

Junsheng Yu

List of Publications by Year in descending order

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245
papers

2,570
citations

185998

28
h-index

264894

42
g-index

246
all docs

246
docs citations

246
times ranked

3119
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Merging of Nonfullerene Acceptor ï€-Extension and Tetrafluorination Strategies Affords Polymer Solar Cells with >16% Efficiency. <i>Journal of the American Chemical Society</i> , 2021, 143, 6123-6139.	6.6	125
2	Supersensitive all-fabric pressure sensors using printed textile electrode arrays for human motion monitoring and humanâ€™machine interaction. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13120-13127.	2.7	90
3	Electronic skin as wireless human-machine interfaces for robotic VR. <i>Science Advances</i> , 2022, 8, eabl6700.	4.7	88
4	Highly stretchable organic electrochemical transistors with strain-resistant performance. <i>Nature Materials</i> , 2022, 21, 564-571.	13.3	86
5	High Gain, Broadband and Dual-Polarized Substrate Integrated Waveguide Cavity-Backed Slot Antenna Array for 60 GHz Band. <i>IEEE Access</i> , 2018, 6, 31012-31022.	2.6	75
6	Relieving the Photosensitivity of Organic Fieldâ€™Effect Transistors. <i>Advanced Materials</i> , 2020, 32, e1906122.	11.1	61
7	Highly efficient prismatic perovskite solar cells. <i>Energy and Environmental Science</i> , 2019, 12, 929-937.	15.6	54
8	Millimeter-Wave Rectangular Dielectric Resonator Antenna Array With Enlarged DRA Dimensions, Wideband Capability, and High-Gain Performance. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 3271-3276.	3.1	51
9	Recent progress in chemical gas sensors based on organic thin film transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13482-13500.	2.7	50
10	Phase Separation of P3HT/PMMA Blend Film for Forming Semiconducting and Dielectric Layers in Organic Thin-Film Transistors for High-Sensitivity NO ₂ Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44521-44527.	4.0	49
11	Novel Diversity/MIMO PIFA Antenna With Broadband Circular Polarization for Multimode Satellite Navigation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 65-68.	2.4	48
12	Binary Solvent Additives Treatment Boosts the Efficiency of PTB7:PCBM Polymer Solar Cells to Over 9.5%. <i>Solar Rrl</i> , 2018, 2, 1700144.	3.1	47
13	Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna Array for 5G Applications. <i>IEEE Journal on Selected Areas in Communications</i> , 2017, 35, 1539-1549.	9.7	46
14	Efficient Visibleâ€™Nearâ€™Infrared Hybrid Perovskite:PbS Quantum Dot Photodetectors Fabricated Using an Antisolvent Additive Solution Process. <i>Advanced Optical Materials</i> , 2018, 6, 1800979.	3.6	46
15	A Wideband Dual-Circular-Polarization Horn Antenna for mmWave Wireless Communications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1726-1730.	2.4	44
16	Analysis and Design of a Novel Circularly Polarized Antipodal Linearly Tapered Slot Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2016, 64, 4178-4187.	3.1	42
17	Improved Room Temperature NO ₂ Sensing Performance of Organic Field-Effect Transistor by Directly Blending a Hole-Transporting/Electron-Blocking Polymer into the Active Layer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38280-38286.	4.0	40
18	Polymerâ€™Modified ZnO Nanoparticles as Electron Transport Layer for Polymerâ€™Based Solar Cells. <i>Advanced Functional Materials</i> , 2020, 30, 2002932.	7.8	40

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19	Nano Carbon Black-Based High Performance Wearable Pressure Sensors. <i>Nanomaterials</i> , 2020, 10, 664.	1.9	40
20	Triphenylamine/benzothiadiazole-based compounds for non-doped orange and red fluorescent OLEDs with high efficiencies and low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4921-4926.	2.7	40
21	A Compact Phase-Controlled Pattern-Reconfigurable Dielectric Resonator Antenna for Passive Wide-Angle Beam Scanning. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 2981-2986.	3.1	40
22	Pattern-Reconfigurable Dual-Polarized Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 1273-1276.	2.4	39
23	Polyaniline Nanofiber Wrapped Fabric for High Performance Flexible Pressure Sensors. <i>Polymers</i> , 2019, 11, 1120.	2.0	39
24	Controllable growth of C ₈ -BTBT single crystalline microribbon arrays by a limited solvent vapor-assisted crystallization (LSVC) method. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2419-2423.	2.7	37
25	Crystallinity and grain boundary control of TIPS-pentacene in organic thin-film transistors for the ultra-high sensitive detection of NO ₂ . <i>Journal of Materials Chemistry C</i> , 2019, 7, 10196-10202.	2.7	34
26	Novel Low Bandgap EDOT- <i>N</i> -naphthalene Bisimides Conjugated Polymers: Synthesis, Redox, and Optical Properties. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 769-775.	1.1	33
27	Enhanced Photovoltaic Properties in Sb ₂ S ₃ Planar Heterojunction Solar Cell with a Fast Selenylation Approach. <i>Nanoscale Research Letters</i> , 2018, 13, 270.	3.1	31
28	Circularly Polarized Substrate-Integrated Waveguide Tapered Slot Antenna for Millimeter-Wave Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 2358-2361.	2.4	30
29	Realizing low-voltage operating crystalline monolayer organic field-effect transistors with a low contact resistance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3436-3442.	2.7	30
30	Engineering Intrinsic Flexibility in Polycrystalline Molecular Semiconductor Films by Grain Boundary Plasticization. <i>Journal of the American Chemical Society</i> , 2020, 142, 5487-5492.	6.6	30
31	A Double Support Layer for Facile Clean Transfer of Two-Dimensional Materials for High-Performance Electronic and Optoelectronic Devices. <i>ACS Nano</i> , 2019, 13, 5513-5522.	7.3	29
32	Highly efficient ITO-free organic solar cells with a column-patterned microcavity. <i>Energy and Environmental Science</i> , 2021, 14, 3010-3018.	15.6	29
33	Circular beam-reconfigurable antenna base on graphene-metal hybrid. <i>Electronics Letters</i> , 2016, 52, 494-496.	0.5	28
34	Laser heating of metallic nanoparticles for photothermal ablation applications. <i>AIP Advances</i> , 2017, 7, .	0.6	28
35	Carbon Black from Diesel Soot for High-Performance Wearable Pressure Sensors. <i>Advanced Materials Technologies</i> , 2019, 4, 1900475.	3.0	28
36	Biocompatible and degradable gelatin dielectric based low-operating voltage organic transistors for ultra-high sensitivity NH ₃ detection. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	26

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37	Analysis and Design of a Wideband Endfire Circularly Polarized Septum Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 5783-5793.	3.1	26
38	High-Performance Organic Photodetectors by Introducing a Non-Fullerene Acceptor to Broaden Long Wavelength Detective Spectrum. Nanoscale Research Letters, 2019, 14, 201.	3.1	25
39	High-luminance perovskite light-emitting diodes with high-polarity alcohol solvent treating PEDOT:PSS as hole transport layer. Nanoscale Research Letters, 2018, 13, 128.	3.1	23
40	Cinnamate-Functionalized Natural Carbohydrates as Photopatternable Gate Dielectrics for Organic Transistors. Chemistry of Materials, 2019, 31, 7608-7617.	3.2	23
41	Automatic Premature Ventricular Contraction Detection Using Deep Metric Learning and KNN. Biosensors, 2021, 11, 69.	2.3	22
42	Control of vertical phase separation in high performance non-fullerene organic solar cell by introducing oscillating stratification preprocessing. Nano Research, 2021, 14, 1319-1325.	5.8	20
43	A Broadband Near-Field UHF RFID Reader Antenna With Low Far-Field Gain. IEEE Transactions on Antennas and Propagation, 2017, 65, 4869-4874.	3.1	19
44	Millimeter-Wave Frequency Beam Scanning Array With a Phase Shifter Based on Substrate-Integrated-Waveguide. IEEE Access, 2018, 6, 47408-47414.	2.6	19
45	3d Beam Reconfigurable THz Antenna with Graphene-Based High-Impedance Surface. Electronics (Switzerland), 2019, 8, 1291.	1.8	19
46	Copper Nanowire Dispersion through an Electrostatic Dispersion Mechanism for High-Performance Flexible Transparent Conducting Films and Optoelectronic Devices. ACS Applied Materials & Interfaces, 2019, 11, 5264-5275.	4.0	19
47	Biodegradable, Flexible, and Transparent Conducting Silver Nanowires/Polylactide Film with High Performance for Optoelectronic Devices. Polymers, 2020, 12, 604.	2.0	18
48	CNN-LSTM Prediction Method for Blood Pressure Based on Pulse Wave. Electronics (Switzerland), 2021, 10, 1664.	1.8	18
49	Graphene-metal based tunable bandpass filters in the terahertz band. IET Microwaves, Antennas and Propagation, 2016, 10, 1570-1575.	0.7	17
50	Efficiency Improvement of Planar Inverted Perovskite Solar Cells by Introducing Poly 9,9-di-octylfluorene-co-benzothiazole into Polytriarylamine as Mixed Hole-Transport Layer. Energy Technology, 2020, 8, 1901042.	1.8	17
51	Design of Optically Transparent Antenna with Directional Radiation Patterns. International Journal of Antennas and Propagation, 2017, 2017, 1-7.	0.7	16
52	A Wideband Circular-Polarized Beam Steering Dielectric Resonator Antenna Using Gravitational Ball Lens. IEEE Transactions on Antennas and Propagation, 2021, 69, 2963-2968.	3.1	16
53	Multipolarized Reader Antenna With Periodic Units Based on Electric Field Coupling for UHF RFID Near-Field Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 5265-5271.	3.1	15
54	A Wideband Contactless CPW to \sqrt{W} -Band Waveguide Transition. IEEE Microwave and Wireless Components Letters, 2019, 29, 706-709.	2.0	15

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55	Modification of the SnO ₂ Electron Transporting Layer by Using Perylene Diimide Derivative for Efficient Organic Solar Cells. <i>Frontiers in Chemistry</i> , 2021, 9, 703561.	1.8	15
56	Emission Spectral Stability Modification of Tandem Organic Light-Emitting Diodes through Controlling Charge-Carrier Migration and Outcoupling Efficiency at Intermediate/Emitting Unit Interface. <i>ACS Omega</i> , 2018, 3, 3348-3356.	1.6	14
57	Appropriate Donor-Acceptor Phase Separation Structure for the Enhancement of Charge Generation and Transport in Polymer Solar Cells. <i>Polymers</i> , 2018, 10, 332.	2.0	14
58	Origami-inspired folding assembly of dielectric elastomers for programmable soft robots. <i>Microsystems and Nanoengineering</i> , 2022, 8, 37.	3.4	14
59	Graphene-Based Transparent Conducting Electrodes for High Efficiency Flexible Organic Photovoltaics: Elucidating the Source of the Power Losses. <i>Solar Rrl</i> , 2019, 3, 1900042.	3.1	13
60	High-Performance Quasi-2D Perovskite Light-Emitting Diodes Via Poly(vinylpyrrolidone) Treatment. <i>Nanoscale Research Letters</i> , 2020, 15, 34.	3.1	13
61	Bifunctional Bis-benzophenone as A Solid Additive for Non-Fullerene Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2008699.	7.8	13
62	Compact Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 666-669.	2.4	12
63	An Ultrahigh Sensitive Paper-Based Pressure Sensor with Intelligent Thermo-therapy for Skin-Integrated Electronics. <i>Nanomaterials</i> , 2020, 10, 2536.	1.9	12
64	Wideband Circularly Polarized Septum Antenna Array With Ridge Gap Waveguide Feeding Network for Wireless Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 3882-3887.	3.1	12
65	Electromagnetic heating effect of aggregated gold nanoparticle colloids. <i>Journal of Applied Physics</i> , 2014, 115, 094903.	1.1	11
66	Effect of Vertical Annealing on the Nitrogen Dioxide Response of Organic Thin Film Transistors. <i>Nanomaterials</i> , 2018, 8, 203.	1.9	11
67	Low-Profile Circularly Polarized Staircase Curl Antenna Array With 2:1 Impedance and 50% AR Bandwidths for 5G mmW Communications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 3082-3087.	3.1	11
68	Spin-Coated CH ₃ NH ₃ PbBr ₃ Film Consisting of Micron-Scale Single Crystals Assisted with a Benzophenone Crystallizing Agent and Its Application in Perovskite Light-Emitting Diodes. <i>Nanomaterials</i> , 2018, 8, 787.	1.9	10
69	Phase Engineering for Highly Efficient Quasi-Two-Dimensional All-Inorganic Perovskite Light-Emitting Diodes via Adjusting the Ratio of Cs Cation. <i>Nanoscale Research Letters</i> , 2019, 14, 255.	3.1	10
70	Thin-Film Solar Cells of an Indium-Modified Silver Antimony Sulfide Selenide Absorber Prepared by Spray Pyrolysis. <i>Physica Status Solidi - Rapid Research Letters</i> , 2022, 16, 2100348.	1.2	10
71	Grain Boundary Control of Organic Semiconductors via Solvent Vapor Annealing for High-Sensitivity NO ₂ Detection. <i>Sensors</i> , 2021, 21, 226.	2.1	10
72	Broadband circular polarized cross bow tie antenna for terahertz range. , 2014, , .		9

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73	Effect of Crystallinity Modulation between Electron Transport Layer and Photo-Generation Materials on ZnO-Based Polymer Solar Cells. <i>Energy Technology</i> , 2019, 7, 263-268.	1.8	9
74	Characterization of the dielectric properties of water and methanol in the D-band using a quasi-optical spectroscopy. <i>Scientific Reports</i> , 2019, 9, 18562.	1.6	9
75	Processes Controlling the Distribution of Vertical Organic Composition in Organic Photodetectors by Ultrasonic-Assisted Solvent Vapor Annealing. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2188-2195.	2.0	9
76	Circular Polarized 3-D-Printed Dielectric Loaded Antenna Using Inset Waveguide-to-Dielectric Transition for 5G Millimeter-Wave Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1929-1932.	2.4	9
77	Compact Wideband Circularly Polarized Septum Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 7584-7588.	3.1	9
78	Wideband Dual Circularly Polarized Antipodal Septum Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 3549-3554.	3.1	9
79	Design of Millimeter-Wave Circularly Polarized Endfire Antenna and Multibeam Antenna Array for Wireless Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 8397-8406.	3.1	9
80	Mechanically Robust Flexible Multilayer Aramid Nanofibers and MXene Film for High-Performance Electromagnetic Interference Shielding and Thermal Insulation. <i>Nanomaterials</i> , 2021, 11, 3041.	1.9	9
81	Thin-Film Solar Cells Based on Selenized CuSbS ₂ Absorber. <i>Nanomaterials</i> , 2021, 11, 3005.	1.9	8
82	Novel Corrugated Matched Feed for Cross-Polar Cancellation in Tri-Reflector Compact Range. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 1003-1006.	2.4	7
83	Polarization rotator of arbitrary angle based on simple slot-array. <i>AIP Advances</i> , 2015, 5, .	0.6	7
84	Analysis and Design of a Novel Multiband Antenna for Mobile Terminals. <i>International Journal of Antennas and Propagation</i> , 2015, 2015, 1-9.	0.7	7
85	Design of a Compact and Low-Loss E-Band Filter Based on Multilayer Groove Gap Waveguide. <i>IEEE Microwave and Wireless Components Letters</i> , 2021, 31, 1211-1214.	2.0	7
86	Novel Pattern-Diverse Millimeter-Wave Antenna With Broadband, High-Gain, Enhanced-Coverage for Energy-Efficient Unmanned Aerial Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 4081-4087.	3.9	7
87	Novel Band Gap Waveguide for Low-Loss and Dual Band Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 2610-2621.	2.9	7
88	Design of tri-reflector Compact Antenna Test Range for millimetre/sub-millimetre wave and THz antenna measurement. , 2011, , .		6
89	A Modular Gaussian Beam Analysis Method Based on 3-D Diffraction Technique. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 362-365.	2.4	6
90	Highly Efficient and Stable Organic Solar Cells via Interface Engineering with a Nanostructured ITR-GO/PFN Bilayer Cathode Interlayer. <i>Nanomaterials</i> , 2017, 7, 233.	1.9	6

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91	Additive Modulated Perovskite Microstructures for High Performance Photodetectors. <i>Micromachines</i> , 2020, 11, 1090.	1.4	6
92	Phaseless Characterization of Compact Antenna Test Range via Improved Alternating Projection Algorithm. <i>Electronics (Switzerland)</i> , 2021, 10, 1545.	1.8	6
93	Metasurface Concept for mm-Wave Wideband Circularly Polarized Horns Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 4313-4322.	3.1	6
94	Novel Double-Ridged Waveguide Orthomode Transducer for mm-Wave Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2022, 32, 5-8.	2.0	6
95	Passivation Effect of CsPbI ₃ Quantum Dots on the Performance and Stability of Perovskite Solar Cells. <i>Photonics</i> , 2022, 9, 3.	0.9	6
96	The design and manufacture of a high frequency CATR. , 2013, , .		5
97	Straightforward impedance measurement for balanced RFID tag antenna. <i>Electronics Letters</i> , 2016, 52, 181-182.	0.5	5
98	One-Step Coating Processed Phototransistors Enabled by Phase Separation of Semiconductor and Dielectric Blend Film. <i>Micromachines</i> , 2019, 10, 716.	1.4	5
99	Flexible ITO-Free Organic Photovoltaics on Ultra-Thin Flexible Glass Substrates with High Efficiency and Improved Stability. <i>Solar Rrl</i> , 2019, 3, 1800286.	3.1	5
100	Novel optically transparent antenna for RFID smart fitting room application. , 2015, , .		4
101	Gaussian beam modes analysis for off-axis mirror with feed position displacement. , 2019, , .		4
102	Broadband Quasi-Optical Dielectric Spectroscopy for Solid and Liquid Samples. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020, 41, 810-824.	1.2	4
103	Searching for Premature Ventricular Contraction from Electrocardiogram by Using One-Dimensional Convolutional Neural Network. <i>Electronics (Switzerland)</i> , 2020, 9, 1790.	1.8	4
104	Make Highly Clustered Grid a Small World with Shorter Diameter. , 2007, , .		3
105	A dynamic traffic distribution strategy for multipath routing. , 2009, , .		3
106	Broadband MIMO PIFA antenna with circular polarization for RFID readers. , 2013, , .		3
107	Evaluation of wheat seeds by terahertz imaging. , 2013, , .		3
108	Design of a novel circularly polarized annular-ring RFID tag antenna for metallic surfaces. , 2013, , .		3

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109	Frequency selective surfaces design for a dual-channel quasi-optical system. Microwave and Optical Technology Letters, 2014, 56, 2365-2369.	0.9	3
110	Research on terahertz reflectarray based on graphene surface and PET substrate. , 2017, , .		3
111	RCS reduction study of THz microstrip antenna based on ITO absorbing structure. , 2017, , .		3
112	Perovskite Photodetectors: Efficient Visible-Near-Infrared Hybrid Perovskite:PbS Quantum Dot Photodetectors Fabricated Using an Antisolvent Additive Solution Process (Advanced Optical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617		3
113	Investigation of Energy Transfer in Star-Shaped White Polymer Light-Emitting Devices via the Time-Resolved Photoluminescence. Materials, 2018, 11, 1719.	1.3	3
114	Design of a Coaxial Feed Horn for High Efficiency Compact Antenna Test Range. , 2018, , .		3
115	Dispersed Silver Nanowires Enhance Radiofrequency Heating. IEEE Nanotechnology Magazine, 2019, 18, 279-286.	1.1	3
116	Full D-band Coplanar to Rectangular Waveguide Transition for UTC-PD Application. , 2019, , .		3
117	High-Mechanical-Resolution Pressure Sensor Based on Melt-Blown Fibers in Integrated Wearable Mask for Respiratory Monitoring. IEEE Transactions on Electron Devices, 2021, 68, 5765-5772.	1.6	3
118	AgNW/stereocomplex-type polylactide biodegradable conducting film and its application in flexible electronics. Journal of Materials Science: Materials in Electronics, 2021, 32, 6080-6093.	1.1	3
119	Passive-Shaped Beam Synthesis Using Pattern Diversity Dielectric Resonator Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1115-1119.	2.4	3
120	Application of Compact Antenna Test Range in Terahertz Antenna Measurement. , 2020, , .		3
121	Customer service enhancement using passive RFID. , 2009, , .		2
122	Design of tri-reflector Compact Antenna Test Range for THz antenna measurement. , 2012, , .		2
123	Compact multi-band planar antenna design. , 2012, , .		2
124	Quiet zone evaluation from nonredundant rectilinear data for tri-reflector compact antenna test range. , 2013, , .		2
125	Simulation of novel planar wide band antennas for terahertz imaging. , 2014, , .		2
126	Design and implementation of THz ultra Gaussian corrugated feed horn. , 2014, , .		2

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127	Novel compact monopole antennas for global navigation satellite systems. , 2015, , .		2
128	Design of a tanh profiled compact Gaussian corrugated horn for Cassegrain antenna application. , 2015, , .		2
129	Wideband circular polarized cross bow tie antenna with balun integration for X band communication. , 2015, , .		2
130	Doubleâ€square and griddedâ€square loop frequencyâ€selective surface in the Kâ€band. Microwave and Optical Technology Letters, 2018, 60, 1136-1142.	0.9	2
131	Analysis of coplanar-to-rectangular waveguide transition at D-band for UTC-PD THz source. , 2018, , .		2
132	A high-gain and broadband dielectric resonator antenna array with substrate-integrated-waveguide feed network for 67GHz. , 2018, , .		2
133	A fast analysis algorithm for 2D multi-reflector quasi-optical system based on Gaussian beam mode analysis. , 2019, , .		2
134	High speed wireless communication system at W-band. , 2019, , .		2
135	Theoretical and experimental verification of a fast twoâ€dimensional Gaussian beam mode analysis method. IET Microwaves, Antennas and Propagation, 2020, 14, 1162-1170.	0.7	2
136	A twoâ€dimensional quasiâ€optical system design method with low crossâ€polarization based on Gaussian beam mode analysis. Microwave and Optical Technology Letters, 2020, 62, 2728-2736.	0.9	2
137	A Gaussian Beam Mode Analysis Method for 3-D Multi-Reflector Quasi-Optical Systems. Electronics (Switzerland), 2021, 10, 499.	1.8	2
138	Microstructure control of organic semiconductors via UV-ozone for high-sensitivity NO2 detection. Science China Technological Sciences, 2021, 64, 1057-1064.	2.0	2
139	A Millimeter-wave Communication System Over A Cable. , 2020, , .		2
140	Axial Displaced Ellipse Reflector Antenna with Adjustable Beamwidth for E-band Wireless Link. , 2020, , .		2
141	Higher Harmonics in Free Electron Laser with a Two-Wavenumber Plane Wiggler Magnetic Field. Chinese Physics Letters, 1993, 10, 223-226.	1.3	1
142	Autonomic customer service system. , 2009, , .		1
143	An Integrated Quasi-optical Analysis Method and Its Experimental Verification. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 31, 181.	1.2	1
144	Study of a two-layer dichroic for quasioptical network. Microwave and Optical Technology Letters, 2010, 52, 900-904.	0.9	1

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145	Design of a compact tri-band planar monopole antenna. , 2012, , .		1
146	Design of a novel dual-band circularly polarized handset antenna. , 2013, , .		1
147	Circularization and collimation of elliptical Gaussian beam based on kinematic and dynamic ray tracing. , 2013, , .		1
148	MIMO antennas for mobile handsets. , 2014, , .		1
149	Design of a novel multiband antenna for mobile terminals. , 2015, , .		1
150	Numerical and experimental verification of a trireflector compact antenna test range in the terahertz band. Microwave and Optical Technology Letters, 2015, 57, 1686-1689.	0.9	1
151	Design of a 94 GHz compact corrugated horn with ultra-low sidelobe. , 2016, , .		1
152	Compact triple band antenna array for GNSS application. , 2016, , .		1
153	A wideband dual-polarized slot antenna array for high-gain millimeter-wave communications. , 2017, , .		1
154	A Gain Enhanced Dielectric Resonator Antenna Covering 62â€“78 GHz Band for 5G Applications. , 2018, , .		1
155	A circularly polarized horn antenna with elliptical waveguide polarizer. Microwave and Optical Technology Letters, 2019, 61, 2681-2686.	0.9	1
156	Effect of hydroxyl group in polymeric dielectric layer on the performance of organic thin-film transistors and their application for NO2 gas sensor. Journal of Materials Science: Materials in Electronics, 2019, 30, 20638-20645.	1.1	1
157	Synthesis, crystal structure, photoluminescence, and electroluminescence properties of a new compound containing diphenylmethylen, carbazole, and malononitrile units. Journal of Materials Research, 2019, 34, 3000-3010.	1.2	1
158	Gaussian beam modes analysis for uncertain off-axis mirror's parameters. , 2019, , .		1
159	A Magnetolectric Dipole Leaky-Wave Antenna for Open Stopband Suppression. , 2019, , .		1
160	Application of Faraday rotator in transceiver isolation system. , 2019, , .		1
161	Design of High Efficiency Linearly Polarized 8 Å— 8 Millimeter-Wave Antenna Array. , 2019, , .		1
162	Broadband Transition from Rectangular Waveguide to Groove Gap Waveguide for mm-Wave Contactless Connections. Electronics (Switzerland), 2020, 9, 1820.	1.8	1

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163	Novel UHF RFID Near-Field Reader Antenna with Uniform Vertical Electric Field Distribution. International Journal of Antennas and Propagation, 2020, 2020, 1-13.	0.7	1
164	Phase-Controlled Pattern Diversity Antenna for 360°Continuous Beam Steering. , 2020, , .		1
165	Low-loss frequency selective surface for multi-band THz transmission measurement. Microwave and Optical Technology Letters, 2020, 62, 1860-1865.	0.9	1
166	A Novel Antenna for UHF RFID Near-Field Applications. Electronics (Switzerland), 2021, 10, 1310.	1.8	1
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168	E-band high aperture efficiency reflector antenna with adjustable beamwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22817.	0.8	1
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