

Michele Borgese

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8514069/publications.pdf>

Version: 2024-02-01

26
papers

646
citations

840776

11
h-index

1058476

14
g-index

26
all docs

26
docs citations

26
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	An Inkjet Printed Chipless RFID Sensor for Wireless Humidity Monitoring. IEEE Sensors Journal, 2017, 17, 4699-4707.	4.7	132
2	A Review of RFID Sensors, the New Frontier of Internet of Things. Sensors, 2021, 21, 3138.	3.8	112
3	Electromagnetic Characterisation of Materials by Using Transmission/Reflection (T/R) Devices. Electronics (Switzerland), 2017, 6, 95.	3.1	98
4	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
5	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
6	Optimal Design of Miniaturized Reflecting Metasurfaces for Ultra-Wideband and Angularly Stable Polarization Conversion. Scientific Reports, 2018, 8, 7651.	3.3	31
7	Electromagnetic Model of Reflective Intelligent Surfaces. IEEE Open Journal of the Communications Society, 2021, 2, 1577-1589.	6.9	30
8	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
9	Chipless Radio Frequency Identification (RFID) Sensor for Angular Rotation Monitoring. Technologies, 2018, 6, 61.	5.1	26
10	Radar Cross Section of Chipless RFID Tags and BER Performance. IEEE Transactions on Antennas and Propagation, 2021, 69, 2877-2886.	5.1	19
11	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
12	Enhanced chipless RFID tags for sensors design. , 2016, , .		12
13	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
14	Systematic Design of Transmission-Type Polarization Converters Comprising Multilayered Anisotropic Metasurfaces. Physical Review Applied, 2020, 14, .	3.8	9
15	Depolarizing Chipless Tags with Polarization Insensitive Capabilities. Electronics (Switzerland), 2021, 10, 478.	3.1	8
16	Hybrid Physical Optics-MoM-Ray Tracing Method for the RCS Calculation of Electrically Large Objects Covered with Radar Absorbing Materials. , 2018, , .		7
17	Metamaterials, Metasurfaces and Applications. , 2020, , 89-169.		6
18	Ultra-wideband linear polarization converters based on pixelated reflecting metasurfaces. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	Frequency-reconfigurable antenna for software defined radio driven by PIC microcontroller. , 2011, , .		4
20	Circuit Modelling of Reflecting Intelligent Surfaces. , 2021, , .		4
21	Element-independent design technique for wide angle impedance matching material. , 2016, , .		3
22	Multi-frequency polarizarition converter with enhanced angular robustness. , 2016, , .		3
23	Design of broadband reflecting metasurfaces for polarization conversion. , 2017, , .		3
24	Radio Frequency Identification (RFID) for Sensing. , 2023, , 375-390.		2
25	EMERGENT Project: ChiplEss MultisEnsor Rfid for GrEen NeTworks. , 2019, , .		1
26	Multi-frequency reflection only linear polarization converters. , 2015, , .		0