

Jin Seok Kim

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

76
citations

1683354

5
h-index

2053342

5
g-index

8
all docs

8
docs citations

8
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Model description of a two-dimensional electrostatic particle-in-cell simulation parallelized with a graphics processing unit for plasma discharges. Plasma Research Express, 2019, 1, 015016.	0.4	21
2	Advanced PIC-MCC simulation for the investigation of step-ionization effect in intermediate-pressure capacitively coupled plasmas. Journal Physics D: Applied Physics, 2018, 51, 104004.	1.3	19
3	The ion kinetics at the wafer edge by the variation of geometry and permittivity of the focus ring in capacitively coupled discharges. Journal of Applied Physics, 2019, 126, .	1.1	16
4	Non-modal analysis of the diocotron instability for cylindrical geometry with conducting boundary. Physics of Plasmas, 2014, 21, .	0.7	13
5	Numerical analysis for optimization of the sidewall conditions in a capacitively coupled plasma deposition reactor. Journal of Applied Physics, 2019, 126, 173301.	1.1	7
6	Simulation of low-pressure capacitively coupled plasmas using a parallelized particle-in-cell simulation and a direct simulation of Monte Carlo for neutrals. , 2013, , .		0
7	Control of plasma uniformity with dual phase Very High Frequency Capacitively Coupled Plasmas. , 2014, , .		0
8	Advanced Pic-Mcc Simulation for an Intermediate-Pressure Capacitively Coupled Plasma for Deposition Process. , 2017, , .		0