

# Eduard A Sosnin

## List of Publications by Year in descending order

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167  
papers

1,689  
citations

394390

19  
h-index

361001

35  
g-index

169  
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169  
docs citations

169  
times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of Sulfamethoxazole by Double Cylindrical Dielectric Barrier Discharge System combined with Ti /C-N-TiO <sub>2</sub> supported Nanocatalyst. <i>Journal of Hazardous Materials Advances</i> , 2022, 5, 100051.	3.0	3
2	Removal of Pharmaceutical Residues from Water and Wastewater Using Dielectric Barrier Discharge Methods—A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1683.	2.6	45
3	Modeling of transient luminous events in Earth's middle atmosphere with apokamp discharge. <i>Physics-Uspokhi</i> , 2021, 64, 191-210.	2.2	10
4	Effect of Nanosecond Repetitively Pulsed X-Ray Radiation on the Sowing Quality of Seeds and the Productivity of Wheat. <i>High Energy Chemistry</i> , 2021, 55, 324-328.	0.9	2
5	A critical review on ozone and co-species, generation and reaction mechanisms in plasma induced by dielectric barrier discharge technologies for wastewater remediation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105758.	6.7	50
6	Energy Release in a Thundercloud Necessary for the Formation of Middle Atmosphere Transient Light Phenomena. <i>Atmospheric and Oceanic Optics</i> , 2021, 34, 722-725.	1.3	3
7	A new data on priming of plant seeds by UVB radiation. , 2021, , .		1
8	Whether and how the vapors of Al, Cu, Fe, and W influence the dynamics of apokamps. <i>Journal of Physics: Conference Series</i> , 2020, 1499, 012051.	0.4	1
9	Barrier Discharge Excilamps with a Small-Diameter Exit Window and Their Application. <i>Instruments and Experimental Techniques</i> , 2020, 63, 607-610.	0.5	0
10	Laboratory Simulation of the Effect of Volcanic Material on the Formation of Transient Phenomena Near the Boundary between the Middle and Lower Atmosphere. <i>Atmospheric and Oceanic Optics</i> , 2020, 33, 419-423.	1.3	1
11	Experimental modelling of apokamp discharge formation under outer electric field. <i>Journal of Physics: Conference Series</i> , 2020, 1499, 012016.	0.4	0
12	A New Models of Barrier Discharge Excilamps for Liquid Penetrant Inspection. , 2020, , .		0
13	Fungicidal Effect of Apokampic Discharge Plasma Jet on Wheat Seeds Infected with <i>Alternaria Sp.</i> and <i>Bipolaris Sorokiniana Shoemaker.</i> , 2020, , .		1
14	Pre-Sowing Stimulation of Wheat with UV-B Radiation of XeCl-Excilamp. , 2020, , .		1
15	Observation of Streamer Coronas Preceding the Formation of an Apokampic Discharge. <i>Russian Physics Journal</i> , 2019, 62, 992-995.	0.4	2
16	The Initial Stage of Diffuse Jet Formation in a Pulsed Discharge with a Non-Uniform Electric Field in Air. <i>Atmospheric and Oceanic Optics</i> , 2019, 32, 607-611.	1.3	0
17	Role of Streamers in the Formation of a Corona Discharge in a Highly Nonuniform Electric Field. <i>JETP Letters</i> , 2019, 110, 85-89.	1.4	12
18	On Pulsed Modes of the Glowing Corona Region. <i>Russian Physics Journal</i> , 2019, 62, 893-899.	0.4	5

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19	Apokampic Discharge: Formation Conditions and Mechanisms. Russian Physics Journal, 2019, 62, 1289-1297.	0.4	6
20	Laboratory Simulation of Blue Jets with Apokampic Discharge in the Hz Frequency Range. Atmospheric and Oceanic Optics, 2019, 32, 710-715.	1.3	4
21	Fluorescent Penetrant Testing by Means of Excilamps. Materials Science Forum, 2019, 942, 131-140.	0.3	2
22	Apokamp discharge as a laboratory analogue of the transient luminous events of middle atmosphere. , 2019, , .		0
23	A Planar Source of Atmospheric-Pressure Plasma Jet. Plasma Physics Reports, 2018, 44, 153-156.	0.9	3
24	Production of nitrogen oxides in air pulse-periodic discharge with apokamp. Journal Physics D: Applied Physics, 2018, 51, 204005.	2.8	5
25	The Influence of Frequency and Voltage to Apokamp Discharge Dynamics at Moderate Pressures. , 2018, , .		1
26	Radiation Intensity Profiles at Different Stages of the Formation of Apokamp Discharge. High Temperature, 2018, 56, 837-842.	1.0	6
27	The Influence of Molecular Gas on the Apokamp Discharge Formation. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2018, 125, 324-330.	0.6	6
28	Characteristics of a Pulse-Periodic Corona Discharge in Atmospheric Air. Plasma Physics Reports, 2018, 44, 520-532.	0.9	15
29	On the Question of the Source of the Apokamp. Technical Physics, 2018, 63, 924-927.	0.7	3
30	The Field Strength Necessary for the Formation of Blue Jets in the Middle Atmosphere. Atmospheric and Oceanic Optics, 2018, 31, 397-399.	1.3	2
31	Apokamps produced by repetitive discharges in air. Physics of Plasmas, 2018, 25, 083513.	1.9	14
32	Inactivation of <i>Shewanella putrefaciens</i> by Plasma Activated Water. Plasma Chemistry and Plasma Processing, 2018, 38, 1035-1050.	2.4	57
33	Presowing XeCl excilamp irradiation of crops: field research and prospects. , 2018, , .		3
34	NO <sub>x</sub> formation in apokamp-type atmospheric pressure plasma jets in air initiated by a pulse-repetitive discharge. , 2018, , .		0
35	Dynamics of apokamp-type atmospheric pressure plasma jets. European Physical Journal D, 2017, 71, 1.	1.3	23
36	Dynamics of apokamp-type atmospheric pressure plasma jets initiated in air by a repetitive pulsed discharge. Physics of Plasmas, 2017, 24, .	1.9	19

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37	UV excilamp inactivation of helminth eggs in wastewater. Journal of Physics: Conference Series, 2017, 830, 012154.	0.4	1
38	Emission properties of apokamp discharge at atmospheric pressure in air, argon, and helium. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 122, 168-174.	0.6	13
39	Ministarters and mini blue jets in air and nitrogen at a pulse-periodic discharge in a laboratory experiment. JETP Letters, 2017, 105, 641-645.	1.4	12
40	Formation of Nitrogen Oxides in an Apokamp-Type Plasma Source. Russian Physics Journal, 2017, 60, 701-705.	0.4	5
41	Numerical and experimental study on atmospheric pressure ionization waves propagating through a U-shape channel. Journal Physics D: Applied Physics, 2017, 50, 345201.	2.8	18
42	Efficient UV and VUV Radiation Sources – Excilamps and Photoreactors on Their Basis. Russian Physics Journal, 2017, 60, 1298-1302.	0.4	4
43	On the physical nature of apokampic discharge. Journal of Experimental and Theoretical Physics, 2017, 125, 920-925.	0.9	16
44	Laboratory demonstration in the air red and blue mini-jets. Journal of Physics: Conference Series, 2017, 927, 012062.	0.4	2
45	Excilamps and their Applications. Chemical Engineering and Technology, 2016, 39, 39-50.	1.5	15
46	Formation of an Apokampic Discharge Under Atmospheric Pressure Conditions. Russian Physics Journal, 2016, 59, 707-711.	0.4	23
47	Phenomenon of apokamp discharge. JETP Letters, 2016, 103, 761-764.	1.4	28
48	Computational Investigation of the Influence of Gravitational Convection on the Gaseous Mixture Parameters of the Barrier Discharge XeCl Excilamp. Journal of Engineering Physics and Thermophysics, 2016, 89, 942-949.	0.6	1
49	Determining the energy balance in barrier-discharge Xe <sub>2</sub> excilamp by the pressure jump method. Technical Physics, 2016, 61, 1209-1213.	0.7	0
50	Dynamics and Structure of Nonthermal Atmospheric-Pressure Air Plasma Jets: Experiment and Simulation. IEEE Transactions on Plasma Science, 2016, 44, 3249-3253.	1.3	11
51	Source of an atmospheric-pressure plasma jet formed in air or nitrogen under barrier discharge excitation. Technical Physics, 2016, 61, 789-792.	0.7	15
52	The inactivation of helminth eggs with the narrow-bandwidth radiation of excimer lamps. Russian Journal of Parasitology, 2016, 3, 107-113.	0.3	1
53	KrCl barrier-discharge excilamps: Energy characteristics and applications (Review). Instruments and Experimental Techniques, 2015, 58, 309-318.	0.5	27
54	Dielectric barrier discharge KrCl- and XeCl-excilamps radiation power control by pressure jump method. Proceedings of SPIE, 2015, , .	0.8	0

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55	Application of excilamps in agriculture and animal breeding (review). Proceedings of SPIE, 2015, , .	0.8	4
56	The inactivation of eggs of helminthes under the action of narrowband ultraviolet radiation of excilamps. Proceedings of SPIE, 2015, , .	0.8	0
57	Numerical simulation and experimental study of thermal and gas-dynamic processes in barrier-discharge coaxial excilamps. High Temperature, 2015, 53, 558-563.	1.0	2
58	A new DBD-driven atmospheric pressure plasma jet source on air or nitrogen. , 2015, , .		2
59	Influence of convection on the energy characteristics of XeCl excilamps. European Physical Journal D, 2015, 69, 1.	1.3	5
60	Pyoverdine as a fluorescent marker of antibiotic sensitivity of Pseudomonas Aeruginosa. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 1018-1024.	0.6	1
61	New marker for determining the degree of inhomogeneity of capacitive and barrier discharges. Technical Physics, 2014, 59, 1801-1804.	0.7	3
62	X-ray emission during the combustion of condensed systems with solid-phase reaction products. Doklady Physical Chemistry, 2014, 454, 5-7.	0.9	0
63	Thermodynamic Approach to Determination of the Degree of Inhomogeneity of a Capacitive Discharge. Russian Physics Journal, 2014, 56, 1258-1261.	0.4	2
64	Xel barrier discharge excilamp. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (S	0.6	30
65	Influence of the chlorine concentration on the radiation efficiency of a XeCl exciplex lamp. Plasma Physics Reports, 2013, 39, 768-778.	0.9	38
66	Theoretical and experimental study of the acoustic spectrum of a DBD-driven planar KrCl excilamp. European Physical Journal D, 2013, 67, 1.	1.3	1
67	Barrier-discharge excilamps: history, operating principle, prospectsâˆ—âˆ—To the radiant memory of Galina Arkadâ€™evna Volkova (1935â€™2011). Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2012, 79, 653.	0.4	4
68	Areas in which vacuum ultraviolet excilamps are used (Review). Journal of Optical Technology (A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.4	3
69	Studying the thermodynamic processes in excilamps by the pressure jump method (Review). Instruments and Experimental Techniques, 2012, 55, 513-521.	0.5	6
70	High-power module based on inert gasâ€™halogen mixtures for UV irradiation. Journal of Applied Spectroscopy, 2012, 79, 334-336.	0.7	2
71	Excilamps and their applications. Progress in Quantum Electronics, 2012, 36, 51-97.	7.0	43
72	Acoustic characteristics of a barrier-discharge XeCl excilamp. Technical Physics, 2012, 57, 981-987.	0.7	3

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73	UV and VUV Excilamps with High Peak Power. <i>Journal of Light and Visual Environment</i> , 2011, 35, 227-233.	0.2	6
74	Application of excilamps in a flow reactor for recovery of stable toxic compounds. <i>Instruments and Experimental Techniques</i> , 2011, 54, 841-845.	0.5	2
75	Optical characteristics of cylindrical exciplex and excimer lamps excited by microwave radiation. <i>Technical Physics</i> , 2011, 56, 526-530.	0.7	10
76	The radiative and thermodynamic processes in DBD driven XeBr and KrBr exciplex lamps. <i>European Physical Journal D</i> , 2011, 62, 405-411.	1.3	13
77	The use of modern UV radiation sources for the utilization of persistent toxic substances. <i>Atmospheric and Oceanic Optics</i> , 2010, 23, 55-59.	1.3	4
78	Radiation of nitrogen molecules in a dielectric barrier discharge with small additives of chlorine and bromine. <i>Plasma Physics Reports</i> , 2010, 36, 719-728.	0.9	5
79	Dynamic pressure jump in barrier-discharge excilamps. <i>Technical Physics</i> , 2010, 55, 807-811.	0.7	5
80	Optical emission spectrum in combustion with formation of condensed reaction products. <i>Combustion, Explosion and Shock Waves</i> , 2010, 46, 117-120.	0.8	4
81	Energy and Spectral Characteristics of Radiation during Filtration Combustion of Natural Gas. <i>Combustion, Explosion and Shock Waves</i> , 2010, 46, 523-527.	0.8	13
82	Compact dielectric barrier discharge excilamps. <i>Physica Scripta</i> , 2010, 82, 045403.	2.5	14
83	Factors that limit the service life of sealed chlorine-containing barrier-discharge exciplex lamps. <i>Journal of Optical Technology (A Translation of Opticheskii Zhurnal)</i> , 2010, 77, 42.	0.4	10
84	High power VUV and UV excilamps. , 2009, , .		2
85	Optical characteristics of radiation from N <sub>2</sub> <sup>+</sup> dimers in a barrier discharge. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2009, 106, 10-16.	0.6	4
86	Lamps as a new instrument of fluorescent spectroscopy. <i>Atmospheric and Oceanic Optics</i> , 2009, 22, 556-559.	1.3	0
87	Application of a KrCl-excimer lamp (222 nm) for identification of natural and synthetic diamonds. , 2009, , .		0
88	High Power UV and VUV Excilamps and Their Applications. <i>Acta Physica Polonica A</i> , 2009, 116, 576-578.	0.5	2
89	X-ray radiation in self-propagating high-temperature synthesis processes. <i>Combustion, Explosion and Shock Waves</i> , 2008, 44, 729-731.	0.8	4
90	Two-band emission source based on a three-barrier KrCl-XeBr excimer lamp. <i>Technical Physics Letters</i> , 2008, 34, 725-727.	0.7	3

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91	Degradation of chlorophenols in aqueous media using UV XeBr excilamp in a flow-through reactor. <i>Chemosphere</i> , 2008, 70, 1124-1127.	8.2	30
92	Spectral and energy parameters of multiband barrier-discharge KrBr excilamps. <i>Quantum Electronics</i> , 2008, 38, 702-706.	1.0	8
93	Emission of Cl <sub>2</sub> * molecules in a barrier discharge. <i>Quantum Electronics</i> , 2008, 38, 791-793.	1.0	4
94	Comparative study of UV radiation action of XeBr-excilamp and conventional low-pressure mercury lamp on bacteria. , 2007, , .		7
95	Emission of I <sub>2</sub> * molecules in a barrier discharge. <i>Quantum Electronics</i> , 2007, 37, 107-110.	1.0	7
96	A new method of chlorophenols decomposition based on UV-irradiation by XeBr-excilamp and their subsequent biodegradation. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
97	Optical characteristics of plasma of I <sub>2</sub> , Cl <sub>2</sub> , Br <sub>2</sub> halogen dimer barrier-discharge excilamps. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2007, 103, 526-532.	0.6	9
98	Investigation of the conditions of efficient I <sub>2</sub> (342 nm) luminescence in a barrier discharge in a Kr-I <sub>2</sub> mixture. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2007, 103, 910-919.	0.6	8
99	Optimal length of capacitive-discharge and glow-discharge excilamps. <i>Laser Physics</i> , 2007, 17, 798-806.	1.2	4
100	Barrier-discharge excilamp on a mixture of krypton and molecular bromine and chlorine. <i>Laser Physics</i> , 2007, 17, 1119-1123.	1.2	15
101	UV Excimer Lamp Irradiation of Fibroblasts: The Influence on Antioxidant Homeostasis. <i>IEEE Transactions on Plasma Science</i> , 2006, 34, 1359-1364.	1.3	11
102	VUV and UV excilamps and their applications. , 2006, , .		1
103	<title>A comparative study of atmospheric plasma and narrowband UV radiation effect on bacteria</title>. , 2006, , .		0
104	<title>Photochemical transformation of methylphenols under different excitation</title>. , 2006, , .		0
105	<title>The first narrow-band XeCl-excilamp application for complex psoriasis curing</title>. , 2006, , .		3
106	An electrochemical methanol actinometer and its application to measurements of the intensity of vacuum UV radiation of a Xe 2* excilamp. <i>Instruments and Experimental Techniques</i> , 2006, 49, 101-105.	0.5	2
107	Capacitive and barrier discharge excilamps and their applications (Review). <i>Instruments and Experimental Techniques</i> , 2006, 49, 595-616.	0.5	56
108	Applications of capacitive and barrier discharge excilamps in photoscience. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2006, 7, 145-163.	11.6	185

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109	Generation of nanosecond pulses in a barrier-discharge XeBr excimer lamp. Technical Physics, 2006, 51, 878-881.	0.7	5
110	Methanol photomineralization in a Xe <sub>2</sub> photoreactor ( $\lambda = 172$ nm) with aeration of a solution. Russian Physics Journal, 2006, 49, 1145-1148.	0.4	3
111	Photoconversion of 2-methylphenol, 4-methylphenol, and 2-amino-4-methylphenol in water. Journal of Applied Spectroscopy, 2006, 73, 632-639.	0.7	9
112	An ultraviolet barrier-discharge OH molecular lamp. Quantum Electronics, 2006, 36, 981-983.	1.0	13
113	UV and VUV light sources on R <sub>2</sub> * and RX* molecules. , 2005, , .		0
114	A Bactericidal Barrier-Discharge KrBr Excilamp. Instruments and Experimental Techniques, 2005, 48, 663-666.	0.5	25
115	Capacitive discharge exciplex lamps. Journal Physics D: Applied Physics, 2005, 38, 3194-3201.	2.8	20
116	<title>New bactericidal UV light sources: excilamps</title>. , 2004, , .		11
117	Bactericidal iodine lamp excited by capacitive discharge. Technical Physics Letters, 2004, 30, 615-617.	0.7	4
118	The Effects of UV Irradiation and Gas Plasma Treatment on Living Mammalian Cells and Bacteria: A Comparative Approach. IEEE Transactions on Plasma Science, 2004, 32, 1544-1550.	1.3	121
119	<title>Biological objects pretreatment optimization using XeBr excilamps for mercury concentration control by ASVA method</title>. , 2004, , .		6
120	<title>Study of cresol phototransformations in neutral and acidic medium</title>. , 2004, , .		0
121	<title>Fluorescence investigations of cresol photolysis</title>. , 2004, 5743, 234.		0
122	<title>Study of photocatalytic effect of narrow band irradiation at 206 and 282 nm on oil in aqueous solution using TiO <sub>2</sub> </title>. , 2004, , .		0
123	<title>Small-sized KrCl, XeCl, and XeBr excilamps</title>. , 2004, , .		0
124	Miniature KrCl and XeBr Excimer Lamps. Journal of Applied Spectroscopy, 2003, 70, 807-810.	0.7	1
125	Title is missing!. Instruments and Experimental Techniques, 2003, 46, 73-76.	0.5	9
126	Excilamps: efficient sources of spontaneous UV and VUV radiation. Physics-Uspexhi, 2003, 46, 193-209.	2.2	111

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127	Comparative analysis of the laser and lamp radiation absorption by the aqueous media with phenols. , 2003, , .		0
128	Photolysis of water phenol solutions under UV excitation by KrCl laser and KrCl excilamp. , 2002, , .		1
129	Excilamp application in the chemical sample pretreatment process. , 2002, , .		5
130	Improvement of photodecomposition methods of phenol containing exotoxins in aqueous media. , 2002, 4747, 240.		1
131	Study of the service characteristics of a capacitive-discharge excilamp. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2002, 69, 509.	0.4	7
132	Phototransformations of Phenols in Aqueous Solutions under Different Excitation Modes. High Energy Chemistry, 2002, 36, 272-275.	0.9	6
133	Capacitive Discharge Excilamps. Instruments and Experimental Techniques, 2002, 45, 838-839.	0.5	5
134	Capacitive-discharge KrCl excilamps with short radiation pulsewidth. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2001, 68, 785.	0.4	1
135	Stabilization and effective generation laser on SF 6 -H 2 mixture. , 2001, , .		0
136	<title>Capacitive discharge excilamps with short duration of radiation pulse</title>. , 2001, 4274, 484.		1
137	A 1-kW/cm2 flash KrCl excimer lamp. Technical Physics, 2001, 46, 1341-1344.	0.7	4
138	Capacitive discharge excilamps. , 2000, 3933, 425.		4
139	High-power spontaneous ultraviolet sources. Russian Physics Journal, 2000, 43, 405-408.	0.4	0
140	Efficiency of an H2â€”SF6 laser with electron-beam initiation of chemical reactions. Quantum Electronics, 2000, 30, 486-488.	1.0	10
141	Efficiency of e-beam and electric discharge-pumped SF 6 -H 2 laser. , 2000, , .		0
142	Improvement of output parameters of glow discharge UV excilamps. Optics Communications, 1999, 161, 249-252.	2.1	16
143	Efficiency of an electron-beam-pumped chemical laser with an SF6-H2 working mixture. Technical Physics, 1999, 44, 69-73.	0.7	1
144	Sealed efficient excilamps excited by a capacitive discharge. Technical Physics Letters, 1999, 25, 858-859.	0.7	5

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145	UV and VUV excilamps excited by glow, barrier and capacitive discharges. Applied Physics A: Materials Science and Processing, 1999, 69, S327-S329.	2.3	19
146	Glow discharge in low-pressure excilamps. Russian Physics Journal, 1999, 42, 557-573.	0.4	12
147	<title>Reliability and lifetime of UV excilamps pumped by glow, barrier, and capacitive discharges</title>. , 1999, 3618, 425.		2
148	<title>Radiant energy distribution over the output beam cross-section for wide-aperture lasers excited with a radially convergent electron beam</title>. , 1999, 3686, 56.		0
149	Cylindrical glow-discharge-pumped excimer lamps. Technical Physics, 1998, 43, 192-196.	0.7	0
150	<title>UV and VUV efficient excilamps</title>. , 1998, , .		3
151	Efficient nonchain chemical HF lasers initiated by e-beam and self-sustained discharge. , 1998, , .		0
152	Glow-and-barrier-discharge efficient excilamps. , 1998, , .		2
153	<title>Ultraviolet and infrared lasers with high efficiency</title>. , 1998, 3343, 715.		4
154	Laser based on an SF6â€” H2mixture pumped by a radially converging electron beam. Quantum Electronics, 1997, 27, 761-765.	1.0	0
155	Excilamp producing up to 130 W of output power and possibility of its applications. Laser and Particle Beams, 1997, 15, 339-345.	1.0	15
156	<title>Coaxial, cylindrical, and planar UV excilamps pumped by glow or barrier discharge</title>. , 1997, 2992, 24.		2
157	Ultraviolet KrCl excilamps pumped by a pulsed longitudinal discharge. Technical Physics, 1997, 42, 68-71.	0.7	3
158	A planar XeCl-exilamp pumped by a low-pressure glow discharge. Technical Physics, 1997, 42, 1411-1413.	0.7	2
159	High-power HF laser pumped by an electron-beam-initiated chemical nonchain reaction. Technical Physics Letters, 1997, 23, 193-195.	0.7	1
160	Characteristics of an exciplex KrCl lamp pumped by a volume discharge. Quantum Electronics, 1996, 26, 336-340.	1.0	9
161	High-power coherent and incoherent UV and VUV sources. , 1996, , .		0
162	High-average-power exciplex flashlamps. , 1995, , .		1

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163	Coaxial excimer lamps pumped by barrier and longitudinal discharges. Quantum Electronics, 1995, 25, 494-497.	1.0	9
164	Pulsed chemical electric-discharge SF <sub>6</sub> -H <sub>2</sub> laser. Quantum Electronics, 1994, 24, 1064-1066.	1.0	7
165	Comparative study of interference elimination in heavy metals control by Anodic Stripping Voltammetry (ASV) method. , 0, , .		1
166	Novel electrochemical ferroxalate actinometer for excilamp intensity measurement. , 0, , .		0
167	Novel electrochemical formaldehyde actinometer for Xe/ <sub>2</sub> -excimer lamp intensity control. , 0, , .		0