

Krzysztof Kalinowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

432

citations

11

h-index

18

g-index

63

ext. papers

489

ext. citations

0.6

avg, IF

3.78

L-index

#	Paper	IF	Citations
63	Application of Blockchain Technology in Production Scheduling and Management of Human Resources Competencies.. <i>Sensors</i> , 2022 , 22,	3.8	2
62	A Study of the Human Factor in Industry 4.0 Based on the Automotive Industry. <i>Energies</i> , 2021 , 14, 6833	3.1	2
61	Initial Study into the Possible Use of Digital Sound Processing for the Development of Automatic Longwall Shearer Operation. <i>Energies</i> , 2021 , 14, 2877	3.1	0
60	Concurrent Planning and Scheduling of Heterogeneous Production System. Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 366-375	0.4	
59	A Comparison Analysis of the Computer Simulation Results of a Real Production System. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 344-354	0.4	1
58	Practical Approach of Flexible Job Shop Scheduling Using Costs and Finishing Times of Operations. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 391-400	0.4	3
57	Production Scheduling with Quantitative and Qualitative Selection of Human Resources. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 245-253	0.4	1
56	Production orders planning using additional backward pass scheduling approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 062015	0.4	
55	The initial considerations and tests on the use of real time locating system in manufacturing processes improvement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 042013	0.4	3
54	The influence of algorithms for basic-schedule generation on the performance of predictive and reactive schedules. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 022042	0.4	3
53	A computer simulation as a tool for a production system analysis and optimization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 022033	0.4	0
52	Integration of manufacturing operations management tools and discrete event simulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 022037	0.4	6
51	Schedule generation schemes for flexible manufacturing systems with additional resources. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 062016	0.4	
50	The Kanban system for the assembly process of the model of a forklift. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 400, 022043	0.4	
49	The influence of printing parameters on selected mechanical properties of FDM/FFF 3D-printed parts. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 227, 012033	0.4	63
48	Tensile tests of specimens made of selected group of the filament materials manufactured with FDM method. <i>MATEC Web of Conferences</i> , 2017 , 112, 04017	0.3	5
47	Production planning and scheduling with material handling using modelling and simulation. <i>MATEC Web of Conferences</i> , 2017 , 112, 09015	0.3	6

46	Algorithms of control parameters selection for automation of FDM 3D printing process. <i>MATEC Web of Conferences</i> , 2017 , 112, 05011	0.3	1
45	The Concept of Ant Colony Algorithm for Scheduling of Flexible Manufacturing Systems. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 408-415	0.4	4
44	Distribution of time to buffer overflow in a finite-buffer manufacturing model with unreliable machine. <i>MATEC Web of Conferences</i> , 2017 , 112, 05005	0.3	1
43	An attempt of CNC machining cycle application as a tool of the design feature library elaboration. <i>MATEC Web of Conferences</i> , 2017 , 112, 06019	0.3	2
42	Ant colony optimisation for scheduling of flexible job shop with multi-resources requirements. <i>MATEC Web of Conferences</i> , 2017 , 112, 06018	0.3	1
41	Integration of Manufacturing Functions for SME. Holonic-Based Approach. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 464-473	0.4	13
40	The comparison of predictive scheduling algorithms for different sizes of job shop scheduling problems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 145, 042019	0.4	
39	Study on Transient Queueing Delay in a Single-Channel Queueing Model with Setup and Closedown Times. <i>Communications in Computer and Information Science</i> , 2016 , 464-475	0.3	5
38	Integration of scheduling and discrete event simulation systems to improve production flow planning. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 145, 022018	0.4	4
37	Application of case-based reasoning for machining parameters selection. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 145, 042011	0.4	2
36	Multi-criteria evaluation methods in the production scheduling. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 145, 022019	0.4	3
35	A method of computer aided design with self-generative models in NX Siemens environment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012123	0.4	1
34	Estimation of overall equipment effectiveness using simulation programme. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012155	0.4	7
33	Scheduling Schemes Based on Searching the Aggregated Graph of Operations Planning Sequence. <i>Applied Mechanics and Materials</i> , 2015 , 809-810, 1462-1467	0.3	1
32	The laboratory station for tyres grip testing on different surfaces. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012092	0.4	
31	Time-dependent solution for the manufacturing line with unreliable machine and batched arrivals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012094	0.4	3
30	A survey on methods of design features identification. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012120	0.4	2
29	Production scheduling with discrete and renewable additional resources. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012132	0.4	3

28	The role of the production scheduling system in rescheduling. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012140	0.4	2
27	Time-series pattern recognition with an immune algorithm. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 95, 012110	0.4	7
26	The Graph of Operations Planning Sequence of a Production Order for Scheduling with Mixed Planning Strategies and Alternatives. <i>Applied Mechanics and Materials</i> , 2015 , 809-810, 1420-1425	0.3	
25	Semi-Automated Data Acquisition for Management of the Company in Non-Automated Production System [Case Study]. <i>Applied Mechanics and Materials</i> , 2015 , 809-810, 1510-1515	0.3	
24	Preparatory Stages of the Production Scheduling of Complex and Multivariant Products Structures. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 475-483	0.4	9
23	On Departure Process in a Production Model with Cyclic Working and Repair Periods. <i>Advanced Materials Research</i> , 2014 , 1036, 846-851	0.5	2
22	Predictive and Reactive Scheduling for a Critical Machine of a Production System. <i>Advanced Materials Research</i> , 2014 , 1036, 909-914	0.5	12
21	Interaction of the Decision Maker in the Process of Production Scheduling. <i>Advanced Materials Research</i> , 2014 , 1036, 830-833	0.5	8
20	On Effect of Model Parameters on Departure Process in a Production System with Failures. <i>Advanced Materials Research</i> , 2014 , 1036, 927-932	0.5	2
19	An Attempt to Application of Chain Codes for Design Similarity Evaluation. <i>Advanced Materials Research</i> , 2014 , 1036, 897-902	0.5	1
18	The Procedure of Reaction to Unexpected Events in Scheduling of Manufacturing Systems with Discrete Production Flow. <i>Advanced Materials Research</i> , 2014 , 1036, 840-845	0.5	4
17	On Transient Queue-Size Distribution in a Single-Machine Production System with Breakdowns. <i>Advanced Materials Research</i> , 2014 , 1036, 505-510	0.5	5
16	Pareto Optimality of Production Schedules in the Stage of Populations Selection of the MOIA Immune Algorithm. <i>Applied Mechanics and Materials</i> , 2014 , 657, 869-873	0.3	10
15	Sensitivity Analysis of Predictive Scheduling Algorithms. <i>Advanced Materials Research</i> , 2014 , 1036, 921-926	0.5	9
14	A Methodology of CAPP/CAP Systems Integration Based on a Product Intermediate State Representation. <i>Advanced Materials Research</i> , 2014 , 1036, 915-920	0.5	
13	On Pareto Optimal Solution for Production and Maintenance Jobs Scheduling Problem in a Job Shop and Flow Shop with an Immune Algorithm. <i>Advanced Materials Research</i> , 2014 , 1036, 875-880	0.5	10
12	A Production Scheduling Model with Maintenance. <i>Advanced Materials Research</i> , 2014 , 1036, 885-890	0.5	18
11	Predictive - Reactive Strategy for Real Time Scheduling of Manufacturing Systems. <i>Applied Mechanics and Materials</i> , 2013 , 307, 470-473	0.3	21

10	A Survey on Capp Systems Development Methods. <i>Advanced Materials Research</i> , 2013 , 837, 387-392	0.5	10
9	Estimation of Reliability Characteristics in a Production Scheduling Model with Failures and Time-Changing Parameters Described by Gamma and Exponential Distributions. <i>Advanced Materials Research</i> , 2013 , 837, 116-121	0.5	18
8	UML Models of Design and Knowledge Representation for Technical Production Preparation Needs. <i>Advanced Materials Research</i> , 2013 , 837, 369-374	0.5	5
7	The Graph Representation of Multivariant and Complex Processes for Production Scheduling. <i>Advanced Materials Research</i> , 2013 , 837, 422-427	0.5	20
6	The Model of Discrete Production Scheduling System in UML Notation - Classes Diagrams. <i>Advanced Materials Research</i> , 2013 , 837, 416-421	0.5	8
5	The Hybrid Method of Knowledge Representation in a CAPP Knowledge Based System. <i>Lecture Notes in Computer Science</i> , 2012 , 284-295	0.9	24
4	Integration Production Planning and Scheduling Systems for Determination of Transitional Phases in Repetitive Production. <i>Lecture Notes in Computer Science</i> , 2012 , 274-283	0.9	28
3	Object-Oriented Models in an Integration of CAD/CAPP/CAP Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 405-412	0.9	23
2	Integration of the CAD/CAPP/PPC systems. <i>Journal of Materials Processing Technology</i> , 2005 , 164-165, 1358-1368	5.3	28
1	The design optimisation of the self-locking moving device using CAD software. <i>IOP Conference Series: Materials Science and Engineering</i> , 400 , 022034	0.4	