

# Claudia Pacurar

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

183  
citations

2258059

3  
h-index

1872680

6  
g-index

49  
all docs

49  
docs citations

49  
times ranked

44  
citing authors

#	ARTICLE	IF	CITATIONS
1	STUDIES OF INDUCTANCE VARIATION FOR SQUARE SPIRAL INDUCTORS USING CIBSOC SOFTWARE. Environmental Engineering and Management Journal, 2013, 12, 1161-1169.	0.6	19
2	Inductance calculation and layout optimization for planar spiral inductors. , 2012, , .		17
3	Spiral inductors inductance computation and layout optimization. , 2012, , .		13
4	The Construction of a Wireless Power Supply System using Planar Spiral Inductors. , 2019, , .		10
5	Minimization of the equivalent parallel capacitance in planar magnetic EMI filters. , 2012, , .		9
6	The influence of ferrite on the spiral inductors inductance used for the design of wireless power systems. , 2017, , .		9
7	Evaluation of conducted disturbances from LED lamps according to EN 55015. , 2016, , .		7
8	APPLICATION OF WINDINGS SHIFTING FOR THE OPTIMIZATION OF PLANAR STRUCTURES. Environmental Engineering and Management Journal, 2013, 12, 1153-1159.	0.6	7
9	Electromagnetic interferences suppression in planar integrated devices. , 2014, , .		6
10	Spiral inductors analysis and modelling. , 2014, , .		6
11	High Frequency Analysis and Optimization of Planar Spiral Inductors Used in Microelectronic Circuits. Electronics (Switzerland), 2021, 10, 2897.	3.1	6
12	Optimum geometry for planar structures regarding their loss factor. , 2012, , .		5
13	Minimization of the equivalent parallel capacitance in planar magnetic integrated structures. , 2012, , .		5
14	High Frequency Analysis of Bowtie Antennas. , 2019, , .		5
15	Parasitic capacitance removal with an embedded ground layer. , 2013, , .		4
16	Study of conducted electromagnetic emissions of a wireless power system. , 2017, , .		4
17	High Frequency Analysis of the Influence of YagiUda Antenna on the Human head. , 2020, , .		4
18	Modeling and mitigation techniques of the magnetic integrated structures parasitic capacitance. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	Filter geometry optimization for the conduction electromagnetic interferences suppression. , 2014, , .		3
20	The influence of parameters on the parasitic capacitance values in a planar transformer. , 2015, , .		3
21	Analysis, identification and minimization the parasitic effects of the multilayer spiral inductors. , 2016, , .		3
22	Influence of the Patch Antenna Feeding on their Parameters. , 2018, , .		3
23	Numerical Modeling and Parametric Analysis of a Switched Reluctance Motor. , 2019, , .		3
24	Numerical Modelling and Analysis of Circular Patch Antenna Array for Further Use Determination. , 2021, , .		3
25	ANALYSIS AND IMPROVEMENT TECHNIQUES FOR THE TRANSFER FUNCTION OF A PLANAR LOW - PASS FILTER. Environmental Engineering and Management Journal, 2016, 15, 2579-2586.	0.6	3
26	High Frequency Analysis of the Vivaldi Antenna Parameters. , 2020, , .		3
27	The Influence of Electromagnetic Waves Emitted by PIFA Antennas on the Human Head. IFMBE Proceedings, 2022, , 77-91.	0.3	3
28	Analysis of the influence of parasitic parameters on planar transformers. , 2014, , .		2
29	The analysis of the multilayer spiral inductors parameters at high frequency. , 2017, , .		2
30	EMC Study for Different Types of Lamps with the same Luminous Flux. , 2019, , .		2
31	Modelling and Analysis of the Halbach Array Magnets. , 2019, , .		2
32	The Analysis, Modelling and Comparison between Circular and Rectangular Patch Antennas. , 2020, , .		2
33	Shape optimization approach based on the extended finite element method. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 31, 477-497.	0.9	1
34	High frequency modeling of square spiral inductor. , 2014, , .		1
35	Efficiency determination for the improvement methods used for planar structures applied on EMI filters. , 2014, , .		1
36	Home appliances conducted electromagnetic emissions analysis and mitigation methods. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	High frequency analysis of monolayer spiral inductors. , 2017, , .		1
38	Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems. , 2021, , .		1
39	Optimization of The Control Circuit of A Wireless Power Supply System. , 2021, , .		1
40	Improving EMI filters by decreasing their parasitic capacitance. , 2014, , .		0
41	Methods for planar integrated low pass filter performance improvements in high frequency. , 2014, , .		0
42	Numerical analysis and modeling of the electromagnetic interferences in integrated planar structures. , 2014, , .		0
43	High Frequency Analysis of Bandpass Filters. , 2019, , .		0
44	Numerical Modeling and Parametric Analysis of Induction Plates. , 2019, , .		0
45	Study of Electromagnetic Immunity of Motors used in Automotive Applications. , 2019, , .		0
46	The Influence of the Geometric Shapes of the Component Elements of the Planar Filter on its Parameters. , 2021, , .		0
47	Planar Spiral Inductors Parameter Extraction needed to design a Wireless Power Supply System. , 2021, , .		0
48	Analysis of Different Type of Ring Permanent Magnets in Order to Achieve an Uniform Magnetic Field Around Them. , 2020, , .		0
49	Design of Multilayer Spiral Coils with Different Geometries to Determine the Inductance. , 2020, , .		0