## Tomasz Krolikowski

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Finite State Machine Based Modelling of Discrete Control Algorithm in LAD Diagram Language With Use of New Generation Engineering Software. Procedia Computer Science, 2019, 159, 2560-2569.	2.0	22
2	Selected reflections on formal modeling in Industry 4.0. Procedia Computer Science, 2020, 176, 3293-3300.	2.0	17
3	Computer modeling and testing of structural metamaterials. Procedia Computer Science, 2019, 159, 2543-2550.	2.0	16
4	The Production Quality Control Process, Enhanced with Augmented Reality Glasses and the New Generation Computing Support System. Procedia Computer Science, 2020, 176, 3618-3625.	2.0	16
5	Decision Support in Selecting a Reliable Strategy for Sustainable Urban Transport Based on Laplacian Energy of T-Spherical Fuzzy Graphs. Energies, 2022, 15, 4970.	3.1	15
6	Finding Temperature Distribution at Heat Recovery Unit Using Genetic Algorithms. Procedia Computer Science, 2017, 112, 2382-2390.	2.0	13
7	A Concept of a Training Project IT Management System. Procedia Computer Science, 2019, 159, 1468-1478.	2.0	13
8	Thermo-mechanic tests using 3d printed elements. Procedia Computer Science, 2019, 159, 2551-2559.	2.0	13
9	On some aspects of Concurrent Control Processes Modelling and Implementation in LAD Diagram Language With Use of New Generation Engineering Software. Procedia Computer Science, 2020, 176, 2173-2183.	2.0	12
10	Dynamics of changes in Poland in the light of the Industry 4.0. Procedia Computer Science, 2021, 192, 4128-4137.	2.0	10
11	Optimization of multilayer rail substrate under moving load, using metamaterials Procedia Computer Science, 2020, 176, 3399-3406.	2.0	9
12	Gait Recognition: A Challenging Task for MEMS Signal Identification. Smart Innovation, Systems and Technologies, 2019, , 473-483.	0.6	9
13	Operational Properties Investigation of The Flat-Plate Solar Collector with Poliuretane Foam Insulation. Procedia Computer Science, 2019, 159, 1730-1739.	2.0	8
14	TISAX - optimization of IT risk management in the automotive industry. Procedia Computer Science, 2021, 192, 4259-4268.	2.0	8
15	IPNES - Interpreted Petri Net for Embedded Systems. Procedia Computer Science, 2021, 192, 2012-2021.	2.0	7
16	Investigation of Anti-Lock Braking System failures using wavelet analysis. Procedia Computer Science, 2021, 192, 3262-3271.	2.0	7
17	Autonomous control of a mobile robot to explore areas with difficult terrain. Procedia Computer Science, 2021, 192, 3467-3476.	2.0	7
18	Industry 4.0—Supporting Industry in Design Solutions—All-in-One Computer Cover. Smart Innovation, Systems and Technologies, 2021, , 93-105.	0.6	7

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19	Emission of Particles and VOCs at 3D Printing in Automotive. Smart Innovation, Systems and Technologies, 2019, , 485-494.	0.6	6
20	Investigation of Vibro-Acoustical Properties Using Eigenvalue Problem Solution and Wavelets. Procedia Computer Science, 2021, 192, 3079-3088.	2.0	6
21	Grinding Wheel Topography Modeling with Application of an Elastic Neural Network. Lecture Notes in Computer Science, 2007, , 83-90.	1.3	6
22	Implementation of an example of Hierarchical Petri Net (HPN) in LAD language in TIA Portal. Procedia Computer Science, 2021, 192, 3657-3666.	2.0	6
23	BelBuk System—Smart Logistics for Sustainable City Development in Terms of the Deficit of a Chemical Fertilizers. Energies, 2022, 15, 4591.	3.1	5
24	Small-lot Production with Additive Production Using Reverse Logistics and IT Solutions in COVID-19 Era. European Research Studies Journal, 2020, XXIII, 569-579.	0.4	4
25	Test Stand for Metamaterials Dynamic Properties Examination. Smart Innovation, Systems and Technologies, 2021, , 53-60.	0.6	4
26	Significant Parameters Identification for Optimal Modelling of the Harp-Type Flat-Plate Solar Collector. Smart Innovation, Systems and Technologies, 2019, , 495-505.	0.6	2