

# Xingjun Ge

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

187  
citations

1307594

7  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

134  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | Research on coaxial transit time oscillator with low magnetic field and high efficiency. AIP Advances, 2022, 12, 075017.  | 1.3 | 0         |
| 4  | A two-buncher high-efficiency transit-time oscillator with a low guiding magnetic field. AIP Advances, 2021, 11, 065127.  | 1.3 | 0         |
| 5  | A high-efficiency cross-band Cerenkov microwave generator with a resonant reflector. AIP Advances, 2021, 11, .  | 1.3 | 2         |
| 6  | A Cerenkov microwave generator with cross-band frequency hopping based on magnetic field tuning. Physics of Plasmas, 2020, 27, .  | 1.9 | 4         |
| 7  | A high-efficiency dual-band relativistic Cerenkov oscillator based on dual electron beams. Physics of Plasmas, 2019, 26, .  | 1.9 | 9         |
| 8  | An $\pi$ -Band Long-Pulse Relativistic Backward-Wave Oscillator With Coaxial Extractor. IEEE Transactions on Plasma Science, 2019, 47, 1243-1248.                                     | 1.3 | 7         |
| 9  | Investigation of a cross-band relativistic Cherenkov oscillator based on the cathode adjustment. AIP Advances, 2019, 9, .   | 1.3 | 4         |
| 10 | 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         |
| 11 | A relativistic backward-wave oscillator with frequency-selectable across X- and Ku-bands. Physics of Plasmas, 2017, 24, 033120.   | 1.9 | 9         |
| 12 | Simulative research on reverse current in magnetically insulated coaxial diode. AIP Advances, 2017, 7, 105217.  | 1.3 | 1         |
| 13 | 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        |
| 14 | A compact relativistic backward-wave oscillator with metallized plastic components. Applied Physics Letters, 2014, 105, 123501.   | 3.3 | 12        |
| 15 | The mechanism and realization of a band-agile coaxial relativistic backward-wave oscillator. Applied Physics Letters, 2014, 105, 183503.  | 3.3 | 18        |
| 16 | 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        |
| 17 | Transversal and longitudinal mode selections in double-corrugation coaxial slow-wave devices. Physics of Plasmas, 2009, 16, .   | 1.9 | 31        |