

Michele Borgese

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

646
citations

840776

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1058476

14
g-index

26
all docs

26
docs citations

26
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	Radio Frequency Identification (RFID) for Sensing. , 2023, , 375-390.		2
2	Electromagnetic Model of Reflective Intelligent Surfaces. IEEE Open Journal of the Communications Society, 2021, 2, 1577-1589.	6.9	30
3	Depolarizing Chipless Tags with Polarization Insensitive Capabilities. Electronics (Switzerland), 2021, 10, 478.	3.1	8
4	A Review of RFID Sensors, the New Frontier of Internet of Things. Sensors, 2021, 21, 3138.	3.8	112
5	Radar Cross Section of Chipless RFID Tags and BER Performance. IEEE Transactions on Antennas and Propagation, 2021, 69, 2877-2886.	5.1	19
6	Circuit Modelling of Reflecting Intelligent Surfaces. , 2021, , .		4
7	Orientation-Insensitive and Normalization-Free Reading Chipless RFID System Based on Circular Polarization Interrogation. IEEE Transactions on Antennas and Propagation, 2020, 68, 2370-2378.	5.1	41
8	A Simple Equivalent Circuit Approach for Anisotropic Frequency-Selective Surfaces and Metasurfaces. IEEE Transactions on Antennas and Propagation, 2020, 68, 7088-7098.	5.1	39
9	Systematic Design of Transmission-Type Polarization Converters Comprising Multilayered Anisotropic Metasurfaces. Physical Review Applied, 2020, 14, .	3.8	9
10	Metamaterials, Metasurfaces and Applications. , 2020, , 89-169.		6
11	EMERGENT Project: ChiplEss MultisEnsor Rfid for GrEen NeTworks. , 2019, , .		1
12	Robust Reading Approach for Moving Chipless RFID Tags by Using ISAR Processing. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 2442-2451.	4.6	27
13	Hybrid Physical Optics-MoM-Ray Tracing Method for the RCS Calculation of Electrically Large Objects Covered with Radar Absorbing Materials. , 2018, , .		7
14	Optimal Design of Miniaturized Reflecting Metasurfaces for Ultra-Wideband and Angularly Stable Polarization Conversion. Scientific Reports, 2018, 8, 7651.	3.3	31
15	Chipless Radio Frequency Identification (RFID) Sensor for Angular Rotation Monitoring. Technologies, 2018, 6, 61.	5.1	26
16	Element-Independent Design of Wide-Angle Impedance Matching Radomes by Using the Generalized Scattering Matrix Approach. IEEE Transactions on Antennas and Propagation, 2018, 66, 4708-4718.	5.1	9
17	An Inkjet Printed Chipless RFID Sensor for Wireless Humidity Monitoring. IEEE Sensors Journal, 2017, 17, 4699-4707.	4.7	132
18	Design of broadband reflecting metasurfaces for polarization conversion. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Ultra-wideband linear polarization converters based on pixelated reflecting metasurfaces. , 2017, , .		5
20	An Iterative Design Procedure for Multiband Single-Layer Reflectarrays: Design and Experimental Validation. IEEE Transactions on Antennas and Propagation, 2017, 65, 4595-4606.	5.1	15
21	Electromagnetic Characterisation of Materials by Using Transmission/Reflection (T/R) Devices. Electronics (Switzerland), 2017, 6, 95.	3.1	98
22	Element-independent design technique for wide angle impedance matching material. , 2016, , .		3
23	Multi-frequency polarizarition converter with enhanced angular robustness. , 2016, , .		3
24	Enhanced chipless RFID tags for sensors design. , 2016, , .		12
25	Multi-frequency reflection only linear polarization converters. , 2015, , .		0
26	Frequency-reconfigurable antenna for software defined radio driven by PIC microcontroller. , 2011, , .		4