

Jungsuek Oh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New Design Topology of High-Q Factor Printed Base Antenna Having Unequal Width and Pitch Used for Near-Field Wireless Power Transmission. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 984-996.	5.4	1
2	Large-Aperture Metamaterial Lens Antenna for Multi-Layer MIMO Transmission for 6G. IEEE Access, 2022, 10, 20486-20495.	4.2	8
3	Automobile Laminated Glass Window Embedded Transmitarray and Ray Tracing Validation for Enhanced 5G Connectivity. IEEE Transactions on Antennas and Propagation, 2022, 70, 6671-6682.	5.1	5
4	Ultrathin High-Gain D-Band Transmitarray Based on a Spatial Filter Topology Utilizing Bonding Layer Effect. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1945-1949.	4.0	5
5	Beam-Steerable Passive Transmitarray Optimized Based on an Adjacent Algorithm. IEEE Access, 2021, 9, 28797-28804.	4.2	0
6	Miniaturized Dual-Band Broadside/Endfire Antenna-in-Package for 5G Smartphone. IEEE Transactions on Antennas and Propagation, 2021, 69, 8100-8114.	5.1	55
7	Liquid-Crystal-Based X-Band Reactively Loaded Reflectarray Unit Cell to Reduce Reflection Loss. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1898-1902.	4.0	16
8	Low Phase Noise Concurrent Dual-Band (5/7 GHz) CMOS VCO Using Gate Feedback on Nonuniformly Wound Transformer. IEEE Microwave and Wireless Components Letters, 2021, 31, 177-180.	3.2	4
9	6.5-GHz Brain Stimulation System Using Enhanced Probe Focusing and Switch-Driven Modulation. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4107-4117.	4.6	3
10	Polarization Dependent Beam Steerable Thin Lens Employing Spatial Filter Arrays. , 2020, , .		0
11	Liquid-Crystal-Embedded Aperture-Coupled Microstrip Antenna for 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1958-1962.	4.0	28
12	Semicircular Patch-Embedded Vivaldi Antenna for Miniaturized UWB Radar Sensors. Sensors, 2020, 20, 5988.	3.8	3
13	Novel Heat-Mitigating Chip-on-Probe for Brain Stimulation Behavior Experiments. Sensors, 2020, 20, 7334.	3.8	1
14	4x8 Patch Array-Fed FR4-Based Transmit Array Antennas for Affordable and Reliable 5G Beam Steering. IEEE Access, 2019, 7, 88881-88893.	4.2	9
15	Affordable Thin Lens Using Single Polarized Disparate Filter Arrays for Beyond 5G toward 6G. Sensors, 2019, 19, 3982.	3.8	1
16	Millimeter-Wave Thin Lens Using Multi-Patch Incorporated Unit Cells for Polarization-Dependent Beam Shaping. IEEE Access, 2019, 7, 45504-45511.	4.2	9
17	Practical Design Considerations for Compact Array-Fed Huygens's Dielectric Lens Antennas. Sensors, 2019, 19, 538.	3.8	1
18	Millimeter-Wave Tiny Lens Antenna Employing U-Shaped Filter Arrays for 5G. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 845-848.	4.0	28

#	ARTICLE	IF	CITATIONS
19	Millimeter-Wave Thin Lens Employing Mixed-Order Elliptic Filter Arrays. IEEE Transactions on Antennas and Propagation, 2016, 64, 3222-3227.	5.1	22
20	Millimeter-Wave Short-Focus Thin Lens Employing Disparate Filter Arrays. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1446-1449.	4.0	18