

Hannu Koivisto

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

411
citations

933447

10
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of a pressure swing adsorption unit by deep learning and artificial intelligence tools. <i>Chemical Engineering Science</i> , 2020, 224, 115801.	3.8	27
2	Optimization of a True Moving Bed unit and determination of its feasible operating region using a novel Sliding Particle Swarm Optimization. <i>Computers and Industrial Engineering</i> , 2019, 135, 368-381.	6.3	17
3	A quasi-virtual online analyser based on an artificial neural networks and offline measurements to predict purities of raffinate/extract in simulated moving bed processes. <i>Applied Soft Computing Journal</i> , 2018, 67, 29-47.	7.2	19
4	Chromatographic studies of n-Propyl Propionate: Adsorption equilibrium, modelling and uncertainties determination. <i>Computers and Chemical Engineering</i> , 2018, 119, 371-382.	3.8	15
5	Dynamics of a True Moving Bed separation process: Linear model identification and advanced process control. <i>Journal of Chromatography A</i> , 2017, 1504, 112-123.	3.7	13
6	Security solutions for smart grid feeder automation data communication. , 2016, , .		8
7	OPC UA security for protecting substation and control center data communication in the distribution domain of the smart grid. , 2015, , .		4
8	Change detection of electric customer behavior based on AMR measurements. , 2015, , .		10
9	Secure communication of smart metering data in the smart grid secondary substation. , 2015, , .		6
10	Secure integration of the Home Energy Management System to the battery management system in the customer domain of the smart grid. , 2014, , .		4
11	A Dynamically Constrained Multiobjective Genetic Fuzzy System for Regression Problems. <i>IEEE Transactions on Fuzzy Systems</i> , 2010, 18, 161-177.	9.8	123
12	Evaluating the confidence of frequency response function of a switched-mode converter using distributional models. , 2010, , .		2
13	A Genetic Fuzzy System with Inconsistent Rule Removal and Decision Tree Initialization. <i>Advances in Intelligent and Soft Computing</i> , 2009, , 275-284.	0.2	3
14	Quality management in GPRS networks with fuzzy case-based reasoning. <i>Knowledge-Based Systems</i> , 2008, 21, 421-428.	7.1	10
15	Developing a bioaerosol detector using hybrid genetic fuzzy systems. <i>Engineering Applications of Artificial Intelligence</i> , 2008, 21, 1330-1346.	8.1	36
16	Fuzzy classifier identification using decision tree and multiobjective evolutionary algorithms. <i>International Journal of Approximate Reasoning</i> , 2008, 48, 526-543.	3.3	89
17	Power study of statistical tests for network traffic change detection. , 2008, , .		0
18	Detection of Safe and Harmful Bioaerosols by Means of Fuzzy Classifiers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 12805-12812.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Identification of interpretable and accurate fuzzy classifiers and function estimators with hybrid methods. Applied Soft Computing Journal, 2007, 7, 520-533.	7.2	23