

Yazan Al-Alem

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient Millimeter-Wave Antenna Based on the Exploitation of Microstrip Line Discontinuity Radiation. IEEE Transactions on Antennas and Propagation, 2018, 66, 2844-2852.	5.1	31
2	Wideband Millimeter-Wave Dielectric Resonator Antenna With Gain Enhancement. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2711-2715.	4.0	24
3	High-Gain 60 GHz Slot Antenna with Symmetric Radiation Characteristics. IEEE Transactions on Antennas and Propagation, 2019, 67, 2971-2982.	5.1	20
4	Highly Efficient Unpackaged 60 GHz Planar Antenna Array. IEEE Access, 2019, 7, 19033-19040.	4.2	18
5	Low-Profile Low-Cost High Gain 60 GHz Antenna. IEEE Access, 2018, 6, 13376-13384.	4.2	17
6	Low-Cost High-Gain Superstrate Antenna Array for 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1920-1923.	4.0	17
7	One-to-Two Wireless Interchip Communication Link. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2375-2378.	4.0	11
8	Low-Cost Circularly Polarized Millimeter-Wave Antenna Using 3D Additive Manufacturing. IEEE Access, 2022, 10, 20539-20546.	4.2	9
9	Enhanced Wireless Interchip Communication Performance Using Symmetrical Layers and Soft/Hard Surface Concepts. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 39-50.	4.6	8
10	High Gain Low-Cost 20 GHz Antenna Design Based on the Utilization of Diffracted Fields from Dielectric Edges. , 2021, , .		8
11	High Gain Antenna Using Dielectric Slabs and Electromagnetic Band Gap Feeding Structure. , 2021, , .		7
12	Wideband Millimeter-Wave Dielectric Resonator Antenna. , 2019, , .		6
13	Low-Cost Circularly Polarized Millimeter-Wave Antenna using 3D Additive Manufacturing Dielectric Polarizer. , 2021, , .		6
14	Efficient on-chip antenna design based on symmetrical layers for multipath interference cancellation. , 2016, , .		5
15	High Gain Millimeter-Wave Slot Antenna with Symmetric Radiation Characteristics. , 2019, , .		5
16	Semi-Analytical Model Using the Uniform Theory of Diffraction for Single Feed High Gain Antenna Structure. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2022, 7, 23-35.	2.2	5
17	Simple High Gain 60 GHz Antenna. , 2018, , .		4
18	Efficient 60 GHz Antenna Based on Open-End Microstrip Line Fringing Fields. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Enhanced DRA Gain by a Dielectric Ring for Millimeter-Wave Applications. , 2020, , .		4
20	High gain low-cost antenna based on the utilization of diffracted fields from semi-ring shape dielectric edges. Scientific Reports, 2022, 12, 6018.	3.3	4
21	Wireless Chip to Chip Communication Link Budget Enhancement Using Hard/Soft Surfaces. , 2018, , .		3
22	Truncated Phase Reversal Fresnel lens Antenna for mm-Wave Applications. , 2021, , .		3
23	Millimeter Wave High Gain Printed Monopole Antenna. , 2018, , .		2
24	Clock jitter correction circuit for high speed clock signals using delay units and time selection window. , 2016, , .		1