

Xiaolong Wei

List of Publications by Year in descending order

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23
times ranked

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#	ARTICLE	IF	CITATIONS
1	Radar-absorbing materials damage detection through microwave images using one-stage object detectors. <i>NDT and E International</i> , 2022, 127, 102604.	3.7	1
2	Investigation on the Parameters Distribution and Electromagnetic Scattering of Radome Inductively Coupled Plasma. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 8711-8721.	5.1	6
3	CompoNet with SFEL: A convolutional neural network for identifying low-emissivity coating damage. <i>AIP Advances</i> , 2021, 11, 055211.	1.3	0
4	Emissivity measurement based on deep learning and surface roughness. <i>AIP Advances</i> , 2021, 11, 085305.	1.3	2
5	Study on the influence of coil configuration on electromagnetic characteristics of inductively coupled plasma superimposed frequency selective surface. <i>Vacuum</i> , 2021, 191, 110373.	3.5	3
6	Study on the influence of thin plasma thickness on electromagnetic wave attenuation. <i>Vacuum</i> , 2021, 191, 110234.	3.5	7
7	Active Control of Electromagnetic Attenuation Characteristics of Planar Inductively Coupled Plasma. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 3070-3077.	1.3	1
8	Study on electromagnetic scattering characteristics of inductively coupled plasma superimposed honeycomb absorbing structure. <i>Vacuum</i> , 2021, , 110761.	3.5	2
9	Study on attenuation characteristics of electromagnetic waves in plasma-superimposed artificial wave vector metasurface structure. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 065204.	2.8	7
10	Thermal Ablation Damage Analysis of CFRP Suffering from Lightning Based on Principles of Tomography. <i>Materials</i> , 2020, 13, 5159.	2.9	0
11	Damage Identification of Low Emissivity Coating Based on Convolution Neural Network. <i>IEEE Access</i> , 2020, 8, 156792-156800.	4.2	11
12	Multiple Diffuse Coding Metasurface of Independent Polarization for RCS Reduction. <i>IEEE Access</i> , 2020, 8, 162313-162321.	4.2	36
13	Effects of the working parameters on the flow-field numerical results for a medium-power ICP wind tunnel. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	2
14	Effects of axial magnetic field on discharge characteristics of inductively coupled plasma. <i>AIP Advances</i> , 2020, 10, 055209.	1.3	0
15	Regularized Sparse Band Selection via Learned Pairwise Agreement. <i>IEEE Access</i> , 2020, 8, 40096-40105.	4.2	2
16	Investigation on the parameter distribution of Ar/O ₂ inductively coupled plasmas. <i>Vacuum</i> , 2019, 168, 108821.	3.5	9
17	Influence of discharge parameters on electromagnetic scattering. <i>AIP Advances</i> , 2019, 9, .	1.3	6
18	A Hybrid FETD Algorithm for Electromagnetic Modeling of Fine Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 2771-2775.	4.0	6

#	ARTICLE	IF	CITATIONS
19	Microwave interference diagnosis of plasma based on fluid dynamics modeling. Journal of Physics: Conference Series, 2018, 1053, 012065.	0.4	1
20	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
21	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
22	Research on electromagnetic scattering and plasma stealth design of S-shaped inlet. , 2017, , .		0
23	Comparison study of electromagnetic wave propagation in high and low pressure Ar inductively coupled plasma. Vacuum, 2016, 127, 65-72.	3.5	17