

Xiaolong Wei

List of Publications by Year in descending order

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23
papers

130
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1478505

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all docs

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docs citations

23
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Diffuse Coding Metasurface of Independent Polarization for RCS Reduction. IEEE Access, 2020, 8, 162313-162321.	4.2	36
2	Comparison study of electromagnetic wave propagation in high and low pressure Ar inductively coupled plasma. Vacuum, 2016, 127, 65-72.	3.5	17
3	Damage Identification of Low Emissivity Coating Based on Convolution Neural Network. IEEE Access, 2020, 8, 156792-156800.	4.2	11
4	Investigation on the parameter distribution of Ar/O ₂ inductively coupled plasmas. Vacuum, 2019, 168, 108821.	3.5	9
5	Simulation and experimental research on the parameter distribution of low-pressure Ar/O ₂ inductively coupled plasma. Vacuum, 2017, 145, 77-85.	3.5	7
6	Study on attenuation characteristics of electromagnetic waves in plasma-superimposed artificial wave vector metasurface structure. Journal Physics D: Applied Physics, 2020, 53, 065204.	2.8	7
7	Study on the influence of thin plasma thickness on electromagnetic wave attenuation. Vacuum, 2021, 191, 110234.	3.5	7
8	Influence of discharge parameters on electromagnetic scattering. AIP Advances, 2019, 9, .	1.3	6
9	A Hybrid FETD Algorithm for Electromagnetic Modeling of Fine Structures. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2771-2775.	4.0	6
10	Investigation on the Parameters Distribution and Electromagnetic Scattering of Radome Inductively Coupled Plasma. IEEE Transactions on Antennas and Propagation, 2021, 69, 8711-8721.	5.1	6
11	Experimental Investigation of Ar Inductively Coupled Plasma in a Closed Low-Pressure Chamber. IEEE Transactions on Plasma Science, 2018, 46, 1809-1815.	1.3	4
12	Study on the influence of coil configuration on electromagnetic characteristics of inductively coupled plasma superimposed frequency selective surface. Vacuum, 2021, 191, 110373.	3.5	3
13	Effects of the working parameters on the flow-field numerical results for a medium-power ICP wind tunnel. Physics of Plasmas, 2020, 27, .	1.9	2
14	Regularized Sparse Band Selection via Learned Pairwise Agreement. IEEE Access, 2020, 8, 40096-40105.	4.2	2
15	Emissivity measurement based on deep learning and surface roughness. AIP Advances, 2021, 11, 085305.	1.3	2
16	Study on electromagnetic scattering characteristics of inductively coupled plasma superimposed honeycomb absorbing structure. Vacuum, 2021, , 110761.	3.5	2
17	Microwave interference diagnosis of plasma based on fluid dynamics modeling. Journal of Physics: Conference Series, 2018, 1053, 012065.	0.4	1
18	Active Control of Electromagnetic Attenuation Characteristics of Planar Inductively Coupled Plasma. IEEE Transactions on Plasma Science, 2021, 49, 3070-3077.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Radar-absorbing materials damage detection through microwave images using one-stage object detectors. NDT and E International, 2022, 127, 102604.	3.7	1
20	Research on electromagnetic scattering and plasma stealth design of S-shaped inlet. , 2017, , .		0
21	Thermal Ablation Damage Analysis of CFRP Suffering from Lightning Based on Principles of Tomography. Materials, 2020, 13, 5159.	2.9	0
22	Effects of axial magnetic field on discharge characteristics of inductively coupled plasma. AIP Advances, 2020, 10, 055209.	1.3	0
23	CompoNet with SFEL: A convolutional neural network for identifying low-emissivity coating damage. AIP Advances, 2021, 11, 055211.	1.3	0