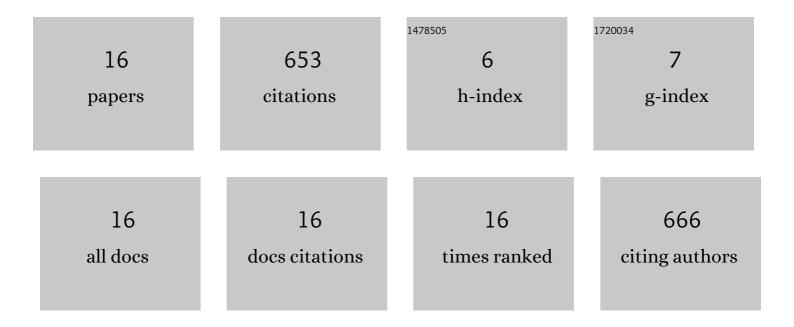
Sunkyu Kong

List of Publications by Year in descending order

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SUNKYU KONC

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Coil Design and Shielding Methods for a Magnetic Resonant Wireless Power Transfer System. Proceedings of the IEEE, 2013, 101, 1332-1342. | 21.3 | 362 |
| 2 | Thin Hybrid Metamaterial Slab With Negative and Zero Permeability for High Efficiency and Low Electromagnetic Field in Wireless Power Transfer Systems. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1001-1009. | 2.2 | 87 |
| 3 | Thin PCB-Type Metamaterials for Improved Efficiency and Reduced EMF Leakage in Wireless Power Transfer Systems. IEEE Transactions on Microwave Theory and Techniques, 2016, , 1-12. | 4.6 | 54 |
| 4 | An Investigation of Electromagnetic Radiated Emission and Interference From Multi-Coil Wireless Power Transfer Systems Using Resonant Magnetic Field Coupling. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 833-846. | 4.6 | 49 |
| 5 | Low EMF and EMI Design of a Tightly Coupled Handheld Resonant Magnetic Field (HH-RMF) Charger for Automotive Battery Charging. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1194-1206. | 2.2 | 30 |
| 6 | Three-phase magnetic field design for low EMI and EMF automated resonant wireless power transfer charger for UAV. , 2015, , . | | 19 |
| 7 | Noise Coupling Effects on CMOS Analog-to-Digital Converter in Magnetic Field Wireless Power Transfer System Using Chip-PCB Comodeling and Simulation. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 329-338. | 2.2 | 12 |
| 8 | Hybrid metamaterial with zero and negative permeability to enhance efficiency in wireless power transfer system. , 2016, , . | | 12 |
| 9 | Structure of handheld resonant magnetic coupling charger (HH-RMCC) for electric vehicle considering electromagnetic field. , 2013, , . | | 8 |
| 10 | Chip-Level Simultaneous Switching Current Measurement in Power Distribution Network Using Magnetically Coupled Embedded Current Probing Structure. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1963-1972. | 2.5 | 7 |
| 11 | Low EMF three phase resonant magnetic field charger for drone with high Q reactive loop shielding. , 2016, , . | | 6 |
| 12 | Resonance and EMI in vertical multi-coupled coils for wireless power transfer (WPT) system. , 2012, , . | | 3 |
| 13 | Leakage magnetic field reduction method using high Q multiple resonant reactive loop shielding in three-phase resonant WPT charger for drone. , 2016, , . | | 2 |
| 14 | Embedded toroidal magnetic coupling probe in multi-layer PCBs for current measurement. , 2012, , . | | 1 |
| 15 | Magnetic field coupling on analog-to-digital converter from wireless power transfer system in automotive environment. , 2013, , . | | 1 |
| 16 | Low EMI high-k tightly-coupled resonant magnetic field (TCR-HMF) charger with impedance design for a 3-wheeler vehicle. , 2017, , . | | 0 |