

C1.1. Lucrari indexate ISI Web of Knowledge - 2022

Nr.	Numele autorului/ autorilor	Titlul lucrarii	Numele Conferintei indexate ISI	ISBN/ ISSN	Paginiile	Locul in care a fost organizata Conferinta (i.e. oras, tara, perioada)	DOI
1	I.R. Birs, C.M. Ionescu, R. De Keyser, C. Copot, C.I. Muresan, B. Muresan, C.F. Caruntu	Control of Nonlinear Mechatronic Systems with Context-Dependent Varying Dynamics	13th Asian Control Conference (ASCC) / internationala	978-89-93215-23-6 / 2770-8373	1296-1301	Jeju, Korea	10.23919/ASCC56756-2022.9828218
2	Axinte, Cristian-Tiberius; Stamate, Ciprian; Lupu, Robert Gabriel; Barleanu, Alexandru; Juravle, Georgiana	A Scalable Haptic Circuit for Multi-digit Grasps	13th International Conference on Human Haptic Sensing and Touch Enabled Computer Applications (EuroHaptics)	978-3-031-06248-3 / 0302-9743	343 - 346	Hamburg, GERMANY, MAY 22-25, 2022	
3	R.G. Lazar, C.F. Caruntu, C. Patachia-Sultanoiu	Simulated and practical approach to assess the reliability of the 5G communications for the Uu interface	14th International Conference on Communications (COMM) / internationala	978-1-6654-9486-1		Bucharest, Romania	10.1109/COMM5442-9.2022.9817312
4	C. Chindrus, C.F. Caruntu	Development and Testing of a Core System for Red and Blue Scenario in Cyber Security Incidents	15th International Conference on Security of Information and Networks (SIN)	978-1-6654-5466-7		Sousse, Tunisia	10.1109/SIN56466.2022.9970546
5	Sofia Hustiu, Cristian Mahulea, Marius Kloetzer	Parallel Motion Execution and Path Rerouting for a Team of Mobile Robots	16th IFAC Workshop on Discrete Event Systems (WODES)	2405-8963	73-78	Praga, Republica Cehă	10.1016/j.ifacol.2022.10.326
6	Ferariu Lavinia Eugenia, Mihalachi Angela	Detection of Epileptic Seizures With Autoencoders Working With Multiple EEG Frames	2022 E-Health and Bioengineering Conference (EHB)	978-1-6654-8557-9	2022	Iasi, Romania	10.1109/EHB55594.2022.9991416
7	Vornicu, F.-D., Ungureanu, F.	TestBench Configurator-A Tool for Control and Measurements via Online Interface	23rd International Carpathian Control Conference, ICCC 2022	978-1-6654-6636-3	299-302	Craiova, mai 2022	10.1109/ICCC54292.2022.9805940
8	Mihalcea Marius-Alex, Pascal Carlos, Alupoaei Sebastian-Ioan	A View of the 5G Network in Iasi City for Automotive	26th International Conference on System Theory, Control and Computing (ICSTCC22)	2372-1618	601-606	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC5542-6.2022.9931887
9	G.S. Pauca, C.F. Caruntu	Automated Computing and Tracking of the Maximum Velocity on a Certain Road Sector	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	588-593	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC5542-6.2022.9931882
10	Costin M., Lazar C.	Comparative Study of Predictive Current Control Structures for a Synchronous Reluctance Machine	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	530-535	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC5542-6.2022.9931778
11	A. Chindrus, D. Copot, C.F. Caruntu	Continuous Manufacturing using Linear Quadratic Regulator in the Context of Cyber-Physical Systems	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	231-236	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC5542-6.2022.9931791
12	Ioana Hustiu, Cristian Mahulea, Marius Kloetzer	Distributing Co-safe LTL Specifications to Mobile Robots	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	306-311	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC5542-6.2022.9931878

13	Ferariu Lavinia Eugenia, Beti Iosif Alin	End-to-End Single Image Super-Resolution Based on Convolutional Neural Networks	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	277-282	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC55426.2022.9931762
14	R.G. Lazar, A.V. Militaru, C.F. Caruntu, C. Patachia-Sultanou	Performance analysis of 5G communication based on distance evaluation using the SIM8200EA-M2 module	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	37-42	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC55426.2022.9931884
15	Octavian Pastravanu; Mihaela-Hanako Matcovschi; Mihail Voicu	Test Matrices for Componentwise Asymptotic Stability of Polytopic Systems	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	25 - 30	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC55426.2022.9931859
16	O. Pauca, A. Maxim, C.F. Caruntu	Vehicle Trajectory Planning for Collision Avoidance with Mobile Obstacles	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	607-612	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC55426.2022.9931808
17	Ionut-Alexandru Baltariu, Cătălin Mironeanu	Component generator for the development of RESTful APIs	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	123-128	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC55426.2022.9931876
18	Florin Leon, Petru Cascaval	Search Algorithm for Optimal Synthesis of Decoder for RAMs with Error-Correcting Codes	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	625-632	Sinaia, Romania, oct. 2022	10.1109/ICSTCC55426.2022.9931899
19	M. Gavrilescu, F. Leon	Using Knowledge Transfer for Neural Network Architecture Optimization with Improved Training Efficiency	26th International Conference on System Theory, Control and Computing (ICSTCC22)	978-1-6654-6746-9	271-276	Sinaia, Romania, 19-21 Octombrie 2022	10.1109/ICSTCC55426.2022.9931898
20	O. Pauca, A. Maxim, C.F. Caruntu	Communication topologies evaluation for a vehicle merging into a platoon on highway	30th Mediterranean Conference on Control and Automation (MED)	978-1-6654-0673-4 / 2473-3504	957-962	Atena, Grecia, 28 Iunie 1 Iulie, 2022	10.1109/MED54222.2022.9837195
21	A. Baciu, C. Lazar, C.F. Caruntu	Model-free iPI controller design and application to a thermal plant	30th Mediterranean Conference on Control and Automation (MED)	978-1-6654-0673-4 / 2473-3504	205-210	Atena, Grecia, 28 Iunie 1 Iulie, 2022	10.1109/MED54222.2022.9837054
22	Maxim A., Pauca O., Maestre J.M., Caruntu C.F.,	Assessment of computation methods for coalitional feedback controllers	European Control Conference (ECC)	978-1-6654-9733-6	1448--1453	Londra (Regatul Unit al Marii Britanii), Iulie 12-15	10.23919/ECC55457.2022.9838577
23	Sofia Hustiu, Marius Kloetzer, Alejandro Lopez-Martinez, Cristian Mahulea	Whitening of greenhouse's roof using drones and Petri net models	IEEE 27th International Conference on Emerging Technologies and Factory Automation (ETFA), internatională	978-1-6654-9997-2		Stuttgart, Germany, 2022	10.1109/ETFA52439.2022.9921482
24	Răzvan Mocanu, Alexandru Onea	Model-free Control Under Passivity Constraint Applied to BLDC control	26th International Conference on System Theory, Control and Computing (ICSTCC)	978-1-6654-6746-9	2372-1618	Sinaia, Romania, 19-21 October 2022	10.1109/ICSTCC55426.2022.9931864
25	Răzvan Mocanu, Alexandru Onea	Model-free Control of Passive Systems with Application to In-Wheel Synchronous Machine Control	International Symposium on Industrial Electronics (ISIE)	978-1-6654-8240-0	06-Jan	Anchorage, AK, USA, 01-03 June 2022	10.1109/ISIE51582.2022.9831679