Yicheng Wang

List of Publications by Year
in descending order

12	227	1937685 4	1372567 10
papers	citations	h-index	g-index

12	12	12	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ion energy distributions and sheath voltages in a radio-frequency-biased, inductively coupled, high-density plasma reactor. Journal of Applied Physics, 1999, 85, 3966-3975.	2.5	95
2	Measurements and modeling of ion energy distributions in high-density, radio-frequency biased CF[sub 4] discharges. Journal of Applied Physics, 2002, 91, 6303.	2.5	55
3	AC Power Standard Using a Programmable Josephson Voltage Standard. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1041-1048.	4.7	55
4	Velocity boundary conditions for positive ions entering radio-frequency sheaths in electronegative plasmas. Journal of Applied Physics, 2017, 122, .	2.5	5
5	Ion velocities in the presheath of electronegative, radio-frequency plasmas measured by low-energy cutoff. Applied Physics Letters, 2016, 109, .	3.3	4
6	Method for the Absolute Calibration of Direct-Current Current Transducers. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1961-1966.	4.7	4
7	Comparison of a 100-pF Capacitor With a 12 906-Î© Resistor Using a Digital Impedance Bridge. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-7.	4.7	4
8	Improved Capacitance Measurements With Respect to a 1-pF Cross-Capacitor From 200 to 2000 Hz. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 542-545.	4.7	2
9	Nonlinearity of the NIST Calculable Capacitor. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1895-1900.	4.7	1
10	Evaluations of a Sampling Impedance Bridge. , 2020, , .		1
11	Evaluations of a Detector-Limited Digital Impedance Bridge. Journal of Research of the National Institute of Standards and Technology, 2021, 126, .	1.2	1
12	Nonlinearity Testing of Capacitance Bridges Using Programmable Capacitors. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1227-1231.	4.7	0