

# Tomasz Krolikowski

## List of Publications by Year in descending order

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26  
papers

248  
citations

933264

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1058333

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docs citations

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times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite State Machine Based Modelling of Discrete Control Algorithm in LAD Diagram Language With Use of New Generation Engineering Software. <i>Procedia Computer Science</i> , 2019, 159, 2560-2569.	1.2	22
2	Selected reflections on formal modeling in Industry 4.0. <i>Procedia Computer Science</i> , 2020, 176, 3293-3300.	1.2	17
3	Computer modeling and testing of structural metamaterials. <i>Procedia Computer Science</i> , 2019, 159, 2543-2550.	1.2	16
4	The Production Quality Control Process, Enhanced with Augmented Reality Glasses and the New Generation Computing Support System. <i>Procedia Computer Science</i> , 2020, 176, 3618-3625.	1.2	16
5	Decision Support in Selecting a Reliable Strategy for Sustainable Urban Transport Based on Laplacian Energy of T-Spherical Fuzzy Graphs. <i>Energies</i> , 2022, 15, 4970.	1.6	15
6	Finding Temperature Distribution at Heat Recovery Unit Using Genetic Algorithms. <i>Procedia Computer Science</i> , 2017, 112, 2382-2390.	1.2	13
7	A Concept of a Training Project IT Management System. <i>Procedia Computer Science</i> , 2019, 159, 1468-1478.	1.2	13
8	Thermo-mechanic tests using 3d printed elements. <i>Procedia Computer Science</i> , 2019, 159, 2551-2559.	1.2	13
9	On some aspects of Concurrent Control Processes Modelling and Implementation in LAD Diagram Language With Use of New Generation Engineering Software. <i>Procedia Computer Science</i> , 2020, 176, 2173-2183.	1.2	12
10	Dynamics of changes in Poland in the light of the Industry 4.0. <i>Procedia Computer Science</i> , 2021, 192, 4128-4137.	1.2	10
11	Optimization of multilayer rail substrate under moving load, using metamaterials.. <i>Procedia Computer Science</i> , 2020, 176, 3399-3406.	1.2	9
12	Gait Recognition: A Challenging Task for MEMS Signal Identification. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 473-483.	0.5	9
13	Operational Properties Investigation of The Flat-Plate Solar Collector with Poliuretane Foam Insulation. <i>Procedia Computer Science</i> , 2019, 159, 1730-1739.	1.2	8
14	TISAX - optimization of IT risk management in the automotive industry. <i>Procedia Computer Science</i> , 2021, 192, 4259-4268.	1.2	8
15	IPNES - Interpreted Petri Net for Embedded Systems. <i>Procedia Computer Science</i> , 2021, 192, 2012-2021.	1.2	7
16	Investigation of Anti-Lock Braking System failures using wavelet analysis. <i>Procedia Computer Science</i> , 2021, 192, 3262-3271.	1.2	7
17	Autonomous control of a mobile robot to explore areas with difficult terrain. <i>Procedia Computer Science</i> , 2021, 192, 3467-3476.	1.2	7
18	Industry 4.0 – Supporting Industry in Design Solutions – All-in-One Computer Cover. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 93-105.	0.5	7

#	ARTICLE	IF	CITATIONS
19	Emission of Particles and VOCs at 3D Printing in Automotive. Smart Innovation, Systems and Technologies, 2019, , 485-494.	0.5	6
20	Investigation of Vibro-Acoustical Properties Using Eigenvalue Problem Solution and Wavelets. Procedia Computer Science, 2021, 192, 3079-3088.	1.2	6
21	Grinding Wheel Topography Modeling with Application of an Elastic Neural Network. Lecture Notes in Computer Science, 2007, , 83-90.	1.0	6
22	Implementation of an example of Hierarchical Petri Net (HPN) in LAD language in TIA Portal. Procedia Computer Science, 2021, 192, 3657-3666.	1.2	6
23	Belbuk System – Smart Logistics for Sustainable City Development in Terms of the Deficit of a Chemical Fertilizers. Energies, 2022, 15, 4591.	1.6	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.	0.3	4
25	Test Stand for Metamaterials Dynamic Properties Examination. Smart Innovation, Systems and Technologies, 2021, , 53-60.	0.5	4
26	Significant Parameters Identification for Optimal Modelling of the Harp-Type Flat-Plate Solar Collector. Smart Innovation, Systems and Technologies, 2019, , 495-505.	0.5	2