

# Helga Silaghi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

103  
citations

2258059

3  
h-index

1720034

7  
g-index

32  
all docs

32  
docs citations

32  
times ranked

50  
citing authors

#	ARTICLE	IF	CITATIONS
1	Field Orientation Control of a PMSM Electrical Drive System with Application in Hybrid Electric Vehicle. , 2022, , .		0
2	Preliminaries Regarding the Monitoring of the Parameters of a Separation Cascade for Isotope $^{18}\text{O}$ . , 2021, , .		2
3	Procedural and Software Development of a Jury-based Stability Analysis Method for Control Systems. , 2021, , .		0
4	Monitoring System of Production Installation for the Separation Of Isotope $^{18}\text{O}$ . , 2021, , .		1
5	The Development of an Automated Testing Machine for Test Fixtures. , 2021, , .		3
6	Entrepreneurship in the Business Market of Petroleum Products Marketing. The Scientific Bulletin of Electrical Engineering Faculty, 2021, 21, 27-30.	0.6	1
7	Automotive Lead-Acid Battery Supplied DC-DC Power Converter with Variable Output Voltage. , 2020, , .		0
8	Real Time Determination of Instantaneous Power Flow from Three-phase Electrical Circuits in Nonsymmetric Situations by Using ACE2000. , 2019, , .		0
9	Experimental Identification of the $^{13}\text{C}$ Isotope Separation Process by Cryogenic Distillation on a Two-Column Separation Cascade. , 2019, , .		1
10	Inspection Robot for Tightly and Hard to Reach Spaces. , 2019, , .		1
11	The Development of an Autonomous Maze Robot. , 2019, , .		2
12	Automatic Control of Colonoscope Movement for Modern Colonoscopy. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	2
13	Mixed Profile Method of Speed and Location for Robotic Arms Motion used for Precise Positioning. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	3
14	Real Time Computation for Robotic Arm Motion upon a Linear or Circular Trajectory. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	1
15	INTELLIGENT CONTROL OF ELECTRICAL DRIVE SYSTEM USED FOR ELECTRIC VEHICLES. The Scientific Bulletin of Electrical Engineering Faculty, 2018, 18, 5-10.	0.6	1
16	Four-Axis CNC Machine with Microcontroller for Cutting Polystyrene with Hot Wire. The Scientific Bulletin of Electrical Engineering Faculty, 2017, .	0.6	1
17	MATLAB-SIMULINK modeling for the Well Station of a Geothermal power Plant. , 2017, , .		2
18	Cartesian coordinates computation with interpolation algorithms of differential numerical analysis for industrial robot motion. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Numerical algorithms for Lyapunov stability analysis of interpolative control structures. , 2016, , .		0
20	The circulation of current components, an analyse about efficiency of electrical power consumption. , 2016, , .		1
21	Method for identifying the environmental noise model for city traffic. , 2015, , .		0
22	Analysis of two-phase asynchronous motor with non-orthogonal windings in dynamic regime. , 2015, , .		1
23	Control System Architecture for a Cement Mill Based on Fuzzy Logic. International Journal of Computers, Communications and Control, 2015, 10, 165.	1.8	16
24	Voice command of an industrial robot in a noisy environment. , 2014, , .		13
25	Approach of PID controller tuning for ball mill. , 2014, , .		4
26	Intelligent Design Environment for Second-Order Positioning Systems. International Journal of Computers, Communications and Control, 2014, 10, 38.	1.8	11
27	Procedural and software development of a Liapunov-based stability analysis method for interpolative-type control systems. , 2013, , .		9
28	Non-symmetry factor computation in three-phase systems. , 2013, , .		4
29	Issues on Applying Knowledge-Based Techniques in Real-Time Control Systems. International Journal of Computers, Communications and Control, 2012, 8, 166.	1.8	10
30	Control of flow rate with fuzzy logic for ball mill. , 2010, , .		4
31	Evaluation of hilbert space techniques and lagrange's method for the analysis of dissipated power in DC circuits. , 2009, , .		4
32	Design framework for risk mitigation in industrial PLC control. , 2008, , .		4