

Yue Ying Lau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12954/publications.pdf>

Version: 2024-02-01

191
papers

4,058
citations

136950

32
h-index

138484

58
g-index

194
all docs

194
docs citations

194
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Multipactor discharge on metals and dielectrics: Historical review and recent theories. <i>Physics of Plasmas</i> , 1998, 5, 2120-2126.	1.9	292
2	Simple Theory for the Two-Dimensional Child-Langmuir Law. <i>Physical Review Letters</i> , 2001, 87, 278301.	7.8	196
3	Two-Dimensional Child-Langmuir Law. <i>Physical Review Letters</i> , 1996, 77, 4668-4670.	7.8	173
4	100 years of the physics of diodes. <i>Applied Physics Reviews</i> , 2017, 4, 011304.	11.3	168
5	Nonlinear Thomson scattering: A tutorial. <i>Physics of Plasmas</i> , 2003, 10, 2155-2162.	1.9	130
6	Externally modulated intense relativistic electron beams. <i>Journal of Applied Physics</i> , 1988, 64, 3353-3379.	2.5	123
7	Microwave absorption on a thin film. <i>Applied Physics Letters</i> , 2003, 82, 1353-1355.	3.3	113
8	Effects of pulse-length and emitter area on virtual cathode formation in electron guns. <i>Physics of Plasmas</i> , 2002, 9, 2377-2382.	1.9	107
9	High-Current Linear Transformer Driver Development at Sandia National Laboratories. <i>IEEE Transactions on Plasma Science</i> , 2010, 38, 704-713.	1.3	98
10	Theory of a low magnetic field gyrotron (gyromagnetron). <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1982, 3, 619-644.	0.6	96
11	Interaction of Multipactor Discharge and rf Circuit. <i>Physical Review Letters</i> , 1995, 75, 1218-1221.	7.8	93
12	Effects of an external magnetic field, and of oblique radio-frequency electric fields on multipactor discharge on a dielectric. <i>Physics of Plasmas</i> , 2000, 7, 750-757.	1.9	92
13	Impact of Random Fabrication Errors on Fundamental Forward-Wave Small-Signal Gain and Bandwidth in Traveling-Wave Tubes With Finite-Space-Charge Electron Beams. <i>IEEE Transactions on Electron Devices</i> , 2013, 60, 1221-1227.	3.0	74
14	Effects of cathode surface roughness on the quality of electron beams. <i>Journal of Applied Physics</i> , 1987, 61, 36-44.	2.5	68
15	Multipactor susceptibility on a dielectric with a bias dc electric field and a background gas. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	65
16	Ultrafast strong-field photoelectron emission from biased metal surfaces: exact solution to time-dependent Schrödinger Equation. <i>Scientific Reports</i> , 2016, 6, 19894.	3.3	62
17	Transition to turbulence in a crossed-field gap. <i>Physics of Plasmas</i> , 1994, 1, 3725-3727.	1.9	59
18	Low-noise microwave magnetrons by azimuthally varying axial magnetic field. <i>Applied Physics Letters</i> , 2003, 83, 1938-1940.	3.3	59

#	ARTICLE	IF	CITATIONS
19	A Primer on Pulsed Power and Linear Transformer Drivers for High Energy Density Physics Applications. IEEE Transactions on Plasma Science, 2018, 46, 3928-3967.	1.3	57
20	Anisotropy and feedthrough in magneto-Rayleigh-Taylor instability. Physical Review E, 2011, 83, 066405.	2.1	53
21	A review of the ac space-charge effect in electron-circuit interactions. Physics of Fluids B, 1992, 4, 3473-3497.	1.7	50
22	A novel phase focusing mechanism in multipactor discharge. Physics of Plasmas, 1996, 3, 1481-1483.	1.9	48
23	Schottky's conjecture on multiplication of field enhancement factors. Journal of Applied Physics, 2009, 106, 104903.	2.5	47
24	A simple physical derivation of Child's Langmuir space-charge-limited emission using vacuum capacitance. American Journal of Physics, 2005, 73, 160-163.	0.7	44
25	Electric field distribution and current emission in a miniaturized geometrical diode. Journal of Applied Physics, 2017, 121, .	2.5	43
26	On the Spreading Resistance of Thin-Film Contacts. IEEE Transactions on Electron Devices, 2012, 59, 1936-1940.	3.0	42
27	One-Dimensional Modulational Instability in a Crossed-Field Gap. Physical Review Letters, 1996, 76, 3324-3327.	7.8	41
28	Simulation of rapid startup in microwave magnetrons with azimuthally varying axial magnetic fields. Applied Physics Letters, 2004, 84, 1016-1018.	3.3	41
29	Resistive destabilization of cycloidal electron flow and universality of (near-) Brillouin flow in a crossed-field gap. Physics of Plasmas, 1996, 3, 4455-4462.	1.9	38
30	A simulation study of beam loading on a cavity. IEEE Transactions on Plasma Science, 2002, 30, 1160-1168.	1.3	38
31	Ultrafast and nanoscale diodes. Journal of Plasma Physics, 2016, 82, .	2.1	37
32	The effects of multipactor on the quality of a complex signal propagating in a transmission line. Physics of Plasmas, 2019, 26, .	1.9	37
33	Effects of a series resistor on electron emission from a field emitter. Applied Physics Letters, 1996, 69, 2770-2772.	3.3	33
34	Effects of magnetic shear on magneto-Rayleigh-Taylor instability. Physics of Plasmas, 2012, 19, .	1.9	33
35	Temperature Comparison of Looped and Vertical Carbon Nanotube Fibers during Field Emission. Applied Sciences (Switzerland), 2018, 8, 1175.	2.5	33
36	Electron beam ablation of materials. Journal of Applied Physics, 1999, 86, 7129-7138.	2.5	32

#	ARTICLE	IF	CITATIONS
37	MAIZE: a 1 MA LTD-Driven Z-Pinch at The University of Michigan. , 2009, , .		32
38	A re-examination of the Bunemanâ€“Hartree condition in a cylindrical smooth-bore relativistic magnetron. Physics of Plasmas, 2010, 17, 033102.	1.9	32
39	Evolution of sausage and helical modes in magnetized thin-foil cylindrical liners driven by a Z-pinch. Physics of Plasmas, 2018, 25, 056307.	1.9	32
40	Effect of Nonuniform Emission on Miram Curves. IEEE Transactions on Plasma Science, 2020, 48, 146-155.	1.3	32
41	Phase dependence of Thomson scattering in an ultraintense laser field. Physics of Plasmas, 2002, 9, 4325-4329.	1.9	31
42	Absolute Instability near the Band Edge of Traveling-Wave Amplifiers. Physical Review Letters, 2015, 115, 124801.	7.8	31
43	Low-Noise Microwave Oven Magnetrons With Fast Start-Oscillation by Azimuthally Varying Axial Magnetic Fields. IEEE Transactions on Plasma Science, 2004, 32, 1152-1159.	1.3	30
44	Magneto-Rayleigh-Taylor experiments on a MegaAmpere linear transformer driver. Physics of Plasmas, 2012, 19, 032701.	1.9	30
45	Discrete helical modes in imploding and exploding cylindrical, magnetized liners. Physics of Plasmas, 2016, 23, .	1.9	30
46	Steady state multipactor and dependence on material properties. Physics of Plasmas, 1997, 4, 863-872.	1.9	29
47	Recirculating-Planar-Magnetron Simulations and Experiment. IEEE Transactions on Plasma Science, 2013, 41, 639-645.	1.3	28
48	Magnetic Priming at the Cathode of a Relativistic Magnetron. IEEE Transactions on Plasma Science, 2008, 36, 710-717.	1.3	27
49	Effect of Random Circuit Fabrication Errors on Small-Signal Gain and Phase in Traveling-Wave Tubes. IEEE Transactions on Electron Devices, 2008, 55, 916-924.	3.0	26
50	Multipactor experiment on a dielectric surface. Review of Scientific Instruments, 2001, 72, 3095-3099.	1.3	25
51	Seeded and unseeded helical modes in magnetized, non-imploding cylindrical liner-plasmas. Physics of Plasmas, 2016, 23, .	1.9	24
52	CST Particle Studio Simulations of Coaxial Multipactor and Comparison With Experiments. IEEE Transactions on Plasma Science, 2020, 48, 1942-1949.	1.3	24
53	Role of Ions in a Crossed-Field Diode. Physical Review Letters, 2007, 98, 015002.	7.8	23
54	An exact field solution of contact resistance and comparison with the transmission line model. Applied Physics Letters, 2014, 104, .	3.3	23

#	ARTICLE	IF	CITATIONS
55	Collapse of cycloidal electron flows induced by misalignments in a magnetically insulated diode. <i>Physics of Plasmas</i> , 1998, 5, 2447-2453.	1.9	22
56	Some design considerations on using modulated intense annular electron beams for particle acceleration. <i>Journal of Applied Physics</i> , 1987, 62, 351-356.	2.5	20
57	Analysis of Anode Current From a Thermionic Cathode With a 2-D Work Function Distribution. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 749-755.	1.3	20
58	Experimental validation of a higher dimensional theory of electrical contact resistance. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	18
59	Negative, positive, and infinite mass properties of a rotating electron beam. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	18
60	Passive mode control in the recirculating planar magnetron. <i>Physics of Plasmas</i> , 2013, 20, 033108.	1.9	18
61	Explicit Brillouin Flow Solutions in Magnetrons, Magnetically Insulated Line Oscillators, and Radial Magnetically Insulated Transmission Lines. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 3418-3437.	1.3	18
62	Harmonic Content in the Beam Current in a Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2015, 62, 4285-4292.	3.0	17
63	Modulation of an intense beam by an external microwave source: Theory and simulation. <i>Applied Physics Letters</i> , 1988, 52, 431-433.	3.3	16
64	Effects of frequency spreads on beam breakup instabilities in linear accelerators. <i>Applied Physics Letters</i> , 1989, 55, 27-29.	3.3	16
65	Limiting current in a relativistic diode under the condition of magnetic insulation. <i>Physics of Plasmas</i> , 2003, 10, 4489-4493.	1.9	16
66	Analysis of peer-to-peer locking of magnetrons. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	16
67	Effects of Multiple Internal Reflections on the Small-Signal Gain and Phase of a TWT. <i>IEEE Transactions on Electron Devices</i> , 2012, 59, 1542-1550.	3.0	16
68	Constriction Resistance and Current Crowding in Vertical Thin Film Contact. <i>IEEE Journal of the Electron Devices Society</i> , 2013, 1, 83-90.	2.1	16
69	Effects of frequency chirp on magnetron injection locking. <i>Physics of Plasmas</i> , 2008, 15, 073110.	1.9	15
70	Multi-frequency recirculating planar magnetrons. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	15
71	On the evaluation of Pierce parameters C and Q in a traveling wave tube. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	15
72	Microwave Power and Phase Measurements on a Recirculating Planar Magnetron. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 1675-1682.	1.3	14

#	ARTICLE	IF	CITATIONS
73	The electro-thermal stability of tantalum relative to aluminum and titanium in cylindrical liner ablation experiments at 550 kA. <i>Physics of Plasmas</i> , 2018, 25, 032701.	1.9	14
74	The Electrothermal Instability on Pulsed Power Ablations of Thin Foils. <i>IEEE Transactions on Plasma Science</i> , 2018, 46, 3753-3765.	1.3	14
75	HFSS and CST Simulations of a GW-Class MILO. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 1894-1901.	1.3	14
76	An evaluation of the intrinsic emittance of a field emitter. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1996, 14, 2126.	1.6	13
77	Absolute instability in a traveling wave tube model. <i>Physics of Plasmas</i> , 1998, 5, 4408-4410.	1.9	12
78	Extraction of ions from the matrix sheath in ablation-plasma ion implantation. <i>Applied Physics Letters</i> , 2001, 78, 706-708.	3.3	12
79	Enhancement of cancer chemotherapy in vitro by intense ultrawideband electric field pulses. <i>Journal of Applied Physics</i> , 2006, 99, 094701.	2.5	12
80	Technique for fabrication of ultrathin foils in cylindrical geometry for liner-plasma implosion experiments with sub-megaampere currents. <i>Review of Scientific Instruments</i> , 2015, 86, 113506.	1.3	12
81	Beam breakup instabilities in linear accelerators: Transition, phase mixing, and nonlinear focusing. <i>Applied Physics Letters</i> , 1988, 53, 2602-2604.	3.3	11
82	Power Absorption by Thin Films on Microwave Windows. <i>IEEE Transactions on Plasma Science</i> , 2004, 32, 1292-1297.	1.3	11
83	Effects of Random Circuit Fabrication Errors on the Mean and Standard Deviation of Small Signal Gain and Phase of a Traveling Wave Tube. <i>IEEE Journal of the Electron Devices Society</i> , 2013, 1, 117-128.	2.1	11
84	Stability of Brillouin flow in the presence of slow-wave structure. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	11
85	Theory, simulation, and experiments on a magnetically insulated line oscillator (MILO) at 10 kA, 240 kV near Hull cutoff condition. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	11
86	Conductive versus capacitive coupling for cell electroporation with nanosecond pulses. <i>Journal of Applied Physics</i> , 2009, 106, 074701.	2.5	10
87	Three-Dimensional Simulations of Magnetic Priming of a Relativistic Magnetron. <i>IEEE Transactions on Plasma Science</i> , 2010, 38, 1292-1301.	1.3	10
88	Constriction Resistance and Current Crowding in Electrically Pumped Semiconductor Nanolasers with the Presence of Undercut and Sidewall Tilt. <i>IEEE Journal of Quantum Electronics</i> , 2016, 52, 1-7.	1.9	10
89	Thermal Electron Flow in a Planar Crossed-Field Diode. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 3109-3114.	1.3	10
90	Caterpillar structures in single-wire Z-pinch experiments. <i>Applied Physics Letters</i> , 2003, 83, 4915-4917.	3.3	9

#	ARTICLE	IF	CITATIONS
91	Performance and analysis of an electron cyclotron resonance plasma cathode. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2007, 25, 781-790.	2.1	9
92	Azimuthally correlated ablation between z-pinch wire cores. Physics of Plasmas, 2009, 16, 102702.	1.9	9
93	An unnoticed property of the cylindrical relativistic Brillouin flow. Physics of Plasmas, 2012, 19, .	1.9	9
94	Diagnostic and Power Feed Upgrades to the MAIZE Facility. IEEE Transactions on Plasma Science, 2018, 46, 3973-3981.	1.3	9
95	Harmonic Frequency Locking in the Multifrequency Recirculating Planar Magnetron. IEEE Transactions on Electron Devices, 2018, 65, 2347-2353.	3.0	9
96	Absolute instability and transient growth near the band edges of a traveling wave tube. Physics of Plasmas, 2018, 25, .	1.9	9
97	Multipactor experiments on an S-band coaxial test cell. Review of Scientific Instruments, 2021, 92, 124706.	1.3	9
98	Gyrotron travelling wave amplifier: IV. Analysis of launching losses. Journal of Infrared, Millimeter and Terahertz Waves, 1982, 3, 45-62.	0.6	8
99	Excitation of a slow wave structure. Physics of Plasmas, 2012, 19, .	1.9	8
100	Modification of Pierce's Classical Theory of Traveling-Wave Tubes. IEEE Electron Device Letters, 2018, 39, 1238-1241.	3.9	8
101	High-Power Recirculating Planar Crossed-Field Amplifier Design and Development. IEEE Transactions on Electron Devices, 2018, 65, 2361-2365.	3.0	8
102	Efficient computation of current in multiwire Z-pinch arrays. IEEE Transactions on Plasma Science, 2003, 31, 1384-1387.	1.3	7
103	High power nonlinear transmission lines with nonlinear inductance. , 2010, , .		7
104	Impact of random fabrication errors on backward-wave small-signal gain in traveling wave tubes with finite space charge electron beams. Journal of Applied Physics, 2013, 113, .	2.5	7
105	Frequency response of multipactor discharge. Physics of Plasmas, 1998, 5, 300-304.	1.9	6
106	Beam breakup in recirculating induction accelerators. Applied Physics Letters, 1989, 55, 2673-2675.	3.3	5
107	Temporal and spatial locking of nonlinear systems. Applied Physics Letters, 2010, 97, .	3.3	5
108	Origin of Second-Harmonic Signals in Octave Bandwidth Traveling-Wave Tubes. IEEE Transactions on Electron Devices, 2018, 65, 710-715.	3.0	5

#	ARTICLE	IF	CITATIONS
109	High-Power Amplification Experiments on a Recirculating Planar Crossed-Field Amplifier. IEEE Transactions on Plasma Science, 2020, 48, 1917-1922.	1.3	5
110	Theory of Traveling-Wave Tube Including Space Charge Effects on the Circuit Mode and Distributed Cold Tube Loss. IEEE Transactions on Plasma Science, 2020, 48, 665-668.	1.3	5
111	Model of cavity coupling for beam breakup control. Journal of Applied Physics, 1992, 72, 3874-3877.	2.5	4
112	Fluid description of kinetic modes. Physics of Plasmas, 1994, 1, 2816-2821.	1.9	4
113	Contact Resistance with Dissimilar Materials: Bulk Contacts and Thin Film Contacts. , 2011, , .		4
114	Absolute instability near TWT band edges. , 2016, , .		4
115	Pulse Shortening in Recirculating Planar Magnetrons. IEEE Transactions on Electron Devices, 2018, 65, 2354-2360.	3.0	4
116	A Relativistic and Electromagnetic Correction to the Ramo's Shockley Theorem. IEEE Transactions on Plasma Science, 2021, 49, 2661-2669.	1.3	4
117	Azimuthal clumping instabilities in a Z-pinch wire array. Physics of Plasmas, 2005, 12, 052701.	1.9	3
118	Theory and experimental measurements of contact resistance. , 2009, , .		3
119	Extensions of Johnson's Theory of Backward-Wave Oscillations in a Traveling-Wave Tube. IEEE Transactions on Electron Devices, 2019, 66, 1519-1524.	3.0	3
120	Frequency and Power Measurements on the Harmonic Recirculating Planar Magnetron. IEEE Transactions on Plasma Science, 2020, 48, 1868-1878.	1.3	3
121	Modeling and Experimental Studies of Magnetron Injection Locking. IEEE International Conference on Plasma Science, 2005, , .	0.0	2
122	Lumped circuit elements, statistical analysis, and radio frequency properties of electrical contact. Journal of Applied Physics, 2009, 106, 084904.	2.5	2
123	Recirculating planar magnetrons: Simulations and experiment. , 2011, , .		2
124	Pulse-shortening in recirculating planar magnetrons. , 2017, , .		2
125	Beam breakup instability in an annular electron beam. Journal of Applied Physics, 1993, 74, 5877-5879.	2.5	1
126	Beam breakup growth and reduction experiments in long-pulse electron beam transport. Journal of Applied Physics, 1994, 75, 1258-1266.	2.5	1

#	ARTICLE	IF	CITATIONS
127	Kinetic Alfvén mode and kinetic magnetosonic mode from a fluid description. <i>Physics of Plasmas</i> , 1995, 2, 1367-1371.	1.9	1
128	Resonant absorption of a short-pulse laser in a doped dielectric. <i>Applied Physics Letters</i> , 1999, 74, 2912-2914.	3.3	1
129	Design of a MITL for a 1 MA LTD Driving a Wire Array Z-Pinch Load. , 2007, , .		1
130	Effect of random circuit fabrication errors on small signal gain and phase in traveling wave tubes. , 2008, , .		1
131	Peer-to-peer locking of magnetrons: Analysis and experiment. , 2010, , .		1
132	Recent advances on electrical contact resistance: Theory and experiment. , 2010, , .		1
133	Recirculating Planar Magnetrons: Simulations and experiment. , 2012, , .		1
134	W-band rectangular ring-bar structure with straight-edge connections. , 2013, , .		1
135	Development of a compact LTD pulse generator for X-ray backlighting of planar foil ablation experiments. , 2013, , .		1
136	Experimental progress on a prototype multifrequency recirculating planar magnetron. , 2015, , .		1
137	Harmonic frequency generation in the multi-frequency recirculating planar magnetron. , 2016, , .		1
138	Harmonic generation under small signal conditions in a traveling wave tube. , 2016, , .		1
139	Plasma-Based Pulse Shortening In The Recirculating Planar Magnetron*. , 2017, , .		1
140	Design, Simulation, and Testing of an S-Band Coaxial Multipactor Test-Cell. , 2020, , .		1
141	Measurements of the Breakdown Threshold for Coaxial Multipactor and the Delay for Multipactor Onset. , 2021, , .		1
142	A novel two-beam accelerator (twobetron). <i>AIP Conference Proceedings</i> , 1995, , .	0.4	0
143	AC Space Charge Effects on Beam Loading of a Cavity. <i>IEEE International Conference on Plasma Science</i> , 2005, , .	0.0	0
144	Extraction of Electron Current from the UM Large Area, ECR Plasma Neutralizer. <i>IEEE International Conference on Plasma Science</i> , 2005, , .	0.0	0

#	ARTICLE	IF	CITATIONS
145	Power Absorption by Dielectric Contaminants in High Power Microwave Systems. International Power Modulator Symposium and High-Voltage Workshop, 2006, , .	0.0	0
146	Wire Contact Resistance Effects in a Multiwire Z-Pinch. , 2007, , .		0
147	Metal-Oxide-Junction, Triple-Point Cathodes for High Current Vacuum Electron Devices. , 2007, , .		0
148	Design of a MITL for a 1 MA LTD driving a wire array z-pinch load. , 2007, , .		0
149	Effects of Circuit Manufacturing Errors on Small Signal Gain and Phase in a Traveling Wave Tube. , 2007, , .		0
150	Effective current enhancement vs. aspect ratio for rectangular ridge cathodes. , 2007, , .		0
151	Electron Emission near a Triple Point. , 2008, , .		0
152	Effects of frequency chirp on magnetron injection locking. , 2008, , .		0
153	A higher dimensional theory of contact resistance. , 2008, , .		0
154	A higher dimensional theory of electrical contact resistance. , 2008, , .		0
155	Experiments on the UM 1-MA linear transformer driver facility. , 2009, , .		0
156	Magneto-rayleigh-taylor instabilities on thin foils driven by a 1-MA LTD. , 2009, , .		0
157	RF power loss, local electric and magnetic field enhancement due to surface roughness. , 2009, , .		0
158	Experimental study of plasma evolution in a single post-hole convolute on a 1 MA linear transformer driver. , 2009, , .		0
159	Peer-to-peer locking of magnetrons: Analysis and experiment. , 2009, , .		0
160	RF power absorption and electric and magnetic field enhancements due to surface roughness. , 2009, , .		0
161	P4-17: Recent advances on electrical contact resistance: Theory and experiment. , 2010, , .		0
162	21.2: Electron dynamics and fast startup in inverted magnetrons. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
163	21.5: Buneman-Hartree condition revisited. , 2010, , .		0
164	Post-hole convolute studies on the Z machine at SNL and maize at U of M. , 2010, , .		0
165	An experimental investigation of the magneto-Rayleigh-Taylor instability using thin foils driven by A1-MA Ltd. , 2010, , .		0
166	Microwave plasma window breakdown theory and experiments. , 2012, , .		0
167	Advances in fabrication error analysis for a mm-wave ring-bar TWT circuit. , 2012, , .		0
168	Recent development on the modeling of electrical contact. , 2013, , .		0
169	Multipactor-susceptible RF windows as power-tunable microwave limiters. , 2013, , .		0
170	A voltage scale for electro-thermal runaway. , 2013, , .		0
171	Recent development on the modeling of electrical contact. , 2013, , .		0
172	Brillouin flow in recirculating planar magnetron. , 2014, , .		0
173	Experimental investigation of the effects of an axial magnetic field on the magneto Rayleigh-Taylor instability in ablating planar foil plasmas. , 2015, , .		0
174	Experimental microwave power extraction in the Multi-Frequency Recirculating Planar Magnetron. , 2015, , .		0
175	Enhancement of coherent Smith-Purcell radiation at THz frequency. , 2015, , .		0
176	Z-Pinch plasma instability experiments on the UM linear transformer driver. , 2015, , .		0
177	Absolute instability at the band edges in linear beam traveling wave tubes. , 2015, , .		0
178	Experimental investigation of the effects of an axial magnetic field on the magneto Rayleigh-Taylor, sausage and kink instabilities in imploding liner-plasmas. , 2016, , .		0
179	An exact formulation for ultrafast electron emission due to a dc bias and a laser field. , 2016, , .		0
180	Parametric investigation of the multi-frequency recirculating planar magnetron. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
181	Research and Development of the Recirculating Planar Crossed-Field Amplifier. , 2017, , .		0
182	Re-examination of absolute instability near band edges in a traveling wave tube. , 2018, , .		0
183	The Effect of Multipactor on the Quality of a Signal. , 2019, , .		0
184	Experimental Investigation of Magnetized Liner Implosions on A 1-MA Linear Transformer Driver*. , 2017, , .		0
185	Electromagnetic and Relativistic Corrections to the Ramo-Shockley Theorem. , 2021, , .		0
186	Controlled Harmonic Frequency Locking in the Harmonic Recirculating Planar Magnetron. , 2020, , .		0
187	Multipactor Effects on Signal Quality in Transmission Lines with Impedance Mismatches. , 2020, , .		0
188	Physical Factors that Affect the Miram Curve. , 2021, , .		0
189	Theory, Simulation, and Experiments on Moderate-Current Magnetically Insulated Line Oscillators. , 2021, , .		0
190	Electromagnetic Shock-Induced Current Due to Charge Impact on a Conductor. , 2022, , .		0
191	Multi-Frequency Harmonic Magnetically Insulated Line Oscillator. , 2022, , .		0