

Duc Truong Pham

List of Publications by Year in descending order

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Version: 2024-02-01

424
papers

10,552
citations

53789

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h-index

66906

78
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431
all docs

431
docs citations

431
times ranked

7631
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-time tradeoffs for remanufacturing system scheduling using an invasive weed optimization algorithm. Journal of Intelligent Manufacturing, 2023, 34, 1065-1083.	7.3	23
2	A generic asset model for implementing product digital twins in smart remanufacturing. International Journal of Advanced Manufacturing Technology, 2023, 124, 3021-3038.	3.0	3
3	Component and Subassembly Detection. Springer Series in Advanced Manufacturing, 2022, , 47-58.	0.5	0
4	Robotic Disassembly Sequence Re-planning. Springer Series in Advanced Manufacturing, 2022, , 131-142.	0.5	1
5	Modelling of Robotic Disassembly Line Balancing. Springer Series in Advanced Manufacturing, 2022, , 71-83.	0.5	0
6	Evolutionary Optimisation for Robotic Disassembly Sequence Planning and Line Balancing. Springer Series in Advanced Manufacturing, 2022, , 85-110.	0.5	1
7	Solutions for Robotic Disassembly Sequence Planning with Backup Actions. Springer Series in Advanced Manufacturing, 2022, , 111-130.	0.5	2
8	Pedestrian-Aware Supervisory Control System Interactive Optimization of Connected Hybrid Electric Vehicles via Fuzzy Adaptive Cost Map and Bees Algorithm. IEEE Transactions on Transportation Electrification, 2022, 8, 2959-2970.	7.8	4
9	Applications of the Bees Algorithm. Advances in Computational Intelligence and Robotics Book Series, 2022, , 242-268.	0.4	0
10	Stackelberg model-based human-robot collaboration in removing screws for product remanufacturing. Robotics and Computer-Integrated Manufacturing, 2022, 77, 102370.	9.9	5
11	Cloud remanufacturing: Remanufacturing enhanced through cloud technologies. Journal of Manufacturing Systems, 2022, 64, 133-148.	13.9	22
12	Industry 4.0 enabling sustainable supply chain development in the renewable energy sector: A multi-criteria intelligent approach. Technological Forecasting and Social Change, 2022, 182, 121813.	11.6	29
13	Digital twin-enabled reconfigurable modeling for smart manufacturing systems. International Journal of Computer Integrated Manufacturing, 2021, 34, 709-733.	4.6	44
14	Interlocking problems in disassembly sequence planning. International Journal of Production Research, 2021, 59, 4723-4735.	7.5	11
15	Smart Composites and Their Applications. , 2021, , 380-389.		0
16	Mobile stroke units for acute stroke care in the south of sweden. Cogent Engineering, 2021, 8, 1874084.	2.2	4
17	Impact of alumina and cerium oxide nanoparticles on tailpipe emissions of waste cooking oil biodiesel fuelled CI engine. Cogent Engineering, 2021, 8, .	2.2	14
18	Acceptance testing based test case prioritization. Cogent Engineering, 2021, 8, .	2.2	5

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19	Framework to design water-energy solutions based on community perceptions: Case study from a Caribbean coast community in Colombia. Cogent Engineering, 2021, 8, .	2.2	5
20	Strategies for Dealing with Problems in Robotised Unscrewing Operations. IFIP Advances in Information and Communication Technology, 2021, , 93-107.	0.7	0
21	Is order creation through disorder in additive manufacturing possible?. Cogent Engineering, 2021, 8, .	2.2	8
22	Shock and harmonic response analysis of UAV nose landing gear system with air damper. Cogent Engineering, 2021, 8, .	2.2	3
23	Quantum algorithm for solving the test suite minimization problem. Cogent Engineering, 2021, 8, 1882116.	2.2	2
24	An experimental human-robot collaborative disassembly cell. Computers and Industrial Engineering, 2021, 155, 107189.	6.3	38
25	An Improved Bees Algorithm for Training Deep Recurrent Networks for Sentiment Classification. Symmetry, 2021, 13, 1347.	2.2	11
26	MS-TR: A Morphologically enriched sentiment Treebank and recursive deep models for compositional semantics in Turkish. Cogent Engineering, 2021, 8, 1893621.	2.2	1
27	Application of a simulation tool based on a bio-inspired algorithm for optimisation of distributed power generation systems. Cogent Engineering, 2021, 8, 1909791.	2.2	2
28	Multi-objective evolutionary simulated annealing optimisation for mixed-model multi-robotic disassembly line balancing with interval processing time. International Journal of Production Research, 2020, 58, 846-862.	7.5	68
29	Measurement of forces on multi-point forming tools using fibre Bragg grating sensors. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 453-462.	2.4	3
30	Disassembly sequence planning using discrete Bees algorithm for human-robot collaboration in remanufacturing. Robotics and Computer-Integrated Manufacturing, 2020, 62, 101860.	9.9	82
31	Smart Cutting Tool Integrated With Optical Fiber Sensors for Cutting Force Measurement in Turning. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1720-1727.	4.7	23
32	Collaborative optimization of robotic disassembly sequence planning and robotic disassembly line balancing problem using improved discrete Bees algorithm in remanufacturing. Robotics and Computer-Integrated Manufacturing, 2020, 61, 101829.	9.9	73
33	A case study in human-robot collaboration in the disassembly of press-fitted components. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 654-664.	2.4	43
34	Machine learning of electro-hydraulic motor dynamics. SN Applied Sciences, 2020, 2, 1.	2.9	1
35	Experimental evaluation of drying of banana using a double-pass solar collector (DPSC) and theoretical analysis using a CFD model. Cogent Engineering, 2020, 7, 1789363.	2.2	10
36	Large-eddy simulation of the flow in Z-Shape duct. Cogent Engineering, 2020, 7, 1778349.	2.2	3

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37	Evolutionary optimization using epsilon method for resource-constrained multi-robotic disassembly line balancing. Journal of Manufacturing Systems, 2020, 56, 392-413.	13.9	26
38	A control algorithm for simulation of real-world operating conditions for the drivetrain of an all-wheel drive vehicle with individually driven wheels on a chassis dynamometer. Cogent Engineering, 2020, 7, 1737449.	2.2	2
39	Interrogation system of signals from rotation sensors using tilted fiber Bragg gratings. Cogent Engineering, 2020, 7, 1743405.	2.2	1
40	Multi-stage terramechanics simulation: Seamless analyses between formation of wind ripple pattern and wheel locomotion. Cogent Engineering, 2020, 7, 1758289.	2.2	4
41	On the computational aspects of Charlier polynomials. Cogent Engineering, 2020, 7, 1763553.	2.2	29
42	Critical success factors of total quality management in autonomous driving business models. Cogent Engineering, 2020, 7, 1767018.	2.2	10
43	Seam carving-based Arabic handwritten sub-word segmentation. Cogent Engineering, 2020, 7, 1769315.	2.2	4
44	Multi response optimization of injection moulding process parameters of polystyrene and polypropylene to minimize surface roughness and shrinkage [™] s using integrated approach of S/N ratio and composite desirability function. Cogent Engineering, 2020, 7, 1781424.	2.2	18
45	Smart remanufacturing: a review and research framework. Journal of Manufacturing Technology Management, 2020, 31, 1205-1235.	6.4	74
46	An analysis of the search mechanisms of the bees algorithm. Swarm and Evolutionary Computation, 2020, 59, 100746.	8.1	21
47	Model review and algorithm comparison on multi-objective disassembly line balancing. Journal of Manufacturing Systems, 2020, 56, 484-500.	13.9	50
48	Numerical simulation of collision-free near-shortest path generation for Dubins vehicle via Hamilton [™] -Jacobi [™] -Bellman equation: A case study. Cogent Engineering, 2020, 7, 1782710.	2.2	0
49	Development of modified cooperative particle swarm optimization with inertia weight for feature selection. Cogent Engineering, 2020, 7, 1788876.	2.2	2
50	Experimental investigation of the effect of two steps on the performance and longitudinal stability of a mono-hull high-speed craft. Cogent Engineering, 2020, 7, 1790980.	2.2	6
51	Decision on the selection of the best height-diameter ratio for the optimal design of 13,000 m ³ oil storage tank. Cogent Engineering, 2020, 7, 1770913.	2.2	6
52	Methods of computational topology and discrete Riemannian geometry for the analysis of arid territories. Cogent Engineering, 2020, 7, 1808340.	2.2	0
53	Industry and academia partnership for aquatic renewable energy development in Colombia: A knowledge-education transfer model from the United Kingdom to Colombia. Cogent Engineering, 2020, 7, 1829805.	2.2	3
54	Equivalent conditions of finite-time time-varying output-feedback control for discrete-time positive time-varying linear systems. Cogent Engineering, 2020, 7, 1791547.	2.2	1

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55	Comparative analysis of deep learning methods of detection of diabetic retinopathy. Cogent Engineering, 2020, 7, 1805144.	2.2	24
56	The vehicle routing problem for perishable goods: A systematic review. Cogent Engineering, 2020, 7, 1816148.	2.2	32
57	Self-healing of structural carbon fibres in polymer composites. Cogent Engineering, 2020, 7, 1799909.	2.2	7
58	Applying boundary element method to simulate a high-skew Controllable Pitch Propeller with different hub diameters for preliminary design purposes. Cogent Engineering, 2020, 7, 1805857.	2.2	3
59	Design and Performance Evaluation of a Hydronic Type Compost Heat Exchanger. Cogent Engineering, 2020, 7, 1846253.	2.2	2
60	Terramechanics-based investigation of grouser shape for rigid wheels: Comparison between rectangular and trapezoidal grousers. Cogent Engineering, 2020, 7, 1846254.	2.2	1
61	Morphological segmentation method for Turkic language neural machine translation. Cogent Engineering, 2020, 7, 1856500.	2.2	12
62	Service Platform for Robotic Disassembly Planning in Remanufacturing. Journal of Manufacturing Systems, 2020, 57, 338-356.	13.9	21
63	Multiobjective Ecological Strategy Optimization for Two-Stage Disassembly Line Balancing With Constrained-Resource. IEEE Access, 2020, 8, 88745-88758.	4.2	9
64	Effect of particle size and bed height on the characteristic of a fluidized bed dryer. Cogent Engineering, 2020, 7, 1738185.	2.2	2
65	Autonomous remanufacturing. International Journal of Advanced Manufacturing Technology, 2020, , 1.	3.0	2
66	Economic modelling of robotic disassembly in end-of-life product recovery for remanufacturing. Computers and Industrial Engineering, 2020, 142, 106339.	6.3	35
67	One method of generating synthetic data to assess the upper limit of machine learning algorithms performance. Cogent Engineering, 2020, 7, 1718821.	2.2	11
68	Mechanical property prediction of SPS processed GNP/PLA polymer nanocomposite using artificial neural network. Cogent Engineering, 2020, 7, 1720894.	2.2	19
69	Prevalence of occupational accident; and injuries and their associated factors in iron, steel and metal manufacturing industries in Addis Ababa. Cogent Engineering, 2020, 7, 1723211.	2.2	14
70	Development of an automated system model of information protection in the cross-border exchange. Cogent Engineering, 2020, 7, 1724597.	2.2	4
71	Effects of rail pressure control on fuel consumption, emissions and combustion parameters in a turbocharged diesel engine. Cogent Engineering, 2020, 7, 1724848.	2.2	4
72	Neural architectures for gender detection and speaker identification. Cogent Engineering, 2020, 7, 1727168.	2.2	10

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73	An AHP-based multi-criteria model for sustainable supply chain development in the renewable energy sector. Expert Systems With Applications, 2020, 150, 113321.	7.6	128
74	Topology optimization and finite element analysis of a jet dragster engine mount. Cogent Engineering, 2020, 7, 1723821.	2.2	6
75	Dynamic risk assessment and active response strategy for industrial human-robot collaboration. Computers and Industrial Engineering, 2020, 141, 106302.	6.3	47
76	Unfastening of Hexagonal Headed Screws by a Collaborative Robot. IEEE Transactions on Automation Science and Engineering, 2020, , 1-14.	5.2	25
77	Prediction and optimization of work-piece temperature during 2.5-D milling of Inconel 625 using regression and Genetic Algorithm. Cogent Engineering, 2020, 7, 1731199.	2.2	10
78	A survey on the studies employing machine learning (ML) for enhancing artificial bee colony (ABC) optimization algorithm. Cogent Engineering, 2020, 7, 1855741.	2.2	7
79	Interlocking Problem in Automatic Disassembly Planning and Two Solutions. Lecture Notes in Electrical Engineering, 2020, , 193-213.	0.4	1
80	Optimum conceptual design for the life support systems of manned spacecraft. Cogent Engineering, 2020, 7, 1863304.	2.2	1
81	Disassembly sequence planning: Recent developments and future trends. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 1450-1471.	2.4	80
82	Low-cost metal-forming process using an elastic punch and a reconfigurable multi-pin die. International Journal of Material Forming, 2019, 12, 391-401.	2.0	8
83	Multipoint forming using mesh-type elastic cushion: modelling and experimentation. International Journal of Advanced Manufacturing Technology, 2019, 103, 2079-2090.	3.0	12
84	Trajectory optimization of an innovative-turbofan-powered aircraft based on particle swarm approach for low environmental impact. Cogent Engineering, 2019, 6, .	2.2	2
85	Reliability and power loss analysis: A case study of a power plant in Nigeria. Cogent Engineering, 2019, 6, .	2.2	10
86	Bees algorithm enhanced with Nelder and Mead method for numerical function optimisation. AIP Conference Proceedings, 2019, , .	0.4	3
87	On self-sustained detonation. Cogent Engineering, 2019, 6, .	2.2	0
88	Work breakdown structure application for man-hours calculation in hull construction shipbuilding in Malaysia. Cogent Engineering, 2019, 6, .	2.2	1
89	Qualitative study of Riccati difference equation on maneuvering target tracking and fault diagnosis of wind turbine gearbox. Cogent Engineering, 2019, 6, .	2.2	3
90	Numerical investigation of installation and environmental parameters on soiling of roof-mounted solar photovoltaic array. Cogent Engineering, 2019, 6, .	2.2	11

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91	A control chart pattern recognition system for feedback-control processes. Expert Systems With Applications, 2019, 138, 112826.	7.6	13
92	A review of emerging industry 4.0 technologies in remanufacturing. Journal of Cleaner Production, 2019, 237, 117805.	9.3	220
93	A structured index describing the ease of disassembly for handcrafted product. Cogent Engineering, 2019, 6, .	2.2	1
94	Pegâ€‘hole disassembly using active compliance. Royal Society Open Science, 2019, 6, 190476.	2.4	23
95	Multi-Robotic Disassembly Line Balancing with Uncertain Processing Time. Procedia CIRP, 2019, 83, 71-76.	1.9	9
96	Robotic Task Oriented Knowledge Graph for Human-Robot Collaboration in Disassembly. Procedia CIRP, 2019, 83, 105-110.	1.9	18
97	A Reconfigurable Modeling Approach for Digital Twin-based Manufacturing System. Procedia CIRP, 2019, 83, 118-125.	1.9	69
98	Many-objective best-order-sort genetic algorithm for mixed-model multi-robotic disassembly line balancing. Procedia CIRP, 2019, 83, 14-21.	1.9	13
99	Experimental verification of suitability of insulation testing rig in determining thermophysical properties of insulating materials. Cogent Engineering, 2019, 6, .	2.2	6
100	The analogies between human development and additive manufacture: Expanding the definition of design. Cogent Engineering, 2019, 6, .	2.2	5
101	Model for remaining strength estimation of a corroded pipeline with interacting defects for oil and gas operations. Cogent Engineering, 2019, 6, .	2.2	10
102	Multi-objective spur gear design using teaching learning-based optimization and decision-making techniques. Cogent Engineering, 2019, 6, .	2.2	15
103	Printed circuit board assembly time minimisation using a novel Bees Algorithm. Computers and Industrial Engineering, 2019, 133, 186-194.	6.3	23
104	Robotic disassembly re-planning using a two-pointer detection strategy and a super-fast bees algorithm. Robotics and Computer-Integrated Manufacturing, 2019, 59, 130-142.	9.9	49
105	Human-robot collaboration in disassembly for sustainable manufacturing. International Journal of Production Research, 2019, 57, 4027-4044.	7.5	111
106	The potential of methane production using aged landfill waste in developing countries: A case of study in Colombia. Cogent Engineering, 2019, 6, .	2.2	15
107	Optimization of vacuum manifold design for seeding of SRI seedling tray. Cogent Engineering, 2019, 6, .	2.2	1
108	High-speed devices for modular reduction with minimal hardware costs. Cogent Engineering, 2019, 6, .	2.2	0

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109	Emergent synthetic approach for management of complexity in production systems. Cogent Engineering, 2019, 6, .	2.2	2
110	Primitive Shape Fitting in Point Clouds Using the Bees Algorithm. Applied Sciences (Switzerland), 2019, 9, 5198.	2.5	8
111	Evolutionary many-objective optimization for mixed-model disassembly line balancing with multi-robotic workstations. European Journal of Operational Research, 2019, 276, 160-174.	5.7	68
112	Multi-parameter dynamical measuring system using fibre Bragg grating sensors for industrial hydraulic piping. Measurement: Journal of the International Measurement Confederation, 2019, 134, 226-235.	5.0	30
113	Digital Twin-Based Control Approach for Industrial Cloud Robotics. , 2019, , .		5
114	A strategy for human-robot collaboration in taking products apart for remanufacture. FME Transactions, 2019, 47, 731-738.	1.4	21
115	Human-Robot Collaboration for Disassembly Line Balancing Problem in Remanufacturing. , 2019, , .		9
116	Minimizing Energy Consumption and Line Length of Mixed-Model Multi-Robotic Disassembly Line Systems Using Multi-Objective Evolutionary Optimization. , 2019, , .		2
117	Introduction. International Journal of Neural Systems, 2018, 28, 1803001.	5.2	1
118	Cross-Layer Optimization Model Toward Service-Oriented Robotic Manufacturing Systems. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2018, 140, .	2.2	2
119	Robotic disassembly sequence planning using enhanced discrete bees algorithm in remanufacturing. International Journal of Production Research, 2018, 56, 3134-3151.	7.5	83
120	Identification of patterns in control charts for processes with statistically correlated noise. International Journal of Production Research, 2018, 56, 1504-1520.	7.5	16
121	Experimental and micromechanical modelling of randomly oriented zalacca fibre/low-density polyethylene composites fabricated by hot-pressing method. Cogent Engineering, 2018, 5, 1518966.	2.2	12
122	Quality of optimized biogas yields from co-digestion of cattle dung with fresh mass of sunflower leaves, pawpaw and potato peels. Cogent Engineering, 2018, 5, 1538491.	2.2	13
123	Optimisation of Engineering Systems With the Bees Algorithm. International Journal of Artificial Life Research, 2018, 8, 1-15.	0.1	7
124	Human-Robot Collaborative Manufacturing using Cooperative Game: Framework and Implementation. Procedia CIRP, 2018, 72, 87-92.	1.9	9
125	Energy-Efficient Multi-Level Collaborative Optimization for Robotic Manufacturing Systems. Procedia CIRP, 2018, 72, 316-321.	1.9	3
126	Numerical analysis on the effect of the vortex finder diameter and the length of vortex limiter on the flow field and particle collection in a new cyclone separator. Cogent Engineering, 2018, 5, 1562319.	2.2	8

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127	Numerical simulation of detonation wave propagation and quenching process in in-line crimped-ribbon flame arrester. Cogent Engineering, 2018, 5, 1469377.	2.2	6
128	Robust decentralized model predictive control approach for a multi-compressor system surge instability including piping acoustic. Cogent Engineering, 2018, 5, 1483811.	2.2	12
129	Multi-source vision perception for human-robot collaboration in manufacturing. , 2018, , .		7
130	Axial-flow compressor analysis under distorted phenomena at transonic flow conditions. Cogent Engineering, 2018, 5, 1526458.	2.2	2
131	Investigation and development of a numerical tool for the prediction and influence of natural fibre poroelastic trim behaviour on automotive cabin noise. Cogent Engineering, 2018, 5, 1548992.	2.2	3
132	Considerations regarding the use of rigid sails on modern powered ships. Cogent Engineering, 2018, 5, 1543564.	2.2	13
133	Knowledge Sharing and Evolution of Industrial Cloud Robotics. , 2018, , .		1
134	TRIZ method for innovation applied to an hoverboard. Cogent Engineering, 2018, 5, 1524537.	2.2	17
135	Evaluation of a concrete-graphite hybrid mixture for low-cost thermal energy storage material. Cogent Engineering, 2018, 5, 1538490.	2.2	7
136	Energy-efficient concurrent assessment of industrial robot operation based on association rules in manufacturing. , 2018, , .		2
137	An improved multi-objective discrete bees algorithm for robotic disassembly line balancing problem in remanufacturing. International Journal of Advanced Manufacturing Technology, 2018, 97, 3937-3962.	3.0	82
138	The role of wind energy production in addressing the European renewable energy targets: The case of Spain. Journal of Cleaner Production, 2018, 196, 1198-1212.	9.3	27
139	Automatic Detection of Subassemblies for Disassembly Sequence Planning. , 2018, , .		0
140	Design of a Novel Six-Axis Force/Torque Sensor based on Optical Fibre Sensing for Robotic Applications. , 2018, , .		0
141	Automatic Detection of Subassemblies for Disassembly Sequence Planning. , 2018, , .		1
142	Combining feed-in tariffs and net-metering schemes to balance development in adoption of photovoltaic energy: Comparative economic assessment and policy implications for European countries. Energy Policy, 2017, 102, 440-452.	8.8	105
143	Nanocomposites for Extrinsic Self-healing Polymer Materials. Springer Series on Polymer and Composite Materials, 2017, , 243-279.	0.7	2
144	Energy Condition Perception and Big Data Analysis for Industrial Cloud Robotics. Procedia CIRP, 2017, 61, 370-375.	1.9	6

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145	Cross-Layer Optimization Model Towards Service-Oriented Robotic Manufacturing Systems. , 2017, , .		0
146	Dynamic Manufacturing Capability Assessment of Industrial Robots Based on Feedback Information in Cloud Manufacturing. , 2017, , .		4
147	Hypergraph-Based Modeling of Manufacturing Services in Cloud Manufacturing. , 2017, , .		2
148	Hybrid Genetic Bees Algorithm applied to single machine scheduling with earliness and tardiness penalties. Computers and Industrial Engineering, 2017, 113, 842-858.	6.3	35
149	Manufacturing Capability Assessment for Human-Robot Collaborative Disassembly Based on Multi-Data Fusion. Procedia Manufacturing, 2017, 10, 26-36.	1.9	18
150	Dynamic and unified modelling of sustainable manufacturing capability for industrial robots in cloud manufacturing. International Journal of Advanced Manufacturing Technology, 2017, 93, 2753-2771.	3.0	18
151	A new mixed production cost allocation model for additive manufacturing (MiProCAMAM). International Journal of Advanced Manufacturing Technology, 2017, 92, 4275-4291.	3.0	37
152	External Force Detection for Physical Human-Robot Interaction Using Dynamic Model Identification. Lecture Notes in Computer Science, 2017, , 581-592.	1.3	4
153	Modeling of Digital Twin Workshop Based on Perception Data. Lecture Notes in Computer Science, 2017, , 3-14.	1.3	24
154	Optimisation of multi-point forming process parameters. International Journal of Advanced Manufacturing Technology, 2017, 92, 1849-1859.	3.0	29
155	Dynamic Modeling of Manufacturing Capability for Robotic Disassembly in Remanufacturing. Procedia Manufacturing, 2017, 10, 15-25.	1.9	19
156	Prediction of springback in multi-point forming. Cogent Engineering, 2017, 4, 1400507.	2.2	11
157	Cost models of additive manufacturing: A literature review. International Journal of Industrial Engineering Computations, 2017, , 263-283.	0.7	71
158	A Practical Energy Modeling Method for Industrial Robots in Manufacturing. Lecture Notes in Computer Science, 2017, , 25-36.	1.3	4
159	Manufacturing Service Reconfiguration Optimization Using Hybrid Bees Algorithm in Cloud Manufacturing. Lecture Notes in Computer Science, 2017, , 87-98.	1.3	3
160	Strain Modal Analysis of Small and Light Pipes Using Distributed Fibre Bragg Grating Sensors. Sensors, 2016, 16, 1583.	3.8	24
161	Industrial Cloud Robotics Towards Sustainable Manufacturing. , 2016, , .		12
162	Sustainable self-healing at ultra-low temperatures in structural composites incorporating hollow vessels and heating elements. Royal Society Open Science, 2016, 3, 160488.	2.4	31

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163	Perception data-driven optimization of manufacturing equipment service scheduling in sustainable manufacturing. Journal of Manufacturing Systems, 2016, 41, 86-101.	13.9	47
164	Bees algorithm for effective supply chains configuration. International Journal of Engineering Business Management, 2016, 8, 184797901667530.	3.7	3
165	Designing robust feedback linearisation controllers using imperfect dynamic models and sensor feedback. Cogent Engineering, 2016, 3, 1173529.	2.2	2
166	Estimation and generation of training patterns for control chart pattern recognition. Computers and Industrial Engineering, 2016, 95, 72-82.	6.3	30
167	Identification and optimal selection of temperature-sensitive measuring points of thermal error compensation on a heavy-duty machine tool. International Journal of Advanced Manufacturing Technology, 2016, 85, 345-353.	3.0	23
168	An improved discrete bees algorithm for correlation-aware service aggregation optimization in cloud manufacturing. International Journal of Advanced Manufacturing Technology, 2016, 84, 17-28.	3.0	68
169	Bees Algorithm for multimodal function optimisation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 867-884.	2.1	9
170	Influence of Molecular Weight Average, Degree of Crystallinity, and Viscosity of Different Polyamide PA12 Powder Grades on the Microstructures of Laser Sintered Part. MATEC Web of Conferences, 2015, 26, 03005.	0.2	4
171	A Multi-Parameter Model for Effective Configuration of Supply Chains. International Journal of Engineering Business Management, 2015, 7, 21.	3.7	1
172	A Multiuser Manufacturing Resource Service Composition Method Based on the Bees Algorithm. Computational Intelligence and Neuroscience, 2015, 2015, 1-13.	1.7	7
173	Real-time measurement of temperature field in heavy-duty machine tools using fiber Bragg grating sensors and analysis of thermal shift errors. Mechatronics, 2015, 31, 16-21.	3.3	31
174	Knowledge modeling of fault diagnosis for rotating machinery based on ontology. , 2015, , .		6
175	Celebrating 100 articles published in Cogent Engineering. Cogent Engineering, 2015, 2, 1104107.	2.2	0
176	Servitisation of fault diagnosis for mechanical equipment in cloud manufacturing. , 2015, , .		2
177	A Forager Adjustment Strategy Used by the Bees Algorithm for Solving Optimization Problems in Cloud Manufacturing. , 2015, , .		1
178	An enhancement to the Bees Algorithm with slope angle computation and Hill Climbing Algorithm and its applications on scheduling and continuous-type optimisation problem. Production and Manufacturing Research, 2015, 3, 3-19.	1.5	15
179	Dynamic Modeling of Manufacturing Equipment Capability Using Condition Information in Cloud Manufacturing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2015, 137, .	2.2	28
180	Fit manufacturing: Production Waste Index and its effect on Production Profitability. , 2015, , .		0

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181	A comparative study of the Bees Algorithm as a tool for function optimisation. Cogent Engineering, 2015, 2, 1091540.	2.2	55
182	Self-healing composites: A review. Cogent Engineering, 2015, 2, 1075686.	2.2	116
183	Creating resilient and sustainable manufacturing businesses – a conceptual fitness model. International Journal of Production Research, 2015, 53, 3934-3946.	7.5	23
184	The Bees Algorithm and Its Applications. Advances in Computational Intelligence and Robotics Book Series, 2015, , 122-151.	0.4	9
185	The Bees Algorithm as a Biologically Inspired Optimisation Method. , 2015, , 285-294.		0
186	Novel Genetic Bees Algorithm applied to single machine scheduling problem. , 2014, , .		21
187	Nature-Inspired Intelligent Optimisation Using the Bees Algorithm. Lecture Notes in Computer Science, 2014, , 38-69.	1.3	9
188	Benchmarking and comparison of nature-inspired population-based continuous optimisation algorithms. Soft Computing, 2014, 18, 871-903.	3.6	63
189	A multi-objective supply chain optimisation using enhanced Bees Algorithm with adaptive neighbourhood search and site abandonment strategy. Swarm and Evolutionary Computation, 2014, 18, 71-82.	8.1	48
190	Neural network design and feature selection using principal component analysis and Taguchi method for identifying wood veneer defects. Production and Manufacturing Research, 2014, 2, 291-308.	1.5	21
191	Pre-processing studies for selective laser sintering of glass beads-filled polyamide 12 composites. International Journal of Rapid Manufacturing, 2014, 4, 28.	0.5	6
192	Continuous acoustic source tracking for tangible acoustic interfaces. Measurement: Journal of the International Measurement Confederation, 2013, 46, 1272-1278.	5.0	5
193	Combining the Bees Algorithm and shape grammar to generate branded product concepts. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 1860-1873.	2.4	10
194	Optimisation of Micro Injection Moulding Process through Design of Experiments. Procedia CIRP, 2013, 12, 300-305.	1.9	14
195	Encapsulation of Au Nanoparticles on a Silicon Wafer During Thermal Oxidation. Journal of Physical Chemistry C, 2013, 117, 21577-21582.	3.1	9
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