Meiqin Liu

List of Publications by Year
in descending order

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44	492	759233 12	677142 22
papers	citations	h-index	g-index

46	46	46	637
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in multiferroic oxide heterostructures and devices. Journal of Materials Chemistry C, 2016, 4, 234-243.	5.5	87
2	rf mode switching in a relativistic magnetron with diffraction output. Applied Physics Letters, 2010, 97, .	3.3	54
3	Cooperative Estimation to Reconstruct the Parametric Flow Field Using Multiple AUVs. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	46
4	Magnetic properties of different CoFe₂O₄nanostructures: nanofibers versus nanoparticles. Journal of Materials Chemistry C, 2014, 2, 8578-8584.	5.5	39
5	Gas Sensing Properties of Epitaxial LaBaCo2O5.5+Î´ Thin Films. Scientific Reports, 2015, 5, 10784.	3.3	29
6	Operation Characteristics of A6 Relativistic Magnetron Using Single-Stepped Cavities With Axial Extraction. IEEE Transactions on Plasma Science, 2014, 42, 3344-3348.	1.3	24
7	Operation Characteristics of 12-Cavity Relativistic Magnetron With Single-Stepped Cavities. IEEE Transactions on Plasma Science, 2014, 42, 3283-3287.	1.3	23
8	Cyclization of several linear penta- and heptapeptides with different metal ions studied by CD spectroscopy*. Chemical Biology and Drug Design, 2008, 65, 55-64.	1.1	22
9	Frequency switching in a relativistic magnetron with diffraction output. Journal of Applied Physics, 2011, 110, .	2.5	21
10	Frequency Switching in a 12-Cavity Relativistic Magnetron With Axial Extraction of Radiation. IEEE Transactions on Plasma Science, 2012, 40, 1569-1574.	1.3	21
11	Review on nanomaterials synthesized by vapor transport method: growth and their related applications. RSC Advances, 2015, 5, 79249-79263.	3.6	20
12	Operation Characteristics of a 12-Cavity Relativistic Magnetron When Considering Secondary and Backscattered Electronsâ€™ Emission. IEEE Transactions on Plasma Science, 2015, 43, 1855-1861.	1.3	11
13	Optimizing the Parameters of a 12-Cavity Rising-Sun Relativistic Magnetron With Single-Stepped Cavities for $pi $ -Mode Operation. IEEE Transactions on Plasma Science, 2016, 44, 2852-2858.	1.3	11
14	Investigation of the operating characteristics of a 12-cavity rising-sun relativistic magnetron with diffraction output using particle-in-cell simulations. Physics of Plasmas, 2016, 23, .	1.9	10
15	Node Dynamic Localization and Prediction Algorithm for Internet of Underwater Things. IEEE Internet of Things Journal, 2022, 9, 5380-5390.	8.7	8
16	Investigation of the operating characteristics of a 12 stepped-cavity relativistic magnetron with axial extraction driven by an â€œFâ€•transparent cathode using particle-in-cell simulations. Physics of Plasmas, 2016, 23, .	1.9	6
17	Coherent Cherenkov-cyclotron radiation excited by an electron beam in a two-spiral metamaterial waveguide. AIP Advances, 2018, 8, .	1.3	6
18	A â€œcrab-likeâ€•12-cavity relativistic magnetron with diffraction output driven by a transparent cathode. Physics of Plasmas, 2019, 26, .	1.9	6

#	Article	IF	Citations
19	Frequency switching in a relativistic magnetron with diffraction output. , 2011, , .		5
20	Anti-Eavesdropping Scheme Based on Random Mapping for GSM-MBM Systems. IEEE Access, 2020, 8, 48416-48427.	4.2	5
21	Voltage Control of Two-Magnon Scattering in Multiferroic Layers for Tunable Magnetoelectric Devices. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	4
22	A â€œcrab-likeâ€•A6 relativistic magnetron with diffraction output driven by a transparent cathode. Physics of Plasmas, 2019, 26, .	1.9	4
23	A6 relativistic magnetron using a single-step cavity with diffraction output. , 2013, , .		3
24	Voltage Control of Magnetism Through Two-Magnon Scattering Effect for Magnetoelectric Microwave Devices. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	3
25	Mode control by rearrangement of the slow wave structure in a 12-cavity relativistic magnetron with diffraction output using single-stepped cavities driven by a transparent cathode. AIP Advances, 2021, 11, .	1.3	3
26	PIC Simulation of the Coherent Cerenkovâ€“ Cyclotron Radiation Excited by a High-Power Electron Beam in a Crossed-Elliptical Metamaterial Oscillator at S-Band. IEEE Transactions on Plasma Science, 2021, 49, 3351-3357.	1.3	3
27	Mode switching in the A6 magnetron. , 2010, , .		1
28	Modification of Single-Walled Carbon Nanotubes by Ammonium Sulfamate. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 18, 545-550.	2.1	1
29	Axial leakage current reduction in a 12-cavity rising-sun relativistic magnetron with a “F” transparent cathode. , 2014, , .		1
30	Investigation of a 12-cavity rising-sun relativistic magnetron with diffraction output using particle-in-cell simulation. , 2014, , .		1
31	Operating characteristics of a clamp klystron oscillator at E-band. Physics of Plasmas, 2018, 25, 073305.	1.9	1
32	A Trichinella spiralis new born larvae-specific protein, Ts-NBL1, interacts with hostâ€™s cell vimentin. Parasitology Research, 2022, 121, 1369-1378.	1.6	1
33	RF input for relativistic sectioned amplifiers. , 2011, , .		0
34	Operating characteristics of modes in an A6 relativistic magnetron with a stepped cavity. , 2013, , .		0
35	Operation characteristics of a 12-cavity relativistic magnetron with diffraction output when considering secondary and backscattered electrons emission. , 2014, , .		0
36	Tailoring magnetic properties in well order magnetic nanotstructures prepared by ALD technique. , 2015, , .		0

#	Article	IF	Citations
37	Simulation of the HPM power and pulse width on the influence of ESD protection device. , 2016, , .		0
38	MAGIC simulation of microwave generation using an active metamaterial powered by an electron beam. , 2018, , .		0
39	Identification and suppression of clutter using machine learning method. , 2019, , .		0
40	Third harmonic working based on the Smithâ€“Purcell radiation in a closed structure. AIP Advances, 2020, 10, 065115.	1.3	0
41	Operating characteristics of a clamp klystron oscillator with a sloping cavity at W-band. AIP Advances, 2020, 10, .	1.3	0
42	Effect of Annealing Temperature on Cube Texture Formation in Ni7W/Ni12W/Ni7W Compound Substrate. Physics of Metals and Metallography, 2020, 121, 261-268.	1.0	0
43	Dispersion Relationship of a Split Ring Re Sonator Metamaterial Arranged in a Circular Waveguide. , 2020, , .		0
44	PIC Simulations of an S-Band Surface Wave Microwave Oscillator Using a Two-Spiral Metamaterial Structure. , 2020, , .		0