

Wojciech Tylman

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

130
citations

1478505

6
h-index

1474206

9
g-index

29
all docs

29
docs citations

29
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	A Thermal Model for Processing Data from Undergarment Sensors in Automatic Control of Actively Heated Clothing. <i>Energies</i> , 2022, 15, 169.	3.1	2
2	Detection of balance disorders using rotations around vertical axis and an artificial neural network. <i>Scientific Reports</i> , 2022, 12, 7472.	3.3	1
3	Innovative System for Evaluation and Rehabilitation of Human Imbalance. <i>Otolaryngologia Polska</i> , 2022, 76, 7-11.	0.6	1
4	Fully Automatic Fall Risk Assessment Based on a Fast Mobility Test. <i>Sensors</i> , 2021, 21, 1338.	3.8	6
5	Simulation Environment for Power Transfer States in Renewable Energy Systems. , 2019, , .		0
6	Computer Science and Philosophy: Did Plato Foresee Object-Oriented Programming?. <i>Foundations of Science</i> , 2018, 23, 159-172.	0.7	3
7	Multi-sensor Data Fusion for Object Rotation Estimation. , 2018, , .		1
8	Real-time prediction of acute cardiovascular events using hardware-implemented Bayesian networks. <i>Computers in Biology and Medicine</i> , 2016, 69, 245-253.	7.0	22
9	Examples of medical software and hardware expert systems for dysfunction analysis and treatment. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2015, 28, 29-50.	0.9	0
10	Leak Detection in Slow Oscillation High-Pressure Fluid-Filled Circuits. <i>IEEE Transactions on Power Delivery</i> , 2014, 29, 769-776.	4.3	2
11	Decision Support System for Real-Time Monitoring of Patients with Cardiovascular Risks. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 293-302.	0.6	1
12	SCADA Intrusion Detection Based on Modelling of Allowed Communication Patterns. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 489-500.	0.6	5
13	System for Estimation of Patient's State – Discussion of the Approach. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 501-511.	0.6	1
14	Native Support for Modbus RTU Protocol in Snort Intrusion Detection System. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 479-487.	0.6	4
15	Misuse-based intrusion detection using Bayesian networks. <i>International Journal of Critical Computer-Based Systems</i> , 2010, 1, 178.	0.1	3
16	Fully automatic AI-based leak detection system. <i>Energy</i> , 2010, 35, 3838-3848.	8.8	11
17	Application of continuous probabilistic networks to leak detection in pipe-type cable installations. , 2010, , .		0
18	Detecting Small Fluid Leaks in Pipe-Type Cable Installations. <i>IEEE Transactions on Power Delivery</i> , 2010, 25, 279-288.	4.3	6

#	ARTICLE	IF	CITATIONS
19	Detecting Computer Intrusions with Bayesian Networks. Lecture Notes in Computer Science, 2009, , 82-91.	1.3	3
20	Data Mining Techniques for Semi-automatic Signature Generation. , 2009, , .		1
21	Anomaly-Based Intrusion Detection Using Bayesian Networks. , 2008, , .		16
22	Misuse-Based Intrusion Detection Using Bayesian Networks. , 2008, , .		10
23	Application of probabilistic networks for decision support in power system analysis. Energy, 2006, 31, 2874-2889.	8.8	9
24	Novel Leak Detection System for Pipe Type Cable Installations. IEEE Transactions on Power Delivery, 2006, 21, 1028-1034.	4.3	9
25	Infrared Detection of Delaminations Using Induction Heating. IEEE Transactions on Components and Packaging Technologies, 2004, 27, 112-116.	1.3	6
26	Thermal wave and acoustic investigation of thyristor structures. Review of Scientific Instruments, 2003, 74, 526-528.	1.3	0
27	Investigation of metal-glaze structures with photoacoustic and infrared methods. Review of Scientific Instruments, 2003, 74, 533-535.	1.3	1
28	Signal Conditioning Based On Programmable Analog Circuits. , 0, , .		0
29	Implementation Of Bayesian Network In FPGA Circuit. , 0, , .		6