

Junsheng Yu

List of Publications by Year in descending order

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3119
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#	ARTICLE	IF	CITATIONS
1	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.	2.4	10
2	Novel Double-Ridged Waveguide Orthomode Transducer for mm-Wave Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2022, 32, 5-8.	3.2	6
3	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.	5.1	11
4	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.	5.1	12
5	Electronic skin as wireless human-machine interfaces for robotic VR. <i>Science Advances</i> , 2022, 8, eabl6700.	10.3	88
6	A Design Method of Three-Dimensional Multireflector Quasi-Optical Systems Based on Gaussian Beam Mode Analysis. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 798-802.	4.0	0
7	Novel Band Gap Waveguide for Low-Loss and Dual Band Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 2610-2621.	4.6	7
8	A Novel Method to Broaden the Single-Mode Bandwidth of the Rectangular Waveguide. <i>International Journal of Antennas and Propagation</i> , 2022, 2022, 1-8.	1.2	0
9	Origami-inspired folding assembly of dielectric elastomers for programmable soft robots. <i>Microsystems and Nanoengineering</i> , 2022, 8, 37.	7.0	14
10	Passivation Effect of CsPbI ₃ Quantum Dots on the Performance and Stability of Perovskite Solar Cells. <i>Photonics</i> , 2022, 9, 3.	2.0	6
11	Disordered Nano-Hemisphere Molybdenum Trioxide for Enhanced Light Out-Coupling in Organic Light-Emitting Diodes. <i>Advanced Materials Interfaces</i> , 2022, 9, 2101653.	3.7	1
12	Unified Initial Preprocessing for Phaseless Characterization of Quiet Zone in Millimeter-Wave Compact Antenna Test Range. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 1313-1317.	4.0	1
13	Highly stretchable organic electrochemical transistors with strain-resistant performance. <i>Nature Materials</i> , 2022, 21, 564-571.	27.5	86
14	Contactless Air-Filled Mode Selective Transmission Line. <i>IEEE Microwave and Wireless Components Letters</i> , 2022, 32, 1291-1294.	3.2	1
15	High-Gain Dual Circularly Polarized Antenna for Air-to-Ground Wireless Link. <i>Chinese Journal of Electronics</i> , 2022, 31, 555-561.	1.5	0
16	A Wideband Circular-Polarized Beam Steering Dielectric Resonator Antenna Using Gravitational Ball Lens. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 2963-2968.	5.1	16
17	Bifunctional Bis-benzophenone as A Solid Additive for Non-Fullerene Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2008699.	14.9	13
18	Wideband Dual Circularly Polarized Antipodal Septum Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 3549-3554.	5.1	9

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19	Design of a Compact and Low-Loss E-Band Filter Based on Multilayer Groove Gap Waveguide. IEEE Microwave and Wireless Components Letters, 2021, 31, 1211-1214.	3.2	7
20	Triphenylamine/benzothiadiazole-based compounds for non-doped orange and red fluorescent OLEDs with high efficiencies and low efficiency roll-off. Journal of Materials Chemistry C, 2021, 9, 4921-4926.	5.5	40
21	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.	3.0	3
22	Design of Millimeter-Wave Circularly Polarized Endfire Antenna and Multibeam Antenna Array for Wireless Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 8397-8406.	5.1	9
23	AgNW/stereocomplex-type polylactide biodegradable conducting film and its application in flexible electronics. Journal of Materials Science: Materials in Electronics, 2021, 32, 6080-6093.	2.2	3
24	A Gaussian Beam Mode Analysis Method for 3-D Multi-Reflector Quasi-Optical Systems. Electronics (Switzerland), 2021, 10, 499.	3.1	2
25	Microstructure control of organic semiconductors via UV-ozone for high-sensitivity NO ₂ detection. Science China Technological Sciences, 2021, 64, 1057-1064.	4.0	2
26	Automatic Premature Ventricular Contraction Detection Using Deep Metric Learning and KNN. Biosensors, 2021, 11, 69.	4.7	22
27	Effect of nematic liquid crystal on light extraction in perovskite light-emitting diodes. Liquid Crystals, 2021, 48, 1633-1641.	2.2	0
28	Systematic Merging of Nonfullerene Acceptor I ⁻ -Extension and Tetrafluorination Strategies Affords Polymer Solar Cells with >16% Efficiency. Journal of the American Chemical Society, 2021, 143, 6123-6139.	13.7	125
29	Gold nanorods doping induced performance improvement of room temperature OTFT NO ₂ sensors. Nanotechnology, 2021, 32, 325503.	2.6	0
30	A Novel Antenna for UHF RFID Near-Field Applications. Electronics (Switzerland), 2021, 10, 1310.	3.1	1
31	Novel Pattern-Diverse Millimeter-Wave Antenna With Broadband, High-Gain, Enhanced-Coverage for Energy-Efficient Unmanned Aerial Vehicle. IEEE Transactions on Vehicular Technology, 2021, 70, 4081-4087.	6.3	7
32	A wideband E-plane crossover coupler for terahertz applications. China Communications, 2021, 18, 245-254.	3.2	1
33	A Compact Phase-Controlled Pattern-Reconfigurable Dielectric Resonator Antenna for Passive Wide-Angle Beam Scanning. IEEE Transactions on Antennas and Propagation, 2021, 69, 2981-2986.	5.1	40
34	Phaseless Characterization of Compact Antenna Test Range via Improved Alternating Projection Algorithm. Electronics (Switzerland), 2021, 10, 1545.	3.1	6
35	Modification of the SnO ₂ Electron Transporting Layer by Using Perylene Diimide Derivative for Efficient Organic Solar Cells. Frontiers in Chemistry, 2021, 9, 703561.	3.6	15
36	Passive-Shaped Beam Synthesis Using Pattern Diversity Dielectric Resonator Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1115-1119.	4.0	3

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37	CNN-LSTM Prediction Method for Blood Pressure Based on Pulse Wave. Electronics (Switzerland), 2021, 10, 1664.	3.1	18
38	Design of Low Cross-Polarization Tri-Reflector CATR with Standard Quadric Surfaces Working in Terahertz. Electronics (Switzerland), 2021, 10, 1727.	3.1	0
39	E-band high aperture efficiency reflector antenna with adjustable beamwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22817.	1.2	1
40	Metasurface Concept for mm-Wave Wideband Circularly Polarized Horns Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 4313-4322.	5.1	6
41	Novel phenanthro[9,10-d]imidazole-zinc complex as a host for high-performance OLEDs. Journal of Materials Science: Materials in Electronics, 2021, 32, 22459-22471.	2.2	1
42	Highly efficient ITO-free organic solar cells with a column-patterned microcavity. Energy and Environmental Science, 2021, 14, 3010-3018.	30.8	29
43	Grain Boundary Control of Organic Semiconductors via Solvent Vapor Annealing for High-Sensitivity NO2 Detection. Sensors, 2021, 21, 226.	3.8	10
44	Control of vertical phase separation in high performance non-fullerene organic solar cell by introducing oscillating stratification preprocessing. Nano Research, 2021, 14, 1319-1325.	10.4	20
45	Design of High Performance Terahertz Tri-reflector CATR with Ultra-Large Aperture. , 2021, , .		1
46	Synthesis Technology of Shaped Reflector. , 2021, , .		0
47	A Shared-Aperture Dielectric Resonator Antenna with Linear and Circular Polarization Diversity. , 2021, , .		0
48	Thin-Film Solar Cells Based on Selenized CuSbS2 Absorber. Nanomaterials, 2021, 11, 3005.	4.1	8
49	Mechanically Robust Flexible Multilayer Aramid Nanofibers and MXene Film for High-Performance Electromagnetic Interference Shielding and Thermal Insulation. Nanomaterials, 2021, 11, 3041.	4.1	9
50	A Novel Mode-Selective Transmission Line with low loss Using Glide-symmetric holey structure. , 2021, , .		0
51	A Method for Sensing the Liquid in Infusion Bag. , 2021, , .		0
52	Wideband Millimeter-wave Slot Antenna Using Dielectric Cover for Gain Enhancement. , 2021, , .		0
53	A W-band Dielectric Loaded Antenna with Sum and Difference Beams for Unmanned Aerial Vehicle. , 2021, , .		0
54	Efficiency Improvement of Planar Inverted Perovskite Solar Cells by Introducing Poly 9,9-bis(2-diocetylfluorene-5-yl)-2,2,5,5-tetramethyl-1,1'-diphenylmethane-benzothiazole into Polytriarylamine as Mixed Hole-Transport Layer. Energy Technology, 2020, 8, 1901042.	3.8	17

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55	Millimeter-Wave Rectangular Dielectric Resonator Antenna Array With Enlarged DRA Dimensions, Wideband Capability, and High-Gain Performance. IEEE Transactions on Antennas and Propagation, 2020, 68, 3271-3276.	5.1	51
56	Relieving the Photosensitivity of Organic Field-Effect Transistors. Advanced Materials, 2020, 32, e1906122.	21.0	61
57	Dielectric Resonator Antenna Fed by the Surface-wave Goubau line. , 2020, , .		0
58	Broadband Quasi-Optical Dielectric Spectroscopy for Solid and Liquid Samples. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 810-824.	2.2	4
59	Broadband Transition from Rectangular Waveguide to Groove Gap Waveguide for mm-Wave Contactless Connections. Electronics (Switzerland), 2020, 9, 1820.	3.1	1
60	Recent progress in chemical gas sensors based on organic thin film transistors. Journal of Materials Chemistry C, 2020, 8, 13482-13500.	5.5	50
61	Novel UHF RFID Near-Field Reader Antenna with Uniform Vertical Electric Field Distribution. International Journal of Antennas and Propagation, 2020, 2020, 1-13.	1.2	1
62	Theoretical and experimental verification of a fast two-dimensional Gaussian beam mode analysis method. IET Microwaves, Antennas and Propagation, 2020, 14, 1162-1170.	1.4	2
63	Additive Modulated Perovskite Microstructures for High Performance Photodetectors. Micromachines, 2020, 11, 1090.	2.9	6
64	An Ultrahigh Sensitive Paper-Based Pressure Sensor with Intelligent Thermotherapy for Skin-Integrated Electronics. Nanomaterials, 2020, 10, 2536.	4.1	12
65	Searching for Premature Ventricular Contraction from Electrocardiogram by Using One-Dimensional Convolutional Neural Network. Electronics (Switzerland), 2020, 9, 1790.	3.1	4
66	Phase-Controlled Pattern Diversity Antenna for 360°Continuous Beam Steering. , 2020, , .		1
67	Polymer-Modified ZnO Nanoparticles as Electron Transport Layer for Polymer-Based Solar Cells. Advanced Functional Materials, 2020, 30, 2002932.	14.9	40
68	Biodegradable, Flexible, and Transparent Conducting Silver Nanowires/Polylactide Film with High Performance for Optoelectronic Devices. Polymers, 2020, 12, 604.	4.5	18
69	Processes Controlling the Distribution of Vertical Organic Composition in Organic Photodetectors by Ultrasonic-Assisted Solvent Vapor Annealing. ACS Applied Electronic Materials, 2020, 2, 2188-2195.	4.3	9
70	Circular Polarized 3-D-Printed Dielectric Loaded Antenna Using Inset Waveguide-to-Dielectric Transition for 5G Millimeter-Wave Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1929-1932.	4.0	9
71	High-Performance Quasi-2D Perovskite Light-Emitting Diodes Via Poly(vinylpyrrolidone) Treatment. Nanoscale Research Letters, 2020, 15, 34.	5.7	13
72	A two-dimensional quasi-optical system design method with low cross-polarization based on Gaussian beam mode analysis. Microwave and Optical Technology Letters, 2020, 62, 2728-2736.	1.4	2

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73	Engineering Intrinsic Flexibility in Polycrystalline Molecular Semiconductor Films by Grain Boundary Plasticization. Journal of the American Chemical Society, 2020, 142, 5487-5492.	13.7	30
74	Low-loss frequency selective surface for multi-band THz transmission measurement. Microwave and Optical Technology Letters, 2020, 62, 1860-1865.	1.4	1
75	Highly Integrated Resonant Tunneling Diode with Rectangular Waveguide Output for W-Band Communication System. Electronics (Switzerland), 2020, 9, 485.	3.1	0
76	Compact Wideband Circularly Polarized Septum Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 7584-7588.	5.1	9
77	A Gaussian Beam Method for Push-Broom Antenna Design. IEEE Transactions on Antennas and Propagation, 2020, 68, 8144-8149.	5.1	0
78	Nano Carbon Black-Based High Performance Wearable Pressure Sensors. Nanomaterials, 2020, 10, 664.	4.1	40
79	A Millimeter-wave Communication System Over A Cable. , 2020, , .		2
80	Wideband Circularly Polarized Parallel-Plate Antenna for Millimeter-wave Applications. , 2020, , .		0
81	Comparison of Metal and Dielectric Millimeter-wave Antennas in 3D Printed Complementary Structures. , 2020, , .		1
82	A Circularly Polarized Horn Antenna for the Compact Antenna Test Range. , 2020, , .		0
83	Application of Compact Antenna Test Range in Terahertz Antenna Measurement. , 2020, , .		3
84	Miniaturized Magnetoelectric Antenna Based on FBAR Structured Acoustic Excitation. , 2020, , .		0
85	A Wideband Circularly Polarized Cassegrain Antenna. , 2020, , .		0
86	Axial Displaced Ellipse Reflector Antenna with Adjustable Beamwidth for E-band Wireless Link. , 2020, , .		2
87	A Millimeter-Wave Slot Antenna Array Radiating Sum and Difference Beams with Suppressed Sidelobe. , 2020, , .		1
88	Circularly Polarized Dielectric Resonator Antenna with Continuous Beam Steering. , 2020, , .		0
89	A Novel Multi-polarization UHF RFID Reader Antenna for Near-field Applications. , 2020, , .		1
90	Effect of Crystallinity Modulation between Electron Transport Layer and Photo-generation Materials on ZnO-based Polymer Solar Cells. Energy Technology, 2019, 7, 263-268.	3.8	9

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91	Cinnamate-Functionalized Natural Carbohydrates as Photopatternable Gate Dielectrics for Organic Transistors. Chemistry of Materials, 2019, 31, 7608-7617.	6.7	23
92	Phase Engineering for Highly Efficient Quasi-Two-Dimensional All-Inorganic Perovskite Light-Emitting Diodes via Adjusting the Ratio of Cs Cation. Nanoscale Research Letters, 2019, 14, 255.	5.7	10
93	Polyaniline Nanofiber Wrapped Fabric for High Performance Flexible Pressure Sensors. Polymers, 2019, 11, 1120.	4.5	39
94	A circularly polarized horn antenna with elliptical waveguide polarizer. Microwave and Optical Technology Letters, 2019, 61, 2681-2686.	1.4	1
95	High-Performance Organic Photodetectors by Introducing a Non-Fullerene Acceptor to Broaden Long Wavelength Detective Spectrum. Nanoscale Research Letters, 2019, 14, 201.	5.7	25
96	Phase Separation of P3HT/PMMA Blend Film for Forming Semiconducting and Dielectric Layers in Organic Thin-Film Transistors for High-Sensitivity NO ₂ Detection. ACS Applied Materials & Interfaces, 2019, 11, 44521-44527.	8.0	49
97	3d Beam Reconfigurable THz Antenna with Graphene-Based High-Impedance Surface. Electronics (Switzerland), 2019, 8, 1291.	3.1	19
98	Carbon Black from Diesel Soot for High-Performance Wearable Pressure Sensors. Advanced Materials Technologies, 2019, 4, 1900475.	5.8	28
99	Effect of hydroxyl group in polymeric dielectric layer on the performance of organic thin-film transistors and their application for NO ₂ gas sensor. Journal of Materials Science: Materials in Electronics, 2019, 30, 20638-20645.	2.2	1
100	One-Step Coating Processed Phototransistors Enabled by Phase Separation of Semiconductor and Dielectric Blend Film. Micromachines, 2019, 10, 716.	2.9	5
101	Optimization algorithm of Gaussian beam expansion Based on Point matching. , 2019, , .		0
102	A Wideband Dual-Circular-Polarization Horn Antenna for mmWave Wireless Communications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1726-1730.	4.0	44
103	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.	5.1	15
104	Highly efficient prismatic perovskite solar cells. Energy and Environmental Science, 2019, 12, 929-937.	30.8	54
105	Flexible ITO-Free Organic Photovoltaics on Ultra-Thin Flexible Glass Substrates with High Efficiency and Improved Stability. Solar Rrl, 2019, 3, 1800286.	5.8	5
106	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.	2.6	1
107	Crystallinity and grain boundary control of TIPS-pentacene in organic thin-film transistors for the ultra-high sensitive detection of NO ₂ . Journal of Materials Chemistry C, 2019, 7, 10196-10202.	5.5	34
108	A Double Support Layer for Facile Clean Transfer of Two-Dimensional Materials for High-Performance Electronic and Optoelectronic Devices. ACS Nano, 2019, 13, 5513-5522.	14.6	29

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109	Graphene-Based Transparent Conducting Electrodes for High Efficiency Flexible Organic Photovoltaics: Elucidating the Source of the Power Losses. Solar Rrl, 2019, 3, 1900042.	5.8	13
110	Dispersed Silver Nanowires Enhance Radiofrequency Heating. IEEE Nanotechnology Magazine, 2019, 18, 279-286.	2.0	3
111	Realizing low-voltage operating crystalline monolayer organic field-effect transistors with a low contact resistance. Journal of Materials Chemistry C, 2019, 7, 3436-3442.	5.5	30
112	Gaussian beam modes analysis for uncertain off-axis mirror's parameters. , 2019, , .		1
113	A fast analysis algorithm for 2D multi-reflector quasi-optical system based on Gaussian beam mode analysis. , 2019, , .		2
114	A Magnetoelectric Dipole Leaky-Wave Antenna for Open Stopband Suppression. , 2019, , .		1
115	High speed wireless communication system at W-band. , 2019, , .		2
116	Design of a Passive RFID Yagi-Uda Sensor Tag Antenna. , 2019, , .		0
117	Gaussian beam modes analysis for off-axis mirror with feed position displacement. , 2019, , .		4
118	Analysis of Location Errors between Components in Large-Aperture Compact Antenna Test Range. , 2019, , .		0
119	Application of Faraday rotator in transceiver isolation system. , 2019, , .		1
120	Design of High Efficiency Linearly Polarized 8 Å— 8 Millimeter-Wave Antenna Array. , 2019, , .		1
121	A Wideband Contactless CPW to \sqrt{W}/\sqrt{S} -Band Waveguide Transition. IEEE Microwave and Wireless Components Letters, 2019, 29, 706-709.	3.2	15
122	Characterization of the dielectric properties of water and methanol in the D-band using a quasi-optical spectroscopy. Scientific Reports, 2019, 9, 18562.	3.3	9
123	Full D-band Coplanar to Rectangular Waveguide Transition for UTC-PD Application. , 2019, , .		3
124	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.	8.0	19
125	Binary Solvent Additives Treatment Boosts the Efficiency of PTB7:PCBM Polymer Solar Cells to Over 9.5%. Solar Rrl, 2018, 2, 1700144.	5.8	47
126	Compact Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 666-669.	4.0	12

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127	Controllable growth of C ₈ -BTBT single crystalline microribbon arrays by a limited solvent vapor-assisted crystallization (LSVC) method. Journal of Materials Chemistry C, 2018, 6, 2419-2423.	5.5	37
128	High-luminance perovskite light-emitting diodes with high-polarity alcohol solvent treating PEDOT:PSS as hole transport layer. Nanoscale Research Letters, 2018, 13, 128.	5.7	23
129	Double-square and gridded-square loop frequency-selective surface in the K _a band. Microwave and Optical Technology Letters, 2018, 60, 1136-1142.	1.4	2
130	Emission Spectral Stability Modification of Tandem Organic Light-Emitting Diodes through Controlling Charge-Carrier Migration and Outcoupling Efficiency at Intermediate/Emitting Unit Interface. ACS Omega, 2018, 3, 3348-3356.	3.5	14
131	Design of A Broadband Vertically Polarized Omnidirectional Array Based on Vivaldi Antenna. , 2018, , .		0
132	A SIW Based Millimeter-Wave Slot Antenna with Circular Polarization. , 2018, , .		0
133	Design of Ultra-Wideband Optically Transparent Antenna. , 2018, , .		0
134	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 50 457		0
135	Biocompatible and degradable gelatin dielectric based low-operating voltage organic transistors for ultra-high sensitivity NH ₃ detection. Applied Physics Letters, 2018, 113, .	3.3	26
136	A Gain Enhanced Dielectric Resonator Antenna Covering 62~78 GHz Band for 5G Applications. , 2018, , .		1
137	A Continuously Tunable Pattern Reconfigurable Dielectric Resonator Antenna for IEEE 802.11ac Applications. , 2018, , .		0
138	Investigation of Energy Transfer in Star-Shaped White Polymer Light-Emitting Devices via the Time-Resolved Photoluminescence. Materials, 2018, 11, 1719.	2.9	3
139	Efficient Visible~Near-Infrared Hybrid Perovskite:PbS Quantum Dot Photodetectors Fabricated Using an Antisolvent Additive Solution Process. Advanced Optical Materials, 2018, 6, 1800979.	7.3	46
140	Supersensitive all-fabric pressure sensors using printed textile electrode arrays for human motion monitoring and human~machine interaction. Journal of Materials Chemistry C, 2018, 6, 13120-13127.	5.5	90
141	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. Nanomaterials, 2018, 8, 787.	4.1	10
142	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. ACS Applied Materials & Interfaces, 2018, 10, 38280-38286.	8.0	40
143	Millimeter-Wave Frequency Beam Scanning Array With a Phase Shifter Based on Substrate-Integrated-Waveguide. IEEE Access, 2018, 6, 47408-47414.	4.2	19
144	Enhanced Photovoltaic Properties in Sb ₂ S ₃ Planar Heterojunction Solar Cell with a Fast Selenylation Approach. Nanoscale Research Letters, 2018, 13, 270.	5.7	31

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145	Design of a Coaxial Feed Horn for High Efficiency Compact Antenna Test Range. , 2018, , .		3
146	The phase retrieval of quiet zone in CATR with G-S algorithm. , 2018, , .		0
147	Theoretical and Experimental Comparison Results of Dual-Channel 3D Quasi-Optical Network System between Frequency Selective Surface and Wire Grid Polarizer. International Journal of Antennas and Propagation, 2018, 2018, 1-18.	1.2	0
148	Analysis of coplanar-to-rectangular waveguide transition at D-band for UTC-PD THz source. , 2018, , .		2
149	Effect of Vertical Annealing on the Nitrogen Dioxide Response of Organic Thin Film Transistors. Nanomaterials, 2018, 8, 203.	4.1	11
150	Appropriate Donor-Acceptor Phase Separation Structure for the Enhancement of Charge Generation and Transport in Polymer Solar Cells. Polymers, 2018, 10, 332.	4.5	14
151	Analysis and Design of a Wideband Endfire Circularly Polarized Septum Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 5783-5793.	5.1	26
152	High Gain, Broadband and Dual-Polarized Substrate Integrated Waveguide Cavity-Backed Slot Antenna Array for 60 GHz Band. IEEE Access, 2018, 6, 31012-31022.	4.2	75
153	A high-gain and broadband dielectric resonator antenna array with substrate-integrated-waveguide feed network for 67GHz. , 2018, , .		2
154	Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna Array for 5G Applications. IEEE Journal on Selected Areas in Communications, 2017, 35, 1539-1549.	14.0	46
155	Circularly Polarized Substrate-Integrated Waveguide Tapered Slot Antenna for Millimeter-Wave Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2358-2361.	4.0	30
156	Laser heating of metallic nanoparticles for photothermal ablation applications. AIP Advances, 2017, 7, .	1.3	28
157	A Broadband Near-Field UHF RFID Reader Antenna With Low Far-Field Gain. IEEE Transactions on Antennas and Propagation, 2017, 65, 4869-4874.	5.1	19
158	A dual-polarized wideband substrate-integrated-waveguide-fed slot antenna array for 60 GHz. , 2017, , .		0
159	Design and experimental verification of wire grid polarizer on dielectric substrate for quasi-optical network system. , 2017, , .		0
160	Research on terahertz reflectarray based on graphene surface and PET substrate. , 2017, , .		3
161	Study of frequency-alterable microstrip antenna based on temperature sensing material. , 2017, , .		0
162	Study of reconfigurable circular polarization GNSS antenna. , 2017, , .		0

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163	Design of graphene terahertz reflectarray based on boron nitride substrate. , 2017, , .		0
164	Design and research of highly selective frequency selective surfaces. , 2017, , .		0
165	Parametric study on patch antenna based on silver nanowires. , 2017, , .		0
166	RCS reduction study of THz microstrip antenna based on ITO absorbing structure. , 2017, , .		3
167	A wideband dual-polarized slot antenna array for high-gain millimeter-wave communications. , 2017, , .		1
168	Highly Efficient and Stable Organic Solar Cells via Interface Engineering with a Nanostructured ITR-GO/PFN Bilayer Cathode Interlayer. Nanomaterials, 2017, 7, 233.	4.1	6
169	Design of Optically Transparent Antenna with Directional Radiation Patterns. International Journal of Antennas and Propagation, 2017, 2017, 1-7.	1.2	16
170	Investigations on Shaped Mirror Systems in Quasi-Optical Mode Converters Based on Irradiance Moments Method. International Journal of Antennas and Propagation, 2016, 2016, 1-13.	1.2	0
171	Design of a 94 GHz compact corrugated horn with ultra-low sidelobe. , 2016, , .		1
172	Compact triple band antenna array for GNSS application. , 2016, , .		1
173	Design of a broadband UHF near-field RFID reader antenna. , 2016, , .		0
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