

# Meiqin Liu

## List of Publications by Year in descending order

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44  
papers

492  
citations

759233

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677142

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46  
all docs

46  
docs citations

46  
times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Node Dynamic Localization and Prediction Algorithm for Internet of Underwater Things. IEEE Internet of Things Journal, 2022, 9, 5380-5390.	8.7	8
2	A Trichinella spiralis new born larvae-specific protein, Ts-NBL1, interacts with host's cell vimentin. Parasitology Research, 2022, 121, 1369-1378.	1.6	1
3	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
4	PIC Simulation of the Coherent Cerenkov 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
5	Cooperative Estimation to Reconstruct the Parametric Flow Field Using Multiple AUVs. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	46
6	Third harmonic working based on the Smith's Purcell radiation in a closed structure. AIP Advances, 2020, 10, 065115.	1.3	0
7	Anti-Eavesdropping Scheme Based on Random Mapping for GSM-MBM Systems. IEEE Access, 2020, 8, 48416-48427.	4.2	5
8	Operating characteristics of a clamp klystron oscillator with a sloping cavity at W-band. AIP Advances, 2020, 10, .	1.3	0
9	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
10	Dispersion Relationship of a Split Ring Resonator Metamaterial Arranged in a Circular Waveguide. , 2020, , .		0
11	PIC Simulations of an S-Band Surface Wave Microwave Oscillator Using a Two-Spiral Metamaterial Structure. , 2020, , .		0
12	A "crab-like" 12-cavity relativistic magnetron with diffraction output driven by a transparent cathode. Physics of Plasmas, 2019, 26, .	1.9	6
13	Identification and suppression of clutter using machine learning method. , 2019, , .		0
14	A "crab-like" 6 relativistic magnetron with diffraction output driven by a transparent cathode. Physics of Plasmas, 2019, 26, .	1.9	4
15	Coherent Cherenkov-cyclotron radiation excited by an electron beam in a two-spiral metamaterial waveguide. AIP Advances, 2018, 8, .	1.3	6
16	Operating characteristics of a clamp klystron oscillator at E-band. Physics of Plasmas, 2018, 25, 073305.	1.9	1
17	Voltage Control of Two-Magnon Scattering in Multiferroic Layers for Tunable Magnetoelectric Devices. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	4
18	Voltage Control of Magnetism Through Two-Magnon Scattering Effect for Magnetoelectric Microwave Devices. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	3

#	ARTICLE	IF	CITATIONS
19	MAGIC simulation of microwave generation using an active metamaterial powered by an electron beam. , 2018, , .		0
20	Investigation of the operating characteristics of a 12 stepped-cavity relativistic magnetron with axial extraction driven by an "F" transparent cathode using particle-in-cell simulations. Physics of Plasmas, 2016, 23, .	1.9	6
21	Simulation of the HPM power and pulse width on the influence of ESD protection device. , 2016, , .		0
22	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
23	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
24	Recent advances in multiferroic oxide heterostructures and devices. Journal of Materials Chemistry C, 2016, 4, 234-243.	5.5	87
25	Tailoring magnetic properties in well order magnetic nanotstructures prepared by ALD technique. , 2015, , .		0
26	Gas Sensing Properties of Epitaxial LaBaCo <sub>2</sub> O <sub>5.5</sub> + $\gamma$ Thin Films. Scientific Reports, 2015, 5, 10784.	3.3	29
27	Operation Characteristics of a 12-Cavity Relativistic Magnetron When Considering Secondary and Backscattered Electrons's Emission. IEEE Transactions on Plasma Science, 2015, 43, 1855-1861.	1.3	11
28	Review on nanomaterials synthesized by vapor transport method: growth and their related applications. RSC Advances, 2015, 5, 79249-79263.	3.6	20
29	Axial leakage current reduction in a 12-cavity rising-sun relativistic magnetron with a "F" transparent cathode. , 2014, , .		1
30	Operation characteristics of a 12-cavity relativistic magnetron with diffraction output when considering secondary and backscattered electrons emission. , 2014, , .		0
31	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
32	Operation Characteristics of 12-Cavity Relativistic Magnetron With Single-Stepped Cavities. IEEE Transactions on Plasma Science, 2014, 42, 3283-3287.	1.3	23
33	Magnetic properties of different CoFe <sub>2</sub> O <sub>4</sub> nanostructures: nanofibers versus nanoparticles. Journal of Materials Chemistry C, 2014, 2, 8578-8584.	5.5	39
34	Investigation of a 12-cavity rising-sun relativistic magnetron with diffraction output using particle-in-cell simulation. , 2014, , .		1
35	A6 relativistic magnetron using a single-step cavity with diffraction output. , 2013, , .		3
36	Operating characteristics of modes in an A6 relativistic magnetron with a stepped cavity. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	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
38	RF input for relativistic sectioned amplifiers. , 2011, , .		0
39	Frequency switching in a relativistic magnetron with diffraction output. , 2011, , .		5
40	Frequency switching in a relativistic magnetron with diffraction output. Journal of Applied Physics, 2011, 110, .	2.5	21
41	Mode switching in the A6 magnetron. , 2010, , .		1
42	rf mode switching in a relativistic magnetron with diffraction output. Applied Physics Letters, 2010, 97, .	3.3	54
43	Modification of Single-Walled Carbon Nanotubes by Ammonium Sulfamate. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 18, 545-550.	2.1	1
44	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