

# Valentyn Solomko

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Linearity Analysis of High-Voltage RF Switches for Antenna Tuning Applications. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 14-23.	4.6	4
2	Penta-Band Inverted-F Antenna Tuned by High-Voltage Switchable RF Capacitors. IEEE Open Journal of Antennas and Propagation, 2021, 2, 375-384.	3.7	2
3	CMOS RF Switch With Fast Discharge Feature. IEEE Solid-State Circuits Letters, 2021, 4, 68-71.	2.0	9
4	Accurate Power Loss Measurements of Aperture Tuning RF Switches on Board. , 2021, , .		0
5	Quad-Band Inverted-F Antenna System Tuned by Hybrid C-Tuner. , 2021, , .		1
6	Considerations for Capacitance Measurements of Antenna Tuning RF Switches on Board. , 2021, , .		0
7	Hybrid C-Tuner IC for 40V/80V Antenna Aperture Tuning Applications. , 2021, , .		1
8	RF Impedance Sensor for Antenna-Tuning Front Ends. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1095-1102.	4.6	4
9	Considerations for Harmonics Distribution in Aperture-Tuned Inverted-F Antenna for Cellular Handheld Devices. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4122-4130.	4.6	10
10	Linearity Trade-offs in High-Voltage RF Switches for Antenna Tuning Applications. , 2020, , .		2
11	An RF Voltage Detector with Low Harmonic Feedback for Antenna Tuning Switches. , 2019, , .		8
12	Antenna Aperture Tuning with High-Voltage Bulk-CMOS Switch-Based RF Capacitor. , 2019, , .		5
13	Hardware Toolkit for Rapid Prototyping of Antenna Tuning Systems. , 2019, , .		5
14	Successive Approximation RF Reflectometer for Antenna Tuning in Cellular Handheld Devices. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1731-1743.	5.4	5