

# David Rotshild

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Innovative Reconfigurable Metasurface 2-D Beam-Steerable Reflector for 5G Wireless Communication. Electronics (Switzerland), 2020, 9, 1191.	3.1	15
2	Ultra-Wideband Reconfigurable X-Band and Ku-Band Metasurface Beam-Steerable Reflector for Satellite Communications. Electronics (Switzerland), 2021, 10, 2165.	3.1	13
3	Realization and validation of continuous tunable metasurface for high resolution beam steering reflector at K <sup>a</sup> -band frequency. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22559.	1.2	12
4	Wideband reconfigurable entire Ku <sup>a</sup> -band metasurface beam <sup>a</sup> -steerable reflector for satellite communications. IET Microwaves, Antennas and Propagation, 2019, 13, 334-339.	1.4	11
5	Performance Enhancement of Reconfigurable Metamaterial Reflector Antenna by Decreasing the Absorption of the Reflected Beam. Applied Sciences (Switzerland), 2021, 11, 8999.	2.5	7
6	Real-Time Metasurface Sensor for Monitoring Micropoisons in Aqueous Solutions Based on Gold Nanoparticles and Terahertz Spectroscopy. Sensors, 2022, 22, 1279.	3.8	6
7	Steer by Image Technology for Intelligent Reflecting Surface Based on Reconfigurable Metasurface with Photodiodes as Tunable Elements. Crystals, 2022, 12, 951.	2.2	1