

# Kun Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1895140/publications.pdf>

Version: 2024-02-01

10  
papers

24  
citations

1937685

4  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

11  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of Cherenkov Radiation to Transition Radiation by Electron Bunch Post-Acceleration for Extremely Efficient Beam-Wave Interaction. IEEE Transactions on Electron Devices, 2022, 69, 1409-1415.	3.0	4
2	Theoretical calculation and particle-in-cell simulation of a multi-mode relativistic backward wave oscillator operating at low magnetic field. Physics of Plasmas, 2022, 29, .	1.9	3
3	Effect of Microwave Leakage on Backward Current in an X-Band Dual-Mode RBWO Packaged With Permanent Magnet. IEEE Transactions on Electron Devices, 2022, 69, 4592-4597.	3.0	1
4	Microwave breakdown in an overmoded relativistic backward wave oscillator operating at low magnetic field. Plasma Research Express, 2021, 3, 025001.	0.9	4
5	Role of Second Harmonic in the Optimization of Microwave Conversion Efficiency From an Intense Relativistic Electron Beam. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5284-5290.	4.6	7
6	Microwave frequency downshift in the time-varying collision plasma. Plasma Science and Technology, 2020, 22, 025501.	1.5	0
7	Particle-in-cell simulation of surface plasmon polaritons excited by external introduction of electron density. Journal of Applied Physics, 2020, 128, .	2.5	0
8	Analysis of microwave propagation in a time-varying plasma slab with particle-in-cell simulations. Plasma Science and Technology, 2019, 21, 105501.	1.5	0
9	Particle-in-cell simulation for frequency up-conversion of microwave to terahertz radiation by a relativistic hollow ionization front. AIP Advances, 2019, 9, .	1.3	0
10	Particle-in-cell simulation for frequency up-conversion of microwave pulse in a rapidly created plasma. Physics of Plasmas, 2017, 24, 033507.	1.9	5