Wenyuan Yang

List of Publications by Year
in descending order

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15 papers	64 citations	1684188 5 h-index	1588992 8 g-index
15 all docs	15 docs citations	15 times ranked	66 citing authors

#	Article	IF	Citations
1	Particle-in-Cell Investigation on Temporal Flow and Expansion Behaviors of Deuterium-Titanium Plasmas From Ion Source to Expansion Cup. IEEE Transactions on Plasma Science, 2022, 50, 295-304.	1.3	1
2	An Improved Compact and High-Efficiency Relativistic Magnetron With TE₁₁ Mode Radiation. IEEE Transactions on Electron Devices, 2021, 68, 5841-5845.	3.0	3
3	PIC-MCC Investigation on the Influences of Gas Medium and Flashover on the Multipacting Cathode Operation. IEEE Transactions on Plasma Science, 2021, 49, 1588-1596.	1.3	3
4	Simulation of cylinder SGEMP radiated by X-ray. , 2021, , .		1
5	The accuracy of collision cross sections in particle modeling on copper vacuum arcs. Physics of Plasmas, 2018, 25, .	1.9	13
6	Terahertz vacuum electronic FWG-TWT amplifier. , 2016, , .		0
7	Numerical Investigation of the Relativistic Magnetron Using a Novel Semitransparent Cathode. IEEE Transactions on Plasma Science, 2014, 42, 3458-3464.	1.3	9
8	A Novel Coaxial Relativistic Backward-Wave Oscillator for Millimeter Wave Generation. IEEE Transactions on Plasma Science, 2012, 40, 1338-1343.	1.3	8
9	Linear analysis and oscillation study on folded waveguide traveling wave tube for subterahertz radiation. , 2010, , .		1
10	Three-Dimensional Parallel Electromagnetic Code with Complex Geometry. , 2008, , .		1
11	Studies of a low-impedance coaxial split-cavity oscillator. Physics of Plasmas, 2005, 12, 063105.	1.9	7
12	Studies on a third-harmonic large-orbit gyro-traveling-wave-tube amplifier. Physics of Plasmas, 2004, 11, 1685-1688.	1.9	1
13	Nonlinear Analysis of Coaxial Gyro-Travelling-Wave-Tube Amplifier. Journal of Infrared, Millimeter and Terahertz Waves, 2003, 24, 1539-1551.	0.6	4
14	A newX-band coaxial transit-time oscillator. Physics of Plasmas, 2002, 9, 662-665.	1.9	11
15	The Transit Time Effect of a Modulated Electron Beam. Journal of Infrared, Millimeter and Terahertz Waves, 2001, 22, 421-427.	0.6	1