

# Junsheng Yu

## List of Publications by Year in descending order

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245  
papers

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citations

185998

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docs citations

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times ranked

3119  
citing authors

#	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.	1.2	10
2	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
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.	3.1	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.	3.1	12
5	Electronic skin as wireless human-machine interfaces for robotic VR. <i>Science Advances</i> , 2022, 8, eabl6700.	4.7	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.	2.4	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.	2.9	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.	0.7	0
9	Origami-inspired folding assembly of dielectric elastomers for programmable soft robots. <i>Microsystems and Nanoengineering</i> , 2022, 8, 37.	3.4	14
10	Passivation Effect of CsPbI <sub>3</sub> Quantum Dots on the Performance and Stability of Perovskite Solar Cells. <i>Photonics</i> , 2022, 9, 3.	0.9	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.	1.9	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.	2.4	1
13	Highly stretchable organic electrochemical transistors with strain-resistant performance. <i>Nature Materials</i> , 2022, 21, 564-571.	13.3	86
14	Contactless Air-Filled Mode Selective Transmission Line. <i>IEEE Microwave and Wireless Components Letters</i> , 2022, 32, 1291-1294.	2.0	1
15	High-Gain Dual Circularly Polarized Antenna for Air-to-Ground Wireless Link. <i>Chinese Journal of Electronics</i> , 2022, 31, 555-561.	0.7	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.	3.1	16
17	Bifunctional Bis-benzophenone as A Solid Additive for Non-Fullerene Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2008699.	7.8	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.	3.1	9

#	ARTICLE	IF	CITATIONS
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.	2.0	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.	2.7	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.	1.6	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.	3.1	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.	1.1	3
24	A Gaussian Beam Mode Analysis Method for 3-D Multi-Reflector Quasi-Optical Systems. Electronics (Switzerland), 2021, 10, 499.	1.8	2
25	Microstructure control of organic semiconductors via UV-ozone for high-sensitivity NO <sub>2</sub> detection. Science China Technological Sciences, 2021, 64, 1057-1064.	2.0	2
26	Automatic Premature Ventricular Contraction Detection Using Deep Metric Learning and KNN. Biosensors, 2021, 11, 69.	2.3	22
27	Effect of nematic liquid crystal on light extraction in perovskite light-emitting diodes. Liquid Crystals, 2021, 48, 1633-1641.	0.9	0
28	Systematic Merging of Nonfullerene Acceptor $\pi$ -Extension and Tetrafluorination Strategies Affords Polymer Solar Cells with $\geq$ 16% Efficiency. Journal of the American Chemical Society, 2021, 143, 6123-6139.	6.6	125
29	Gold nanorods doping induced performance improvement of room temperature OTFT NO <sub>2</sub> sensors. Nanotechnology, 2021, 32, 325503.	1.3	0
30	A Novel Antenna for UHF RFID Near-Field Applications. Electronics (Switzerland), 2021, 10, 1310.	1.8	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.	3.9	7
32	A wideband E-plane crossover coupler for terahertz applications. China Communications, 2021, 18, 245-254.	2.0	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.	3.1	40
34	Phaseless Characterization of Compact Antenna Test Range via Improved Alternating Projection Algorithm. Electronics (Switzerland), 2021, 10, 1545.	1.8	6
35	Modification of the SnO <sub>2</sub> Electron Transporting Layer by Using Perylene Diimide Derivative for Efficient Organic Solar Cells. Frontiers in Chemistry, 2021, 9, 703561.	1.8	15
36	Passive-Shaped Beam Synthesis Using Pattern Diversity Dielectric Resonator Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1115-1119.	2.4	3

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37	CNN-LSTM Prediction Method for Blood Pressure Based on Pulse Wave. Electronics (Switzerland), 2021, 10, 1664.	1.8	18
38	Design of Low Cross-Polarization Tri-Reflector CATR with Standard Quadric Surfaces Working in Terahertz. Electronics (Switzerland), 2021, 10, 1727.	1.8	0
39	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
40	Metasurface Concept for mm-Wave Wideband Circularly Polarized Horns Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 4313-4322.	3.1	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.	1.1	1
42	Highly efficient ITO-free organic solar cells with a column-patterned microcavity. Energy and Environmental Science, 2021, 14, 3010-3018.	15.6	29
43	Grain Boundary Control of Organic Semiconductors via Solvent Vapor Annealing for High-Sensitivity NO <sub>2</sub> Detection. Sensors, 2021, 21, 226.	2.1	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.	5.8	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 CuSbS <sub>2</sub> Absorber. Nanomaterials, 2021, 11, 3005.	1.9	8
49	Mechanically Robust Flexible Multilayer Aramid Nanofibers and MXene Film for High-Performance Electromagnetic Interference Shielding and Thermal Insulation. Nanomaterials, 2021, 11, 3041.	1.9	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-diocetylfluorene-2,7-diyl)-benzothiazole into Polytriarylamine as Mixed Hole-Transport Layer. Energy Technology, 2020, 8, 1901042.	1.8	17

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55	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
56	Relieving the Photosensitivity of Organic Field-Effect Transistors. <i>Advanced Materials</i> , 2020, 32, e1906122.	11.1	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. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020, 41, 810-824.	1.2	4
59	Broadband Transition from Rectangular Waveguide to Groove Gap Waveguide for mm-Wave Contactless Connections. <i>Electronics (Switzerland)</i> , 2020, 9, 1820.	1.8	1
60	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
61	Novel UHF RFID Near-Field Reader Antenna with Uniform Vertical Electric Field Distribution. <i>International Journal of Antennas and Propagation</i> , 2020, 2020, 1-13.	0.7	1
62	Theoretical and experimental verification of a fast two-dimensional Gaussian beam mode analysis method. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 1162-1170.	0.7	2
63	Additive Modulated Perovskite Microstructures for High Performance Photodetectors. <i>Micromachines</i> , 2020, 11, 1090.	1.4	6
64	An Ultrahigh Sensitive Paper-Based Pressure Sensor with Intelligent Thermotherapy for Skin-Integrated Electronics. <i>Nanomaterials</i> , 2020, 10, 2536.	1.9	12
65	Searching for Premature Ventricular Contraction from Electrocardiogram by Using One-Dimensional Convolutional Neural Network. <i>Electronics (Switzerland)</i> , 2020, 9, 1790.	1.8	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. <i>Advanced Functional Materials</i> , 2020, 30, 2002932.	7.8	40
68	Biodegradable, Flexible, and Transparent Conducting Silver Nanowires/Polylactide Film with High Performance for Optoelectronic Devices. <i>Polymers</i> , 2020, 12, 604.	2.0	18
69	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
70	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
71	High-Performance Quasi-2D Perovskite Light-Emitting Diodes Via Poly(vinylpyrrolidone) Treatment. <i>Nanoscale Research Letters</i> , 2020, 15, 34.	3.1	13
72	A two-dimensional quasi-optical system design method with low cross-polarization based on Gaussian beam mode analysis. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 2728-2736.	0.9	2

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73	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
74	Low-loss frequency selective surface for multi-band THz transmission measurement. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 1860-1865.	0.9	1
75	Highly Integrated Resonant Tunneling Diode with Rectangular Waveguide Output for W-Band Communication System. <i>Electronics (Switzerland)</i> , 2020, 9, 485.	1.8	0
76	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
77	A Gaussian Beam Method for Push-Broom Antenna Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 8144-8149.	3.1	0
78	Nano Carbon Black-Based High Performance Wearable Pressure Sensors. <i>Nanomaterials</i> , 2020, 10, 664.	1.9	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 Magnetolectric 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. <i>Energy Technology</i> , 2019, 7, 263-268.	1.8	9

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91	Cinnamate-Functionalized Natural Carbohydrates as Photopatternable Gate Dielectrics for Organic Transistors. <i>Chemistry of Materials</i> , 2019, 31, 7608-7617.	3.2	23
92	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
93	Polyaniline Nanofiber Wrapped Fabric for High Performance Flexible Pressure Sensors. <i>Polymers</i> , 2019, 11, 1120.	2.0	39
94	A circularly polarized horn antenna with elliptical waveguide polarizer. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 2681-2686.	0.9	1
95	High-Performance Organic Photodetectors by Introducing a Non-Fullerene Acceptor to Broaden Long Wavelength Detective Spectrum. <i>Nanoscale Research Letters</i> , 2019, 14, 201.	3.1	25
96	Phase Separation of P3HT/PMMA Blend Film for Forming Semiconducting and Dielectric Layers in Organic Thin-Film Transistors for High-Sensitivity NO <sub>2</sub> Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 44521-44527.	4.0	49
97	3d Beam Reconfigurable THz Antenna with Graphene-Based High-Impedance Surface. <i>Electronics (Switzerland)</i> , 2019, 8, 1291.	1.8	19
98	Carbon Black from Diesel Soot for High-Performance Wearable Pressure Sensors. <i>Advanced Materials Technologies</i> , 2019, 4, 1900475.	3.0	28
99	Effect of hydroxyl group in polymeric dielectric layer on the performance of organic thin-film transistors and their application for NO <sub>2</sub> gas sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20638-20645.	1.1	1
100	One-Step Coating Processed Phototransistors Enabled by Phase Separation of Semiconductor and Dielectric Blend Film. <i>Micromachines</i> , 2019, 10, 716.	1.4	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. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1726-1730.	2.4	44
103	Multipolarized Reader Antenna With Periodic Units Based on Electric Field Coupling for UHF RFID Near-Field Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 5265-5271.	3.1	15
104	Highly efficient prismatic perovskite solar cells. <i>Energy and Environmental Science</i> , 2019, 12, 929-937.	15.6	54
105	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
106	Synthesis, crystal structure, photoluminescence, and electroluminescence properties of a new compound containing diphenylmethylene, carbazole, and malononitrile units. <i>Journal of Materials Research</i> , 2019, 34, 3000-3010.	1.2	1
107	Crystallinity and grain boundary control of TIPS-pentacene in organic thin-film transistors for the ultra-high sensitive detection of NO <sub>2</sub> . <i>Journal of Materials Chemistry C</i> , 2019, 7, 10196-10202.	2.7	34
108	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

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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.	3.1	13
110	Dispersed Silver Nanowires Enhance Radiofrequency Heating. IEEE Nanotechnology Magazine, 2019, 18, 279-286.	1.1	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.	2.7	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 Magnetolectric 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 $W$ -Band Waveguide Transition. IEEE Microwave and Wireless Components Letters, 2019, 29, 706-709.	2.0	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.	1.6	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.	4.0	19
125	Binary Solvent Additives Treatment Boosts the Efficiency of PTB7:PCBM Polymer Solar Cells to Over 9.5%. Solar Rrl, 2018, 2, 1700144.	3.1	47
126	Compact Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 666-669.	2.4	12



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127	Controllable growth of C <sub>8</sub> -BTBT single crystalline microribbon arrays by a limited solvent vapor-assisted crystallization (LSVC) method. Journal of Materials Chemistry C, 2018, 6, 2419-2423.	2.7	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.	3.1	23
129	Double-square and gridded-square loop frequency-selective surface in the K-band. Microwave and Optical Technology Letters, 2018, 60, 1136-1142.	0.9	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.	1.6	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 ETQq 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 <sub>3</sub> detection. Applied Physics Letters, 2018, 113, .	1.5	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.	1.3	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.	3.6	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.	2.7	90
141	Spin-Coated CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> 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.	1.9	10
142	Improved Room Temperature NO <sub>2</sub> 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.	4.0	40
143	Millimeter-Wave Frequency Beam Scanning Array With a Phase Shifter Based on Substrate-Integrated-Waveguide. IEEE Access, 2018, 6, 47408-47414.	2.6	19
144	Enhanced Photovoltaic Properties in Sb <sub>2</sub> S <sub>3</sub> Planar Heterojunction Solar Cell with a Fast Selenylation Approach. Nanoscale Research Letters, 2018, 13, 270.	3.1	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.	0.7	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.	1.9	11
150	Appropriate Donor-Acceptor Phase Separation Structure for the Enhancement of Charge Generation and Transport in Polymer Solar Cells. Polymers, 2018, 10, 332.	2.0	14
151	Analysis and Design of a Wideband Endfire Circularly Polarized Septum Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 5783-5793.	3.1	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.	2.6	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.	9.7	46
155	Circularly Polarized Substrate-Integrated Waveguide Tapered Slot Antenna for Millimeter-Wave Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2358-2361.	2.4	30
156	Laser heating of metallic nanoparticles for photothermal ablation applications. AIP Advances, 2017, 7, .	0.6	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.	3.1	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
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