Dejan Dovzan

List of Publications by Year in descending order

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28	777	687363 13	888059 17
papers	citations	h-index	g-index

28	28	28	495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Implementation of an Evolving Fuzzy Model (eFuMo) in a Monitoring System for a Waste-Water Treatment Process. IEEE Transactions on Fuzzy Systems, 2015, 23, 1761-1776.	9.8	110
2	Recursive clustering based on a Gustafsonâ€“Kessel algorithm. Evolving Systems, 2011, 2, 15-24.	3.9	103
3	Recursive fuzzy c-means clustering for recursive fuzzy identification of time-varying processes. ISA Transactions, 2011, 50, 159-169.	5.7	79
4	Short-Term Load Forecasting by Separating Daily Profiles and Using a Single Fuzzy Model Across the Entire Domain. IEEE Transactions on Industrial Electronics, 2018, 65, 7406-7415.	7.9	70
5	Modeling and Validation of an Electric Arc Furnace: Part 1, Heat and Mass Transfer. ISIJ International, 2012, 52, 402-412.	1.4	62
6	Predictive functional control based on an adaptive fuzzy model of a hybrid semi-batch reactor. Control Engineering Practice, 2010, 18, 979-989.	5.5	55
7	Mathematical Modeling and Experimental Validation of an Electric Arc Furnace. ISIJ International, 2011, 51, 382-391.	1.4	46
8	Modeling and Validation of an Electric Arc Furnace: Part 2, Thermo-chemistry. ISIJ International, 2012, 52, 413-423.	1.4	36
9	Confidence-Interval-Fuzzy-Model-Based Indoor Localization. IEEE Transactions on Industrial Electronics, 2019, 66, 2015-2024.	7.9	27
10	Large-scale cyber attacks monitoring using Evolving Cauchy Possibilistic Clustering. Applied Soft Computing Journal, 2018, 62, 592-601.	7.2	25
11	Cloud-based identification of an evolving system with supervisory mechanisms. , 2014, , .		24
12	Evolving Gustafson-kessel Possibilistic c-Means Clustering. Procedia Computer Science, 2015, 53, 191-198.	2.0	21
13	Inner matrix norms in evolving Cauchy possibilistic clustering for classification and regression from data streams. Information Sciences, 2019, 478, 540-563.	6.9	19
14	Solving the sales prediction problem with fuzzy evolving methods. , 2012, , .		18
15	Fuzzy Space Partitioning Based on Hyperplanes Defined by Eigenvectors for Takagi-Sugeno Fuzzy Model Identification. IEEE Transactions on Industrial Electronics, 2020, 67, 5144-5153.	7.9	18
16	Solving the sales prediction problem with fuzzy evolving methods. , 2012, , .		13
17	Control of mineral wool thickness using predictive functional control. Robotics and Computer-Integrated Manufacturing, 2012, 28, 344-350.	9.9	9
18	Fuzzy Control of a Helio-Crane. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 72, 497-515.	3.4	8

#	Article	IF	Citations
19	Robust Evolving Fuzzy Adaptive Control With Input-domain Clustering. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5387-5392.	0.4	8
20	The design of observers for formation-flying control. Acta Astronautica, 2013, 82, 60-68.	3.2	6
21	Towards evolving fuzzy reference controller. , 2014, , .		5
22	Possible use of evolving c-regression clustering for energy consumption profiles classification. , 2015, , .		4
23	Evolving cauchy possibilistic clustering and its application to large-scale cyberattack monitoring. , 2017, , .		4
24	Fuzzy predictive functional control with adaptive fuzzy model. , 2010, , .		3
25	A 2 DOF predictive control based on evolving fuzzy model. , 2014, , .		2
26	Evolving fuzzy model in fault detection system. , 2017, , .		2
27	Evolving fuzzy model for short-term prediction of energy consumption profiles. , 2016, , .		0
28	Razvoj univerzalnega podatkovnega nivoja â€“ gonilo digitalizacije generiÄnih farmacevtskih podjetij. , 2019, , .		0