

# Jinzu Ji

## List of Publications by Year in descending order

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32  
papers

170  
citations

1307594

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1281871

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g-index

33  
all docs

33  
docs citations

33  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of RCS for carrier electronic warfare airplanes. Chinese Journal of Aeronautics, 2015, 28, 545-555.	5.3	18
2	Three-dimensional thermo-mechanical solutions of cross-ply laminated plates and shells by a differential quadrature hierarchical finite element method. Composite Structures, 2019, 208, 711-724.	5.8	18
3	Transparent and electrically tunable electromagnetic wave absorbing metamaterial. Applied Physics Letters, 2022, 120, .	3.3	18
4	Scattering reduction of perfectly electric conductive cylinder by coating plasma and metamaterial. Optik, 2018, 161, 98-105.	2.9	10
5	Numerical simulation of the aerodynamic influence of an aircraft on the hose-refueling system during aerial refueling operations. Aerospace Science and Technology, 2016, 49, 34-40.	4.8	9
6	Quadratic recursive convolution (QRC) in dispersive media simulation of finite-difference time-domain (FDTD). Optik, 2017, 138, 542-549.	2.9	7
7	Fast shadowing test algorithm based on target division by cubes. Optik, 2017, 130, 433-440.	2.9	7
8	Research on monostatic and bistatic RCS of cloaking based on coordinate transformation. Optik, 2018, 165, 117-123.	2.9	7
9	Tunability Study of Plasma Frequency Selective Surface Based on FDTD. IEEE Transactions on Plasma Science, 2019, 47, 1500-1504.	1.3	7
10	Study on Tunable Magnetized Plasma Frequency Selective Surface Using JEC-FDTD Method. IEEE Transactions on Plasma Science, 2020, 48, 3479-3486.	1.3	7
11	A feasibility study of elastography based confocal microwave imaging technique for breast cancer detection. Optik, 2017, 144, 108-114.	2.9	6
12	Numerical calculation of the reflection, absorption and transmission of a nonuniform plasma slab based on FDTD. Optik, 2018, 165, 240-247.	2.9	6
13	Shadowing algorithm of facets in physical optics (PO) based on determinant. Optik, 2015, 126, 1366-1368.	2.9	5
14	Perfectly matched layer's constitutive assignment scheme's influence to absorbing performance. Optik, 2015, 126, 5777-5780.	2.9	5
15	Nutation and geometrical parameters estimation of cone-shaped target based on micro-Doppler effect. Optik, 2017, 150, 1-10.	2.9	5
16	Research on scattering characteristics of metamaterials based on ADE-FDTD. Optik, 2018, 164, 402-406.	2.9	5
17	Experimental analysis for electromagnetic scattering characteristics of aluminum-doped zinc oxide (AZO) coated glass. Optik, 2018, 155, 133-138.	2.9	5
18	Piecewise linear recursive convolution (PLRC) implementation of convolution perfectly matched layer (CPML) in finite-difference time-domain (FDTD). Optik, 2017, 140, 459-466.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Study and optimization on the scattering characteristic of two-dimensional metal airfoil covered with plasma using ADE-FDTD. <i>Optik</i> , 2017, 147, 224-231.	2.9	4
20	Series expansion feasibility of singular integral in method of moments. <i>Journal of Systems Engineering and Electronics</i> , 2014, 25, 386-392.	2.2	3
21	Triangular ray tubes in electromagnetic scattering calculation using shooting and bouncing ray (SBR). <i>Optik</i> , 2016, 127, 3117-3120.	2.9	3
22	Reflection and transmission characteristics of frequency selective surface embedded within a thick plasma layer. <i>Optik</i> , 2020, 200, 163453.	2.9	3
23	Active cancellation method of the chirp-subpulse stepped frequency (CSSF) based on repeater jamming. <i>Optik</i> , 2018, 154, 692-704.	2.9	2
24	Fast finite-difference time-domain (FDTD) method of two dimensional target scattering calculation by two-level hierarchical approach. <i>Optik</i> , 2020, 203, 163951.	2.9	2
25	A fast shadowing test algorithm in physical optics based on spherical partition of target. <i>Optik</i> , 2017, 145, 284-291.	2.9	1
26	Comparison of Three Different Styles of Submarine Sails on Electromagnetic Scattering under the Detection of Airborne Radar. <i>ITM Web of Conferences</i> , 2018, 17, 02003.	0.5	1
27	Analysis and optimization of electromagnetic scattering characteristics of two-dimensional metal airfoil covered with metamaterial. <i>Journal of Physics: Conference Series</i> , 2020, 1633, 012019.	0.4	1
28	A novel method in extrapolation from near-zone to far-zone of 2D FDTD scattering. <i>Optik</i> , 2018, 157, 551-555.	2.9	1
29	Inclusion's distribution pattern's influence on mixture's effective permittivity in two dimension utilizing finite difference method (FDM). <i>Optik</i> , 2020, 200, 163384.	2.9	0
30	Applying PML technique with additional differential equation method in non-uniform mixed-element DGTD method. <i>Optik</i> , 2021, 225, 165219.	2.9	0
31	Tunable Radar Absorber Using Resistive Frequency-Selective Surface and Plasma. , 2021, , .		0
32	Tunable Multi-band plasma FSS realized by artificial defects. , 2021, , .		0