

Xingjun Ge

List of Publications by Year in descending order

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17
papers

187
citations

1307594

7
h-index

1058476

14
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17
all docs

17
docs citations

17
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Research progresses on Cherenkov and transit-time high-power microwave sources at NUDT. Matter and Radiation at Extremes, 2016, 1, 163-178.	3.9	65
2	Transversal and longitudinal mode selections in double-corrugation coaxial slow-wave devices. Physics of Plasmas, 2009, 16, .	1.9	31
3	The mechanism and realization of a band-agile coaxial relativistic backward-wave oscillator. Applied Physics Letters, 2014, 105, 183503.	3.3	18
4	Layer structure, plasma jet, and thermal dynamics of Cu target irradiated by relativistic pulsed electron beam. Laser and Particle Beams, 2009, 27, 497-509.	1.0	12
5	A compact relativistic backward-wave oscillator with metallized plastic components. Applied Physics Letters, 2014, 105, 123501.	3.3	12
6	A relativistic backward-wave oscillator with frequency-selectable across X- and Ku-bands. Physics of Plasmas, 2017, 24, 033120.	1.9	9
7	A high-efficiency dual-band relativistic Cerenkov oscillator based on dual electron beams. Physics of Plasmas, 2019, 26, .	1.9	9
8	An π -Band Long-Pulse Relativistic Backward-Wave Oscillator With Coaxial Extractor. IEEE Transactions on Plasma Science, 2019, 47, 1243-1248.	1.3	7
9	Experimental research on time-resolved evolution of cathode plasma expansion velocity in a long pulsed magnetically insulated coaxial diode. Journal of Applied Physics, 2018, 123, .	2.5	5
10	Investigation of a cross-band relativistic Cherenkov oscillator based on the cathode adjustment. AIP Advances, 2019, 9, .	1.3	4
11	A Cerenkov microwave generator with cross-band frequency hopping based on magnetic field tuning. Physics of Plasmas, 2020, 27, .	1.9	4
12	Research on a Low-Magnetic Field High-Efficiency Transit-Time Oscillator With Two Bunchers. IEEE Transactions on Plasma Science, 2022, 50, 656-661.	1.3	4
13	Experimental Research of the V-Band High Power Microwave Generation With Coaxial Cerenkov Oscillator. IEEE Electron Device Letters, 2022, 43, 288-291.	3.9	4
14	A high-efficiency cross-band Cerenkov microwave generator with a resonant reflector. AIP Advances, 2021, 11, .	1.3	2
15	Simulative research on reverse current in magnetically insulated coaxial diode. AIP Advances, 2017, 7, 105217.	1.3	1
16	A two-buncher high-efficiency transit-time oscillator with a low guiding magnetic field. AIP Advances, 2021, 11, 065127.	1.3	0
17	Research on coaxial transit time oscillator with low magnetic field and high efficiency. AIP Advances, 2022, 12, 075017.	1.3	0