

Yongtao Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5912930/publications.pdf>

Version: 2024-02-01

38
papers

1,530
citations

331670

21
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

981
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband RCS Reduction of a Slot Array Antenna Using Polarization Conversion Metasurfaces. IEEE Transactions on Antennas and Propagation, 2016, 64, 326-331.	5.1	267
2	A Circularly Polarized High-Gain Antenna With Low RCS Over a Wideband Using Chessboard Polarization Conversion Metasurfaces. IEEE Transactions on Antennas and Propagation, 2017, 65, 4288-4292.	5.1	186
3	Broadband Polarization Rotation Reflective Surfaces and Their Applications to RCS Reduction. IEEE Transactions on Antennas and Propagation, 2016, 64, 179-188.	5.1	176
4	A Dual-Patch Polarization Rotation Reflective Surface and Its Application to Ultra-Wideband RCS Reduction. IEEE Transactions on Antennas and Propagation, 2017, 65, 3291-3295.	5.1	117
5	Wideband RCS Reduction of a Slot Array Antenna Using a Hybrid Metasurface. IEEE Transactions on Antennas and Propagation, 2020, 68, 3644-3652.	5.1	64
6	A Frequency- and Polarization-Reconfigurable Slot Antenna Using Liquid Metal. IEEE Transactions on Antennas and Propagation, 2020, 68, 7630-7635.	5.1	59
7	A Differentially Fed Dual-Polarized Slot Antenna With High Isolation and Low Profile for Base Station Application. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 303-307.	4.0	57
8	A Low Correlation and Mutual Coupling MIMO Antenna. IEEE Access, 2019, 7, 127384-127392.	4.2	51
9	Circularly Polarized Antenna Array With Low RCS Using Metasurface-Inspired Antenna Units. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1453-1457.	4.0	47
10	A Low-Profile Dual-Band Dual-Circularly Polarized Folded Transmitarray Antenna With Independent Beam Control. IEEE Transactions on Antennas and Propagation, 2022, 70, 3852-3857.	5.1	43
11	A Low-RCS and High-Gain Circularly Polarized Antenna With a Low Profile. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2477-2480.	4.0	41
12	An Integrated Shark-Fin Antenna for MIMO-LTE, FM, and GPS Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1666-1670.	4.0	37
13	A Radiation Pattern Reconfigurable Fabry-Perot Antenna Based on Liquid Metal. IEEE Transactions on Antennas and Propagation, 2020, 68, 7658-7663.	5.1	37
14	Dual-Polarization Frequency-Selective Resonator With Independently Controlled Dual-Band Transmission Response. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 831-835.	4.0	35
15	An Integrated Radiation and Scattering Performance Design Method of Low-RCS Patch Antenna Array With Different Antenna Elements. IEEE Transactions on Antennas and Propagation, 2019, 67, 6199-6204.	5.1	32
16	High-Gain Fabry-Perot Antennas With Wideband Low Monostatic RCS Using Phase Gradient Metasurface. IEEE Access, 2019, 7, 4816-4824.	4.2	32
17	Dual-Band Dual-Circularly Polarized Antenna Array With Printed Ridge Gap Waveguide. IEEE Transactions on Antennas and Propagation, 2021, 69, 5118-5123.	5.1	32
18	Hepta-Band Metal-Frame Antenna for LTE/WWAN Full-Screen Smartphone. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1241-1245.	4.0	31

#	ARTICLE	IF	CITATIONS
19	Low RCS and High-Gain Patch Antenna Based on a Holographic Metasurface. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 492-496.	4.0	30
20	Low RCS Antenna Array With Reconfigurable Scattering Patterns Based on Digital Antenna Units. IEEE Transactions on Antennas and Propagation, 2021, 69, 572-577.	5.1	26
21	A High-Isolation Building Block Using Stable Current Nulls for 5G Smartphone Applications. IEEE Access, 2019, 7, 170419-170429.	4.2	23
22	Low-RCS Holographic Antenna With Enhanced Gain Based on Frequency-Selective Absorber. IEEE Transactions on Antennas and Propagation, 2020, 68, 6516-6526.	5.1	20
23	Low RCS microstrip antenna using polarisation-dependent frequency selective surface. Electronics Letters, 2014, 50, 978-979.	1.0	18
24	In-Band Radar Cross Section Reduction of Slot Array Antenna. IEEE Access, 2018, 6, 23561-23567.	4.2	16
25	High-Gain Fabry-Pérot Antenna With Reconfigurable Scattering Patterns Based on Varactor Diodes. IEEE Transactions on Antennas and Propagation, 2022, 70, 922-930.	5.1	14
26	Ultra-wideband radar cross-section reduction for ring-shaped microstrip antenna based on characteristic mode analysis. Microwave and Optical Technology Letters, 2021, 63, 1538-1546.	1.4	8
27	Low-RCS Antenna Array With Switchable Scattering Patterns Employing Microfluidic Liquid Metal Alloy-Based Metasurface. IEEE Transactions on Antennas and Propagation, 2021, 69, 8955-8960.	5.1	7
28	5G SAR-Reduction MIMO Antenna With High Isolation for Full Metal-Rimmed Tablet Device. IEEE Transactions on Antennas and Propagation, 2022, 70, 3846-3851.	5.1	5
29	Self-localized topological states in three dimensions. Physical Review B, 2022, 105, .	3.2	5
30	Low-profile reflective polarization conversion metasurface with frequency selective characteristics. Materials Research Express, 2019, 6, 085807.	1.6	4
31	A Wideband Low-Profile Millimeter-Wave Magneto-Electric Dipole-Like Array With Low Transmission Loss Feed Network. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 277-281.	4.0	3
32	Ultra-wideband low-scattering metamaterial based on combination of water absorber and polarization rotation metasurface. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	3
33	Deca-band structure reutilization MIMO antenna for 4G / 5G full-screen metal frame smartphone operation. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22890.	1.2	2
34	A wideband low-radar cross section circularly polarized holographic antenna based on hybrid metasurface. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22917.	1.2	1
35	A Switchable Absorber/Reflector Using Liquid Metal. , 2021, , .		1
36	Wideband Full-Screen Metal Frame Smartphone Antenna for 4G/5G Operation. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	A Low-profile Vertical-polarized End-fire Antenna for 5G Millimeter Wave Applications. , 2021, , .		0
38	A Frequency-Reconfigurable Open-loop Antenna Based on Liquid Metal Alloy. , 2021, , .		0