

Christopher T Rodenbeck

List of Publications by Year in descending order

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papers

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | An Interference-Tolerant Synchronization Scheme for Wireless Communication Systems Based on Direct Sequence Spread Spectrum. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 415-427. | 5.4 | 2 |
| 2 | Terrestrial Microwave Power Beaming. IEEE Journal of Microwaves, 2022, 2, 28-43. | 6.5 | 14 |
| 3 | Scalable, High-Sensitivity X-Band Rectenna Array for the Demonstration of Space-to-Earth Power Beaming. IEEE Access, 2021, 9, 27897-27907. | 4.2 | 9 |
| 4 | Microwave and Millimeter Wave Power Beaming. IEEE Journal of Microwaves, 2021, 1, 229-259. | 6.5 | 67 |
| 5 | Vibrometry and Sound Reproduction of Acoustic Sources on Moving Platforms Using Millimeter Wave Pulse-Doppler Radar. IEEE Access, 2020, 8, 27676-27686. | 4.2 | 10 |
| 6 | 3D-Sensing MIMO Radar for UAV Formation Flight and Obstacle Avoidance. , 2019, , . | | 8 |
| 7 | 3D ISAR Imaging Algorithm Based on Amplitude Monopulse Processing at W Band. , 2019, , . | | 1 |
| 8 | When Less Is More\$ldots\$ Few Bit ADCs in RF Systems. IEEE Access, 2019, 7, 12035-12046. | 4.2 | 13 |
| 9 | A 128-Tap Highly Tunable CMOS IF Finite Impulse Response Filter for Pulsed Radar Applications. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 1192-1203. | 3.1 | 3 |
| 10 | Practical Design Considerations for Broadband Cognitive Radio Systems: Co-existence. , 2018, , . | | 1 |
| 11 | Power Handling of Vanadium Dioxide Metal-Insulator Transition RF Limiters. , 2018, , . | | 1 |
| 12 | Practical Considerations for Broadband Cognitive Radio Systems: On-chip Spectrum Sensing. , 2018, , . | | 0 |
| 13 | A Multilook Processing Approach to 3-D ISAR Imaging Using Phased Arrays. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1412-1416. | 3.1 | 9 |
| 14 | Blocker-Tolerant and High-Sensitivity $\Delta\Sigma$ Correlation Digitizer for Radar and Coherent Receiver Applications. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3453-3463. | 4.6 | 2 |
| 15 | Low-Power C_{m} -C Filter Employing Current-Reuse Differential Difference Amplifiers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 635-639. | 3.0 | 26 |
| 16 | Corrections to "Techniques for the Analysis and Elimination of Transient Oscillations in Wideband and Ultra-Wideband Pulsed Power Amplifiers" [Oct 13 3733-3742]. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 193-193. | 4.6 | 0 |
| 17 | Model and Characterization of mVO_{2} Thin-Film Switching Devices. IEEE Transactions on Electron Devices, 2014, 61, 813-819. | 3.0 | 15 |
| 18 | Delta Modulation Technique for Improving the Sensitivity of Monobit Subsamplers in Radar and Coherent Receiver Applications. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1811-1822. | 4.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Techniques for the Analysis and Elimination of Transient Oscillations in Wideband and Ultra-Wideband Pulsed Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3733-3742. | 4.6 | 8 |
| 20 | Design of Robust On-Chip Drain Modulators for Monolithic Pulsed Power Amplifiers. IEEE Microwave and Wireless Components Letters, 2013, 23, 267-269. | 3.2 | 2 |
| 21 | Electrooptic Inspection of Vector Leakage in Radiofrequency Multichip Modules. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 1093-1099. | 2.2 | 3 |
| 22 | Band-selective interferer rejection for cognitive receiver protection. , 2013, , . | | 4 |
| 23 | A frequency selective surface with integrated limiter for receiver protection. , 2012, , . | | 11 |
| 24 | Monobit Sub-sampler for Digital Downconversion in Pulse-Doppler Radar Applications. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1036-1043. | 4.6 | 10 |
| 25 | 50-W LTCC Transmitter Utilizing 28-V GaAs With Integrated High-Speed Pulse Modulation. IEEE Microwave and Wireless Components Letters, 2009, 19, 746-748. | 3.2 | 4 |
| 26 | Electrically Small Frequency-Agile PIFA-as-a-Package for Portable Wireless Devices. IEEE Transactions on Antennas and Propagation, 2007, 55, 3310-3319. | 5.1 | 46 |
| 27 | Planar Miniature RFID Antennas Suitable for Integration With Batteries. IEEE Transactions on Antennas and Propagation, 2006, 54, 3700-3706. | 5.1 | 28 |
| 28 | Compact ring resonators using negative-refractive-index microstrip line. Microwave and Optical Technology Letters, 2005, 45, 294-295. | 1.4 | 2 |
| 29 | Bias-dependent small-signal monolithic PIN diode modeling. International Journal of RF and Microwave Computer-Aided Engineering, 2001, 11, 396-403. | 1.2 | 6 |
| 30 | Gratings and Grating Antennas. , 0, , . | | 0 |