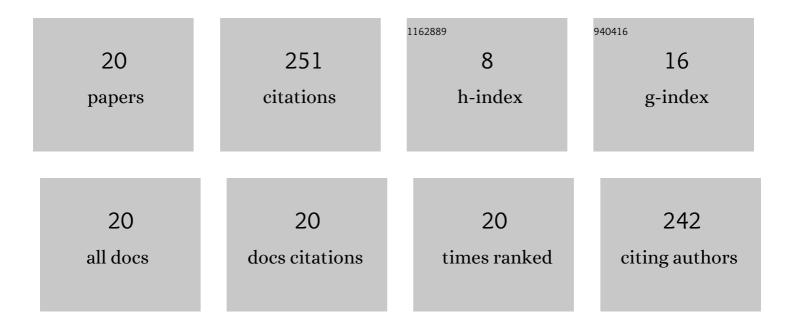
## Hyungmo Koo

List of Publications by Year in descending order

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2

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Octave Bandwidth Doherty Power Amplifier Using Multiple Resonance Circuit for the Peaking<br>Amplifier. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 583-593.      | 3.5 | 66        |
| 2  | Doherty Power Amplifier Based on the Fundamental Current Ratio for Asymmetric cells. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4190-4197.                              | 2.9 | 44        |
| 3  | 6.78 MHz Wireless Power Transmitter Based on a Reconfigurable Class–E Power Amplifier for Multiple<br>Device Charging. IEEE Transactions on Power Electronics, 2020, 35, 5907-5917.          | 5.4 | 22        |
| 4  | Broadband InGaP/GaAs HBT Power Amplifier Integrated Circuit Using Cascode Structure and Optimized Shunt Inductor. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5090-5100. | 2.9 | 20        |
| 5  | Retroreflective Transceiver Array Using a Novel Calibration Method Based on Optimum Phase<br>Searching. IEEE Transactions on Industrial Electronics, 2021, 68, 2510-2520.                    | 5.2 | 19        |
| 6  | 5.8 GHz High-Efficiency RF–DC Converter Based on Common-Ground Multiple-Stack Structure.<br>Sensors, 2019, 19, 3257.   | 2.1 | 13        |
| 7  | LUT-Based Focal Beamforming System Using 2-D Adaptive Sequential Searching Algorithm for<br>Microwave Power Transfer. IEEE Access, 2020, 8, 196024-196033.                                   | 2.6 | 11        |
| 8  | Mid-Range Wireless Power Transfer System for Various Types of Multiple Receivers Using Power<br>Customized Resonator. IEEE Access, 2021, 9, 45230-45241.                                     | 2.6 | 10        |
| 9  | High-efficiency rectifier (5.2 GHz) using a Class-FDickson charge pump. Microwave and Optical Technology Letters, 2017, 59, 3018-3023.   | 0.9 | 8         |
| 10 | GaNâ€HEMT asymmetric threeâ€way Doherty power amplifier using GPD. IET Microwaves, Antennas and Propagation, 2018, 12, 2115-2121.  | 0.7 | 7         |
| 11 | High-Efficiency Stacked Power Amplifier IC With 23% Fractional Bandwidth for Average Power<br>Tracking Application. IEEE Access, 2019, 7, 176658-176667.                                     | 2.6 | 6         |
| 12 | 5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 72316-72325.   | 2.6 | 6         |
| 13 | InGaP/GaAs HBT Broadband Power Amplifier IC with 54.3% Fractional Bandwidth Based on Cascode Structure. , 2019, , .  |     | 5         |
| 14 | Dual-Mode Supply Modulator IC With an Adaptive Quiescent Current Controller for Its Linear<br>Amplifier in LTE Mobile Power Amplifier. IEEE Access, 2021, 9, 147768-147779.                  | 2.6 | 4         |
| 15 | Frequency Selective Degeneration for 6–18 GHz GaAs pHEMT Broadband Power Amplifier Integrated Circuit. Electronics (Switzerland), 2020, 9, 1588.   | 1.8 | 3         |
| 16 | 2.4 GHz GaN HEMT Class-F Synchronous Rectifier Using an Independent Second Harmonic Tuning<br>Circuit. Sensors, 2021, 21, 1608.  | 2.1 | 2         |
| 17 | Hybrid ET Supply Modulator IC with an Adaptive Quiescent Current Controller for Its Linear Amplifier.<br>, 2021, , .   |     | 2         |
|    |  |     |           |

A Simple Phase Adaptation Algorithm for Compact Microwave Power Transmitter Array. , 2020, , .

2

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | The Demonstration of S2P (Serial-to-Parallel) Converter with Address Allocation Method Using 28 nm CMOS Technology. Applied Sciences (Switzerland), 2021, 11, 429. | 1.3 | 1         |
| 20 | Correction to "5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer― IEEE Access, 2021, 9, 83551-83551.  | 2.6 | 0         |