

David Rotshild

List of Publications by Year in descending order

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