

Jaber E Abu Qudeiri

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Welding Dissimilar sheet metals using Taguchi and Grey based Taguchi Methods. , 2022, , .		1
2	Using Machine Learning Models to Predict Weld Sequence giving Minimum Distortion. , 2022, , .		2
3	A Review on AA 6061 Metal Matrix Composites Produced by Stir Casting. Materials, 2021, 14, 175.	2.9	107
4	Effect of Different Cooling Strategies on Surface Quality and Power Consumption in Finishing End Milling of Stainless Steel 316. Materials, 2021, 14, 903.	2.9	16
5	Optimization of P-GMAW parameters using Grey relational analysis and Taguchi method. , 2021, , .		3
6	Dissimilar Non-Ferrous Metal Welding: An Insight on Experimental and Numerical Analysis. Metals, 2021, 11, 1486.	2.3	12
7	Development of an Efficient Prediction Model for Optimal Design of Serial Production Lines. IEEE Access, 2021, 9, 61807-61818.	4.2	3
8	Grey-Based Taguchi Multiobjective Optimization and Artificial Intelligence-Based Prediction of Dissimilar Gas Metal Arc Welding Process Performance. Metals, 2021, 11, 1858.	2.3	5
9	Recent Advances and Perceptive Insights into Powder-Mixed Dielectric Fluid of EDM. Micromachines, 2020, 11, 754.	2.9	49
10	Principles and Characteristics of Different EDM Processes in Machining Tool and Die Steels. Applied Sciences (Switzerland), 2020, 10, 2082.	2.5	59
11	Optimal Scheduling of Flexible Manufacturing System Using Improved Lion-Based Hybrid Machine Learning Approach. IEEE Access, 2020, 8, 96088-96114.	4.2	22
12	Tool Performance Optimization While Machining Aluminium-Based Metal Matrix Composite. Metals, 2020, 10, 835.	2.3	5
13	Evaluation of Characteristics of A390 - SiC _p Squeeze Cast and Gravity Cast Composites. , 2020, , .		5
14	Intelligent Sequence Optimization Method for Hole Making Operations in 2M Production Line. Lecture Notes in Electrical Engineering, 2020, , 339-355.	0.4	0
15	Friction Stir Welding of T-Joints: Experimental and Statistical Analysis. Journal of Manufacturing and Materials Processing, 2019, 3, 38.	2.2	20
16	Advanced Electric Discharge Machining of Stainless Steels: Assessment of the State of the Art, Gaps and Future Prospect. Materials, 2019, 12, 907.	2.9	75
17	Experimental investigation of springback in air bending process. IOP Conference Series: Materials Science and Engineering, 2018, 323, 012021.	0.6	0
18	Abrasive jet drilling of glass sheets: Effect and optimisation of process parameters on kerf taper. Advances in Mechanical Engineering, 2018, 10, 168781401774843.	1.6	17

#	ARTICLE	IF	CITATIONS
19	Electric discharge machining of titanium and its alloys: review. International Journal of Advanced Manufacturing Technology, 2018, 96, 1319-1339.	3.0	89
20	Wear behaviour of grey cast iron with the presence of copper addition. Advances in Mechanical Engineering, 2018, 10, 168781401880474.	1.6	14
21	Photocatalytic removal of methylene blue using titania- and silica-coated magnetic nanoparticles. Materials Research Express, 2018, 5, 065518.	1.6	57
22	Production simulator system for flexible routing optimization in flexible manufacturing systems. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2017, 231, 1237-1247.	2.4	8
23	TOOL PATH GENERATION OF CONTOUR PARALLEL BASED ON ANT COLONY OPTIMISATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
24	Optimization of the Parameters of RISE Feedback Controller Using Genetic Algorithm. Mathematical Problems in Engineering, 2016, 2016, 1-9.	1.1	1
25	Assessment of finite element and smoothed particles hydrodynamics methods for modeling serrated chip formation in hardened steel. Advances in Mechanical Engineering, 2016, 8, 168781401665237.	1.6	5
26	On multistage approach for flexible routing in flexible manufacturing systems. Advances in Mechanical Engineering, 2016, 8, 168781401665901.	1.6	2
27	Chip morphology predictions while machining hardened tool steel using finite element and smoothed particles hydrodynamics methods. Journal of Zhejiang University: Science A, 2016, 17, 873-885.	2.4	8
28	Second Order Sliding Mode Control of the Coupled Tanks System. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	15
29	Modeling machining of particle-reinforced aluminum-based metal matrix composites using cohesive zone elements. International Journal of Advanced Manufacturing Technology, 2015, 78, 1171-1179.	3.0	55
30	Layout design optimization of dynamic environment flexible manufacturing systems. Advances in Mechanical Engineering, 2015, 7, 168781401558425.	1.6	6
31	Response Surface Metamodel to Predict Springback in Sheet Metal Air Bending Process. International Journal of Materials Mechanics and Manufacturing, 2015, 3, 266-269.	0.2	1
32	Computer Aided Design of the Die-Set for Sheet Metal Punching and Blanking Dies. Applied Mechanics and Materials, 2014, 619, 78-82.	0.2	0
33	Multi-objective optimization of oblique turning operations using finite element model and genetic algorithm. International Journal of Advanced Manufacturing Technology, 2014, 71, 593-603.	3.0	14
34	GA Support System to Optimize the Sequence of Multi-level and Multi-tool Operations in CNC Machines. , 2013, , .		4
35	Comparison between neural network and response surface metamodels based on D-optimal designs. International Journal of Computational Materials Science and Surface Engineering, 2013, 5, 85.	0.2	2
36	Modelling of parallel production system with rework paths and its GA based simulator for optimal design. International Journal of Manufacturing Technology and Management, 2011, 23, 69.	0.1	1

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37	Performance investigation of a salt gradient solar pond coupled with desalination facility near the Dead Sea. Energy, 2011, 36, 922-931.	8.8	58
38	A concurrent engineering system to integrate a production simulation and CAD system for FTL layout design. International Journal of Product Development, 2010, 10, 101.	0.2	4
39	Tool path of lathe machine in flexible transfer lines by using genetic algorithms. International Journal of Production Economics, 2009, 121, 72-80.	8.9	5
40	FTL with feed-forward optimal design by discrete event production simulator with GA. International Journal of Adaptive and Innovative Systems, 2009, 1, 60.	0.1	0
41	Hypothetical reasoning approach for Automated Guided Vehicle action decision in Autonomous Decentralised Flexible Manufacturing Systems. International Journal of Intelligent Systems Technologies and Applications, 2009, 7, 171.	0.2	1
42	Buffer size decision for Flexible Transfer Line with Rework Paths using Genetic Algorithm. International Journal of Intelligent Systems Technologies and Applications, 2009, 7, 227.	0.2	4
43	Concurrent Production Engineering System for buffer size and flexible transfer line layout design. Journal of Systems Science and Systems Engineering, 2008, 17, 187-203.	1.6	3
44	Genetic algorithm for buffer size and work station capacity in serial-parallel production lines. Artificial Life and Robotics, 2008, 12, 102-106.	1.2	25
45	Production layout design system by GA with one by one encoding method. Artificial Life and Robotics, 2008, 13, 234-237.	1.2	4
46	Definition of FTL with bypass lines and its simulator for buffer size decision. International Journal of Production Economics, 2008, 112, 18-25.	8.9	16
47	Real Time Part Input Control of a Pull Production System by Finding IF-THEN Rules. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2007, 1, 227-237.	0.7	0
48	Development of Production Simulator for Buffer Size Decisions in Complex Production Systems Using Genetic Algorithm. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2007, 1, 418-429.	0.7	5
49	Optimization of Operation Sequence in CNC Machine Tools Using Genetic Algorithm. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2007, 1, 272-282.	0.7	45
50	Optimization of FTL Layout Design Through an Asymmetrical and Restricted Plant Using GA. Journal of Solid Mechanics and Materials Engineering, 2007, 1, 81-92.	0.5	2
51	Concurrent Production Engineering System for Buffer Size Decision and FTL Layout Design. , 2006, , .		0
52	Buffer Size Decision for the Flexible Transfer Line with Rework Paths Using Genetic Algorithms. , 2006, , .		1
53	Optimization Hole-Cutting Operations Sequence in CNC Machine Tools Using GA. , 2006, , .		7
54	Prediction the Springback in Air-Bending Process Using Neural Network Metamodel. Applied Mechanics and Materials, 0, 619, 3-7.	0.2	1

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55	If-Then Rules for Selection the Die-Set for Sheet Metal Punching and Blanking Dies. Advanced Materials Research, 0, 980, 208-213.	0.3	0
56	Simulation Study of Deep Drawing Process. Materials Science Forum, 0, 977, 139-147.	0.3	2