

# Marilena Stanculescu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1025425/publications.pdf>

Version: 2024-02-01

52  
papers

148  
citations

1937685

4  
h-index

1720034

7  
g-index

54  
all docs

54  
docs citations

54  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Electric Vehicles Charging Technologies Stationary and Dynamic. , 2019, , .		24
2	A Flexibility Market Platform for Electricity System Operators Using Blockchain Technology. Energies, 2022, 15, 539.	3.1	13
3	The influence of the alignment between receiver and transmitter coils on efficiency of wireless transfer energy. , 2016, , .		7
4	The Induction Machine Operating from a Voltage Supply, Unbalanced and Polluted with Harmonics: A Practical Approach. , 2019, , .		7
5	On Automatic Transfer Switch System Security. , 2018, , .		6
6	A Case Study of an Industrial Power Plant under Cyberattack: Simulation and Analysis. Energies, 2021, 14, 2568.	3.1	6
7	Intrusion Detection on ICS and SCADA Networks. Studies in Systems, Decision and Control, 2020, , 197-262.	1.0	5
8	Pulsed operation analysis of the thermoelectric generators used in space applications. , 2013, , .		4
9	&lt;i>"In Situ"&lt;/i> Evaluation of Ferromagnetic Bodies Magnetic Characteristics. Materials Science Forum, 0, 792, 177-182.	0.3	4
10	Issues on early cancer detection using thermographic methods. , 2017, , .		4
11	Fundamentals of Reactive Power in AC Power Systems. Power Systems, 2017, , 49-115.	0.5	4
12	A self and mutual inductance calculation resonators with finite element analysis. , 2017, , .		4
13	Power Systems Connectivity and Resiliency. Power Systems, 2019, , 45-79.	0.5	4
14	S Parameter Computation and Their Use for Electromagnetic Energy Wireless Transmission. International Journal of Computers & Technology, 2016, 15, 7097-7109.	0.2	4
15	Development Approach Model for Automotive Headlights with Mixed Delivery Methodologies over APQP Backbone. Applied Sciences (Switzerland), 2021, 11, 10581.	2.5	4
16	Using S parameters in wireless power transfer analysis. , 2017, , .		3
17	Electrical Power Systems. Power Systems, 2017, , 3-47.	0.5	3
18	Energy Storage Systems in Microgrid. Power Systems, 2020, , 177-205.	0.5	3

#	ARTICLE	IF	CITATIONS
19	Review on Electromagnetic Stimulation of Alive Tissues. The Scientific Bulletin of Electrical Engineering Faculty, 2016, .	0.6	3
20	Cardiac Stimulation Through Induced Currents. The Scientific Bulletin of Electrical Engineering Faculty, 2017, 17, 25-29.	0.6	3
21	Equipment for the magnetization characteristic evaluation of a ferromagnetic body. , 2015, , .		2
22	Analysis and design of wireless electromagnetic energy transfer systems. , 2016, , .		2
23	Parameter identification of magnetic coupled resonators in power wireless transfer systems. , 2016, , .		2
24	Experimental Results For The First Magnetization Curve Obtained Using An Original Device. , 2018, , .		2
25	Power quality analysis based on a novel nonlinear dependence between parameters of nonsinusoidal regime. , 2018, , .		2
26	Vulnerability of SCADA and Security Solutions for a Waste Water Treatment Plant. , 2019, , .		2
27	Performance Evaluation of the Three-Phase Induction Motor Operating in Conditions of Unbalanced Voltage Supply. , 2019, , .		2
28	CSAP and TFSG “ Circuit Symbolic Analysis Programs. , 2019, , .		2
29	Wireless Power Transfer Systems Optimization Using Multiple Magnetic Couplings. Electronics (Switzerland), 2021, 10, 2463.	3.1	2
30	Reduction of winding losses for trapezoidal periodic currents. , 2013, , .		1
31	The thermal field of an early breast cancer reflected on the breast surface. , 2014, , .		1
32	Analysis of wireless power transfer systems using S parameters to generate the power gains. , 2017, , .		1
33	Switched networks analysis with inconsistent initial conditions. , 2017, , .		1
34	On the Correction of the Power Factor in Modern Low-Voltage Power Electrical Installations. The Scientific Bulletin of Electrical Engineering Faculty, 2017, 17, 10-15.	0.6	1
35	On Circuit Analysis and Simulation of Networks with Nullors. , 2019, , .		1
36	Using Programmable Logic Controllers to Simulate Common Motor Load Curves in Industry. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
37	Battery Charging by Using a Multi-Tapped Secondary Coil. , 2019, , .		1
38	Optimization Methods for Wireless Power Transfer. Power Systems, 2021, , 513-543.	0.5	1
39	Circuit Analyses with Nullors. Lecture Notes in Electrical Engineering, 2018, , 91-147.	0.4	1
40	On Magnetically Coupled Coils Parameter Calculation. The Scientific Bulletin of Electrical Engineering Faculty, 2020, 20, 9-13.	0.6	1
41	Energy Consumption, Pandemic Period and Online Academic Education: Case Studies in Romanian Universities. , 2021, , .		1
42	The Numerical Calculation of HV Fuses Pre-Arcing Time in the Case of Transversal Adiabatic Proces. Materials Science Forum, 2010, 670, 526-534.	0.3	0
43	FEM analysis of the magnetic field for B-H relationship evaluation. , 2014, , .		0
44	The study of the electric field in electroplasmolysis. , 2015, , .		0
45	The use of S parameters in wireless power transfer system stability. , 2017, , .		0
46	S-parameters utilization in electrical quadrupoles analysis. , 2017, , .		0
47	The computation of the kQ-product and properties of wireless power transfer systems. , 2018, , .		0
48	Dynamic Operation of High Power Synchronous Generator in Asynchronous Regime or encountering Three-Phase Shortcircuit. , 2018, , .		0
49	Using S Parameters in Two-Port Circuit Analysis. , 2019, , .		0
50	Electrical Equipment Safety Analysis and Simulation: Case Study: Transformer's Malfunctions. , 2019, , .		0
51	Microgrid Protection. Power Systems, 2020, , 605-630.	0.5	0
52	Integrated Analog Circuits Analysis Using Companion Models. , 2021, , .		0