

De-Qi Wen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2691743/publications.pdf>

Version: 2024-02-01

12
papers

169
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of single-surface multipactor discharges due to non-sinusoidal transverse electric field. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	31
2	Time-dependent physics of single-surface multipactor discharge with two carrier frequencies. <i>Physical Review E</i> , 2020, 102, 043201.	2.1	27
3	Temporal single-surface multipactor dynamics under obliquely incident linearly polarized electric field. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	23
4	The effects of electron surface interactions in geometrically symmetric capacitive RF plasmas in the presence of different electrode surface materials. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	18
5	Observation of multilayer-structured discharge in plasma ionization breakdown. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	13
6	Particle-in-Cell Simulations With Fluid Metastable Atoms in Capacitive Argon Discharges: Electron Elastic Scattering and Plasma Density Profile Transition. <i>IEEE Transactions on Plasma Science</i> , 2022, 50, 2548-2557.	1.3	13
7	Experimental investigation of the electron impact excitation behavior in pulse-modulated radio frequency Ar/O ₂ inductively coupled plasma. <i>Journal of Applied Physics</i> , 2019, 125, 023303.	2.5	12
8	Investigation of the power transfer efficiency in a radio-frequency driven negative hydrogen ion source. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	8
9	Simulations of electromagnetic effects in large-area high-frequency capacitively coupled plasmas with symmetric electrodes: Different axial plasma density profiles. <i>Physics of Plasmas</i> , 2020, 27, 023502.	1.9	8
10	Hybrid simulation of radio frequency biased inductively coupled Cl ₂ plasmas. <i>Physics of Plasmas</i> , 2021, 28, 053512.	1.9	8
11	A Review of Recent Studies on Two-Frequency RF Field-Induced Single-Surface Multipactor Discharge. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 3284-3292.	1.3	8
12	Multipactor Dynamics Near a Dielectric Due to Two-Frequency RF Fields. , 2021, , .		0