagnetic pulses interacting with beams of unexcited classical oscillators. <i>Journal of Experimental and Theoretical Physics</i> , <b>2011</b> , 113, 772-780	1	12
60	Nonlinear dynamics of free electron terahertz lasers with bragg mirrors based on coupling of traveling and quasi-critical waves. <i>Technical Physics</i> , <b>2011</b> , 56, 155-163	0.5	
59	Formation of the transverse field structure in terahertz planar free-electron lasers. <i>Technical Physics</i> , <b>2011</b> , 56, 400-405	0.5	1
58	Powerful Cherenkov oscillators with 2D distributed feedback. <i>Technical Physics</i> , <b>2011</b> , 56, 1791-1801	0.5	3
57	Experiment on pulse heating and surface degradation of a copper cavity powered by powerful 30 GHz free electron maser. <i>Physical Review Special Topics: Accelerators and Beams</i> , <b>2011</b> , 14,		24
56	Powerful terahertz free electron lasers with hybrid Bragg reflectors. <i>Physical Review Special Topics: Accelerators and Beams</i> , <b>2011</b> , 14,		9
55	Quasi-optical theory of relativistic submillimeter surface-wave oscillators. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 121505	3.4	46
54	Terahertz free-electron lasers with bragg structures based on the coupling between traveling and quasicritical waves. <i>JETP Letters</i> , <b>2010</b> , 91, 266-270	1.2	14
53	Effect of the nonlinear compression of ultrashort microwave pulses in the process of the amplification by quasistationary electron beams. <i>JETP Letters</i> , <b>2010</b> , 91, 553-557	1.2	17
52	Self-induced transparency and electromagnetic pulse compression in a plasma or an electron beam under cyclotron resonance conditions. <i>Physical Review Letters</i> , <b>2010</b> , 105, 265001	7.4	14
51	Nonlinear theory of coaxial free-electron masers with 2D distributed feedback (quasi-optical approximation). <i>Technical Physics</i> , <b>2010</b> , 55, 326-336	0.5	2
50	Collective spontaneous emission in a distributed feedback laser with an inhomogeneously broadened active medium. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , <b>2010</b> , 74, 904-907	0.4	2
49	Cherenkov masers with two-dimensional distributed feedback. <i>Technical Physics Letters</i> , <b>2010</b> , 36, 83-87	0.7	8
48	Free-electron maser with high-selectivity Bragg resonator using coupled propagating and trapped modes. <i>Technical Physics Letters</i> , <b>2010</b> , 36, 952-956	0.7	7
47	Generation of giant pulses of scattered radiation on the moving front of a pump wave <b>2010</b> , 87, 124		
46	Using two-dimensional distributed feedback for the synchronization of emission from laser active media <b>2010</b> , 34, 113		
45	Using two-dimensional Bragg structures for the synchronization of radiation in planar backward wave oscillators. <i>Technical Physics Letters</i> , <b>2009</b> , 35, 190-192	0.7	3
44	Free-electron masers based on planar Bragg waveguides. <i>Technical Physics Letters</i> , <b>2009</b> , 35, 540-544	0.7	

43	Amplification of ultrashort electromagnetic pulses propagating along quasi-continuous electron beams. <i>Technical Physics</i> , <b>2009</b> , 54, 103-109	0.5	7
42	Frequency stabilization in free-electron masers with 2D and 1D distributed feedback. <i>Technical Physics</i> , <b>2009</b> , 54, 1384-1388	0.5	1
41	Generation of giant pulses of scattered radiation on the moving front of a pump wave. <i>JETP Letters</i> , <b>2008</b> , 87, 124-127	1.2	2
40	Generation of spatially coherent radiation in free-electron masers with two-dimensional distributed feedback. <i>JETP Letters</i> , <b>2008</b> , 87, 618-622	1.2	27
39	Observation of the high-Q modes inside the resonance zone of two-dimensional Bragg structures. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 103512	3.4	11
38	Using two-dimensional distributed feedback for the synchronization of emission from laser active media. <i>Technical Physics Letters</i> , <b>2008</b> , 34, 113-117	0.7	3
37	Nonstationary 2D models of the electron-wave interaction. <i>Technical Physics</i> , <b>2008</b> , 53, 633-640	0.5	
36	Open planar Bragg waveguides for mode selection in quantum and classical amplifiers. <i>Laser Physics</i> , <b>2007</b> , 17, 665-671	1.2	1
35	Effect of dispersion on the operation of free-electron lasers driven by short electron bunches. <i>Technical Physics</i> , <b>2007</b> , 52, 141-147	0.5	
34	Experimental observation of high-Q modes at the center of a resonance band of two-dimensional Bragg structures. <i>Technical Physics Letters</i> , <b>2007</b> , 33, 117-121	0.7	1
33	Generation of Cherenkov superradiance pulses with a peak power exceeding the power of the driving short electron beam. <i>Physical Review E</i> , <b>2006</b> , 74, 016501	2.4	74
32	Mechanism of free electron maser self-excitation using coupled propagating and trapped modes. <i>Technical Physics Letters</i> , <b>2006</b> , 32, 896-900	0.7	6
31	Feasibility of using a free-electron maser with a Bragg resonator for testing high-Q resonant structures. <i>Technical Physics</i> , <b>2006</b> , 51, 887-893	0.5	2
30	Theory of a planar free-electron maser with transverse electromagnetic flux circulation in a 2D Bragg mirror. <i>Technical Physics</i> , <b>2006</b> , 51, 1618-1623	0.5	3
29	Experimental observation of superradiance in the stimulated scattering of an intense microwave pump wave by a counterpropagating subnanosecond high-current relativistic electron bunch. <i>JETP Letters</i> , <b>2005</b> , 82, 263-266	1.2	9
28	On the synthesis of radiation spectrum in a sectioned relativistic backward wave tube. <i>Technical Physics Letters</i> , <b>2003</b> , 29, 164-167	0.7	17
27	Ponderomotive effects in intense pumping wave action on electron and plasma bunches. <i>Journal of Experimental and Theoretical Physics</i> , <b>2003</b> , 96, 904-914	1	5
26	Effect of diffraction on the electrodynamic characteristics of two-dimensional coaxial Bragg resonators. <i>Technical Physics</i> , <b>2003</b> , 48, 1554-1564	0.5	3



25	The generation of superradiance pulses by high-current subnanosecond electron bunches moving in a periodic slow-wave system: Theory and experiment. <i>Technical Physics</i> , <b>2002</b> , 47, 80-87	0.5	6
24	Generation of subnanosecond microwave pulses based on the Cherenkov superradiance effect. <i>Technical Physics</i> , <b>2002</b> , 47, 335-342	0.5	1
23	Experimental studies of two-dimensional coaxial Bragg structures for a high-power free-electron maser. <i>Applied Physics Letters</i> , <b>2002</b> , 80, 1517-1519	3.4	33
22	A two-dimensional distributed feedback used for synchronization of a multibeam planar free-electron maser system. <i>Technical Physics Letters</i> , <b>2001</b> , 27, 240-244	0.7	3
21	Spatially coherent radiation from a coaxial free-electron laser with a resonator composed of one-dimensional and two-dimensional Bragg mirrors. <i>Technical Physics</i> , <b>2001</b> , 46, 1009-1013	0.5	2
20	Chaotic generation in a megawatt backward-wave tube. <i>Technical Physics</i> , <b>2001</b> , 46, 1420-1427	0.5	1
19	Theory of cyclotron superradiance from a moving electron bunch under group synchronism conditions. <i>Technical Physics</i> , <b>2000</b> , 45, 813-820	0.5	2
18	Planar two-dimensional Bragg resonators with corrugated surfaces: Theory and experiment. <i>Technical Physics Letters</i> , <b>2000</b> , 26, 348-351	0.7	3
17	Longitudinal self-focusing of an electron bunch under coherent emission conditions. <i>Technical Physics Letters</i> , <b>2000</b> , 26, 650-653	0.7	
16	Pulsed EHF superradiance due to the stimulated scattering of a high-power pump wave by a counterpropagating electron bunch. <i>Technical Physics Letters</i> , <b>2000</b> , 26, 694-697	0.7	2
15	Planar free-electron lasers with combined 1D/2D Bragg mirror resonators: A theoretical study. <i>Technical Physics Letters</i> , <b>2000</b> , 26, 701-704	0.7	4
14	Generation of powerful subnanosecond microwave pulses by intense electron bunches moving in a periodic backward wave structure in the superradiative regime. <i>Physical Review E</i> , <b>1999</b> , 60, 3297-304	2.4	79
13	Nonlinear theory of channeling of radiation by a ribbon-shaped stream of cyclotron oscillators. <i>Technical Physics</i> , <b>1999</b> , 44, 6-11	0.5	
12	Theory of group synchronism in free-electron waveguide lasers fed a sequence of short electron pulses. <i>Technical Physics</i> , <b>1999</b> , 44, 203-208	0.5	1
11	Possible emission of supermodes in a free electron laser with a transversely developed interaction space. <i>Technical Physics Letters</i> , <b>1999</b> , 25, 179-181	0.7	
10	Theory of the undulator superradiance of an electron beam pulse in the group synchronism regime. <i>Technical Physics Letters</i> , <b>1999</b> , 25, 296-299	0.7	
9	High-efficiency narrow-band free-electron maser using a Bragg cavity with a phase discontinuity in the ripples. <i>Technical Physics Letters</i> , <b>1999</b> , 25, 429-432	0.7	7
8	Possible use of two-dimensional Bragg structures in an FEL amplifier powered by a sheet electron beam. <i>Technical Physics Letters</i> , <b>1999</b> , 25, 796-799	0.7	2



7	Characteristic features of the amplification of short electromagnetic pulses during propagation along steady-state electron beams. <i>Technical Physics Letters</i> , <b>1999</b> , 25, 930-932	0.7	6
6	Generation of superradiance pulses by high-current subnanosecond electron bunches moving in a periodic slow-wave structure. <i>Technical Physics Letters</i> , <b>1998</b> , 24, 709-711	0.7	1
5	Observation of self-modulation regimes of generation in high-power backward-wave tubes. <i>Technical Physics Letters</i> , <b>1998</b> , 24, 816-818	0.7	2
4	Cyclotron superradiance of a high-current electron bunch under group synchronism conditions. <i>Russian Physics Journal</i> , <b>1996</b> , 39, 1233-1240	0.7	1
3	Experimental observation of cyclotron superradiance. <i>JETP Letters</i> , <b>1996</b> , 63, 331-335	1.2	11
2	Stimulated Coherent Emission from Short Electron Bunches in Free Space. <i>Physical Review Letters</i> , <b>1996</b> , 77, 1492-1495	7.4	17
1	Self-oscillation in uhf generators with diffraction radiation output. <i>Radiophysics and Quantum Electronics</i> , <b>1986</b> , 29, 89-97	0.7	24