

C1.1. Conference papers indexed in Web of Science (ISI Proceedings) - 2018

No.	Authors	Title	Conference	Volume	Pages
1	Emanuele Vitolo, Cristian Mahulea, Marius Kloetzer	Path-planning in Discretized Environments with Optimized Waypoints Computation	IEEE 23rd International Conference on Emerging Technologies and Factory Automation (ETFA)	Proc. of ETFA 2018	729-735
2	Corneliu Lazar, Alexandru Tiganasu, Constantin Florin Caruntu	Arterial Intersection Improvement by Using Vehicle Platooning and Coordinated Start	15th IFAC Symposium on Control in Transportation Systems (CTS)	IFAC-PapersOnLine, Volume 51, Issue 9, 2018	136-141
3	Octavian Pastravanu, Mihaela-Hanako Matcovschi	Diagonally Weighted Holder Norms as Lyapunov Functions for Arbitrary Switching Linear Systems - Discrete-Time Case	IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	Proc. of AQTR 2018	1-6
4	Octavian Pastravanu, Mihaela-Hanako Matcovschi	Comments and Expansion of a Result on Common Diagonal Quadratic Lyapunov Functions for Sets of Positive LTI Systems	IEEE 12th International Symposium on Applied Computational Intelligence and Informatics (SACI)	Proc. of SACI 2018	297-302
5	Carlos Pascal, Doru Pănescu	On Increasing Adaptability of Holonic Systems	7th International Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (SOHOMA)	Service Orientation in Holonic and Multi-Agent Manufacturing, vol. 762, ISBN 978-3-319-73750-8	229-242
6	Marius Pislaru, Lidia Alexa, Silvia Avasilcai	Assessment of Project Management Implementation Based On Fuzzy Logic Approach	31st International-Business-Information-Management-Association Conference	Innovation Management and Education Excellence Through Vision 2020	6079-6086
7	Lidia Alexa, Marius Pislaru, Silvia Avasilcai	Creativity as a Service - The Case of eYeka	31st International-Business-Information-Management-Association Conference	Innovation Management and Education Excellence Through Vision 2020	5171-5178
8	Ioan-Alex Alexa, Alexandru-Tudor Popovici, Alexandru Onea	A Comparative Study of EMI Generated by PWM Techniques in HEV and EV	12th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG)	Book Series: Compatibility Power Electronics and Power Engineering	1-8
9	Ioan-Alex Alexa, Stefan Daniel Puscasu, Alexandru Onea	Dynamic programming for energy management of hybrid energy supply system of electric vehicles	21st IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	Proc. of AQTR 2018	1-6
10	Constantin Florin Caruntu, Anca Maxim, Razvan Corneliu Rafaila	Multiple-Lane Vehicle Platooning based on a Multi-Agent Distributed Model Predictive Control Strategy	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	759-764
11	Adrian Alexandrescu	A Distributed Framework for Information Retrieval, Processing and Presentation of Data	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	267-272

12	Alexandru Archip, Cristian-Mihai Amarandei, Paul-Corneliu Hergehelegiu, Cătălin Mironeanu, Elena Șerban	RESTful Web Services – A Question of Standards	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	677-682
13	Lavinia Eugenia Ferariu, Simona Caraiman	Multiple-Layer Classifier with Label Correction for Semantic Segmentation	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	703-708
14	Sofia Huștiu, Marian Lupașcu, Ștefan Popescu, Adrian Burlacu, Marius Kloetzer	Stable hovering architecture for nanoquadcopter applications in indoor environments	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	659-663
15	Mastacan Lucian, Constamtin Catalin Dosoftei	Temperature Fuzzy Control System with Mamdani Controller	10th International Conference and Exposition on Electrical Engineering (EPE)	1	352-356
16	Octavian Pastravanu, Mihaela-Hanako Matcovschi, Ovidiu Pauca	Positive Interval System Dynamics Explored via Vertex Representatives vs. Vertex Majorizations	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	141 - 146
17	Mihaela-Hanako Matcovschi, Octavian Pastravanu, Mihail Voicu	Enhancing the role of column representatives in testing the invariance properties of switching system	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	129 - 134
18	Carlos Pascal, Laura Raveica, Doru Pănescu	Robotized application based on deep learning and Internet of Things	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	646-651
19	Constantin Abăceoea, Mihai Postolache	Design and Implementation of a CAN-USB Interface for Networked Embedded Systems	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	123-128
20	Alexandru Agape, Mihai Postolache	Internet-enabled Access Control System using a Mobile Application	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	244-249
21	Petru Dimitriu, Vasile-Ion Manta	Scorewriter application with features aimed at Byzantine music processing	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	385-390
22	Petru Cașcaval, Sabina-Adriana Floria	Two Approximate Approaches for Reliability Evaluation in Large Networks. Comparative Study	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	541-546
23	Liviu Țigăeru	FPGA Implementation of a Fuzzy Rule Based Contrast Enhancement System for Real Time Applications	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	117-122
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25	Tiberius Dumitriu, Corina Cîmpanu, Florina Ungureanu, Vasile-Ion Manta	Emotion Classification Techniques Based on Physiological Measures	IEEE 14th International Conference on Intelligent Computer Communication and Processing (ICCP)	1	63-70
26	Beatrice Luca ; Mitica Craus	Local search algorithms for memetic algorithms: understanding behaviors using biological intelligence	22nd International Conference on System Theory, Control and Computing (ICSTCC)	ISBN: 978-1-5386-4444-7	553-558
27	Anca Maxim, Jose M. Maestre, Constantin F. Caruntu, Corneliu Lazar	Robust coalitional distributed model predictive control algorithm with stability via terminal constraint	IEEE Conference on Control Technology and Applications (CCTA)		964-969