

Chemseddine Zebiri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	8-Port Semi-Circular Arc MIMO Antenna with an Inverted L-Strip Loaded Connected Ground for UWB Applications. Electronics (Switzerland), 2021, 10, 1476.	1.8	40
2	Impedance Bandwidth Improvement of a Planar Antenna Based on Metamaterial-Inspired T-Matching Network. IEEE Access, 2021, 9, 67916-67927.	2.6	38
3	Low-Profile and Closely Spaced Four-Element MIMO Antenna for Wireless Body Area Networks. Electronics (Switzerland), 2020, 9, 258.	1.8	38
4	UWB CPW fed 4-port connected ground MIMO antenna for sub-millimeter-wave 5G applications. AEJ - Alexandria Engineering Journal, 2022, 61, 6645-6658.	3.4	24
5	Transparent 2-Element 5G MIMO Antenna for Sub-6 GHz Applications. Electronics (Switzerland), 2022, 11, 251.	1.8	22
6	A Compact Semi-Circular and Arc-Shaped Slot Antenna for Heterogeneous RF Front-Ends. Electronics (Switzerland), 2019, 8, 1123.	1.8	20
7	Gyro-chirality effect of bianisotropic substrate on the operational of rectangular microstrip patch antenna. International Journal of Applied Electromagnetics and Mechanics, 2016, 51, 249-260.	0.3	18
8	Inverted-L Shaped Wideband MIMO Antenna for Millimeter-Wave 5G Applications. Electronics (Switzerland), 2022, 11, 1387.	1.8	17
9	Wireless Electromagnetic Radiation Assessment Based on the Specific Absorption Rate (SAR): A Review Case Study. Electronics (Switzerland), 2022, 11, 511.	1.8	14
10	Compact and Highly Sensitive Bended Microwave Liquid Sensor Based on a Metamaterial Complementary Split-Ring Resonator. Applied Sciences (Switzerland), 2022, 12, 2144.	1.3	13
11	ASYMMETRICAL EFFECTS OF BI-ANISOTROPIC SUBSTRATE-SUPERSTRATE SANDWICH STRUCTURE ON PATCH RESONATOR. Progress in Electromagnetics Research B, 2013, 49, 319-337.	0.7	12
12	SPECTRAL DOMAIN ANALYSIS OF GYROTROPIC ANISOTROPY CHIRAL EFFECT ON THE INPUT IMPEDANCE OF A PRINTED DIPOLE ANTENNA. Progress in Electromagnetics Research M, 2016, 51, 1-8.	0.5	11
13	SURFACE WAVES INVESTIGATION OF A BIANISOTROPIC CHIRAL SUBSTRATE RESONATOR. Progress in Electromagnetics Research B, 2012, 40, 399-414.	0.7	10
14	Complex Bianisotropy Effect on the Propagation Constant of a Shielded Multilayered Coplanar Waveguide Using Improved Full Generalized Exponential Matrix Technique. Electronics (Switzerland), 2020, 9, 243.	1.8	9
15	Theoretical Study of the Input Impedance and Electromagnetic Field Distribution of a Dipole Antenna Printed on an Electrical/Magnetic Uniaxial Anisotropic Substrate. Electronics (Switzerland), 2021, 10, 1050.	1.8	9
16	Analysis of the Combinatory Effect of Uniaxial Electrical and Magnetic Anisotropy on the Input Impedance and Mutual Coupling of a Printed Dipole Antenna. IEEE Access, 2021, 9, 84910-84921.	2.6	9
17	Effect of bianisotropy on the characteristic impedance of a shielded microstrip line for wideband impedance matching applications. Waves in Random and Complex Media, 2021, 31, 2452-2465.	1.6	7
18	Effect analysis of the general complex reciprocal gyro-bianisotropic metamaterial medium on the input impedance of a printed dipole antenna. AEJ - Alexandria Engineering Journal, 2022, 61, 3691-3696.	3.4	6

#	ARTICLE	IF	CITATIONS
19	GENERALIZED EXPONENTIAL MATRIX TECHNIQUE APPLICATION FOR THE EVALUATION OF THE DISPERSION CHARACTERISTICS OF A CHIRO-FERRITESHIELDED MULTILAYERED MICROSTRIP LINE. Progress in Electromagnetics Research M, 2017, 61, 1-14.	0.5	4
20	A Wide-Angle Pattern Diversity Antenna System for mmWave 5G Mobile Terminals. Electronics (Switzerland), 2022, 11, 571.	1.8	2
21	Analysis of gyrobianisotropic media effect on the input impedance, field distribution and mutual coupling of a printed dipole antenna. Scientific Reports, 2022, 12, .	1.6	0