

# Ankun Li

## List of Publications by Year in descending order

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14  
papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Study of ring-shaped cathodes for a high power microwave device without guiding magnetic field. Journal of Applied Physics, 2018, 124, .	2.5	9
2	A High-Efficiency Magnetically Insulated Transmission Line Oscillator With Ridged Disk-Loaded Vanes. IEEE Transactions on Plasma Science, 2019, 47, 3974-3977.	1.3	9
3	A high-efficiency relativistic magnetron with a novel all-cavity extraction structure. AIP Advances, 2020, 10, .	1.3	9
4	Design of a dual-band radiation system for a complex magnetically insulated line oscillator. AIP Advances, 2018, 8, 055212.	1.3	8
5	Wake excitation by a powerful microwave pulse and its evolution in a plasma-filled waveguide. Physics of Plasmas, 2020, 27, .	1.9	6
6	Experimental Demonstration of a Ridged Magnetically Insulated Transmission Line Oscillator. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1698-1702.	4.6	6
7	A High-Efficiency Ridged Magnetically Insulated Transmission Line Oscillator. IEEE Transactions on Electron Devices, 2020, 67, 4442-4446.	3.0	5
8	Design and Simulation of a Novel High-Efficiency Magnetically Insulated Transmission Line Oscillator. IEEE Transactions on Plasma Science, 2020, 48, 884-887.	1.3	5
9	An improved high-efficiency relativistic magnetron with a novel cathode endcap. AIP Advances, 2021, 11, .	1.3	4
10	The Interaction of a High-Power Sub-Nanosecond Microwave Pulse With Plasma. IEEE Transactions on Plasma Science, 2020, 48, 792-801.	1.3	3
11	Experimental Generation of 1.1-kA Gyating Electron Beam Current From an Explosive Emission Cathode Magnetron Injection Gun. IEEE Transactions on Electron Devices, 2021, 68, 4664-4668.	3.0	3
12	Plasma bombardments in the diode in Ka-band coaxial transit-time oscillator. AIP Advances, 2018, 8, .	1.3	2
13	Improvement of vacuum maintenance capability and output pulse limit in a hard-tube MILO with a carbon fiber array cathode. Vacuum, 2020, 181, 109723.	3.5	2
14	Performance improvement of a magnetically insulated transmission line oscillator with a carbon fiber array cathode. Review of Scientific Instruments, 2019, 90, 044703.	1.3	0