

# Dewen Yang

## List of Publications by Year in descending order

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11  
papers

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citations

1937685

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1720034

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all docs

11  
docs citations

11  
times ranked

58  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental research on a high efficiency X-band klystron-like RBWO. AIP Advances, 2018, 8, .	1.3	9
2	Efficiency enhancement of a klystron-like relativistic backward wave oscillator with local decompression magnetic field. Physics of Plasmas, 2019, 26, .	1.9	9
3	Theoretical research on power handling capacity of the modes TM01 and TM02 in corrugated waveguides. Physics of Plasmas, 2019, 26, .	1.9	8
4	Power capacity enhancement for klystron-like RBWOs with a TM021 extraction cavity. Physics of Plasmas, 2018, 25, .	1.9	6
5	Relativistic backward wave oscillator operating in TM02 with cutoff-type resonant reflector. Physics of Plasmas, 2017, 24, .	1.9	4
6	Theoretical Research on Properties of Spatial Harmonics in Corrugated Waveguide. IEEE Access, 2019, 7, 167784-167794.	4.2	4
7	Research on origination of oscillations and microwave growth in weakly resonant RBWOs. Physics of Plasmas, 2017, 24, 093115.	1.9	2
8	Investigation of damage traces on the SWS of the RBWO with a low guiding magnetic field. Physics of Plasmas, 2021, 28, .	1.9	2
9	Analyses of bombardment traces on the tube head of a relativistic backward wave oscillator. Physics of Plasmas, 2019, 26, 113106.	1.9	1
10	Influence of SWS Size on Mode Purification in an Overmoded Ka-Band Cerenkov Oscillator. IEEE Access, 2020, 8, 32080-32087.	4.2	1
11	Influence of voltage rise time on phase locking by priming effect in weakly resonant relativistic backward wave oscillators. Physics of Plasmas, 2017, 24, 053101.	1.9	0