

Felix Ts Chan

List of Publications by Citations

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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.

457
papers

15,697
citations

64
h-index

104
g-index

492
ext. papers

18,019
ext. citations

5.5
avg, IF

7.32
L-index

#	Paper	IF	Citations
457	Global supplier development considering risk factors using fuzzy extended AHP-based approach. <i>Omega</i> , 2007 , 35, 417-431	7.2	729
456	Global supplier selection: a fuzzy-AHP approach. <i>International Journal of Production Research</i> , 2008 , 46, 3825-3857	7.8	440
455	The link between Industry 4.0 and lean manufacturing: mapping current research and establishing a research agenda. <i>International Journal of Production Research</i> , 2018 , 56, 2924-2940	7.8	341
454	Predicting consumer decisions to adopt mobile commerce: Cross country empirical examination between China and Malaysia. <i>Decision Support Systems</i> , 2012 , 53, 34-43	5.6	335
453	Integrating environmental criteria into the supplier selection process. <i>Journal of Materials Processing Technology</i> , 2003 , 138, 349-356	5.3	319
452	Performance Measurement in a Supply Chain. <i>International Journal of Advanced Manufacturing Technology</i> , 2003 , 21, 534-548	3.2	297
451	State of the art literature review on performance measurement. <i>Computers and Industrial Engineering</i> , 2011 , 60, 279-290	6.4	255
450	Interactive selection model for supplier selection process: an analytical hierarchy process approach. <i>International Journal of Production Research</i> , 2003 , 41, 3549-3579	7.8	236
449	An innovative performance measurement method for supply chain management. <i>Supply Chain Management</i> , 2003 , 8, 209-223	10	223
448	Implementation of total productive maintenance: A case study. <i>International Journal of Production Economics</i> , 2005 , 95, 71-94	9.3	199
447	Decision making for the selection of cloud vendor: An improved approach under group decision-making with integrated weights and objective/subjective attributes. <i>Expert Systems With Applications</i> , 2016 , 55, 37-47	7.8	192
446	Quantifying risks in a supply chain through integration of fuzzy AHP and fuzzy TOPSIS. <i>International Journal of Production Research</i> , 2013 , 51, 2433-2442	7.8	184
445	A RFID case-based logistics resource management system for managing order-picking operations in warehouses. <i>Expert Systems With Applications</i> , 2009 , 36, 8277-8301	7.8	184
444	Defining a Digital Twin-based Cyber-Physical Production System for autonomous manufacturing in smart shop floors. <i>International Journal of Production Research</i> , 2019 , 57, 6315-6334	7.8	178
443	A new fuzzy dempster MCDM method and its application in supplier selection. <i>Expert Systems With Applications</i> , 2011 , 38, 9854-9861	7.8	164
442	Using case-based reasoning to evaluate supplier environmental management performance. <i>Expert Systems With Applications</i> , 2003 , 25, 141-153	7.8	153
441	Feasibility of performance measurement system for supply chain: a process-based approach and measures. <i>Journal of Manufacturing Technology Management</i> , 2003 , 14, 179-190		138

440	Evaluation methodologies for technology selection. <i>Journal of Materials Processing Technology</i> , 2000 , 107, 330-337	5.3	137
439	An adaptive genetic algorithm with dominated genes for distributed scheduling problems. <i>Expert Systems With Applications</i> , 2005 , 29, 364-371	7.8	136
438	A hybrid genetic algorithm for production and distribution. <i>Omega</i> , 2005 , 33, 345-355	7.2	135
437	Urban sewage sludge, sustainability, and transition for Eco-City: Multi-criteria sustainability assessment of technologies based on best-worst method. <i>Technological Forecasting and Social Change</i> , 2017 , 116, 29-39	9.5	129
436	A conceptual model of performance measurement for supply chains. <i>Management Decision</i> , 2003 , 41, 635-642	4.4	128
435	An empirical investigation of factors affecting e-collaboration diffusion in SMEs. <i>International Journal of Production Economics</i> , 2012 , 138, 329-344	9.3	120
434	The development of intelligent decision support tools to aid the design of flexible manufacturing systems. <i>International Journal of Production Economics</i> , 2000 , 65, 73-84	9.3	115
433	Evidential Supplier Selection Based on DEMATEL and Game Theory. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1321-1333	3.6	113
432	Analysis of flexible decision strategies for sustainability-focused green product recovery system. <i>International Journal of Production Research</i> , 2013 , 51, 3428-3442	7.8	111
431	Structural equation modeling for multi-stage analysis on Radio Frequency Identification (RFID) diffusion in the health care industry. <i>Expert Systems With Applications</i> , 2012 , 39, 8645-8654	7.8	108
430	A review on manufacturing flexibility. <i>International Journal of Production Research</i> , 2013 , 51, 5946-5970	7.8	106
429	A heuristic methodology for order distribution in a demand driven collaborative supply chain. <i>International Journal of Production Research</i> , 2004 , 42, 1-19	7.8	106
428	A SEM neural network approach for understanding determinants of interorganizational system standard adoption and performances. <i>Decision Support Systems</i> , 2012 , 54, 621-630	5.6	104
427	Improving the productivity of order picking of a manual-pick and multi-level rack distribution warehouse through the implementation of class-based storage. <i>Expert Systems With Applications</i> , 2011 , 38, 2686-2700	7.8	99
426	An AHP model for selection of suppliers in the fast changing fashion market. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 51, 1195-1207	3.2	99
425	Solving distributed FMS scheduling problems subject to maintenance: Genetic algorithms approach. <i>Robotics and Computer-Integrated Manufacturing</i> , 2006 , 22, 493-504	9.2	99
424	Development of the supplier selection model – case study in the advanced technology industry. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2004 , 218, 1807-1824	2.4	96
423	A review of coordination studies in the context of supply chain dynamics. <i>International Journal of Production Research</i> , 2010 , 48, 2793-2819	7.8	88

422	A fuzzy AHP and fuzzy multi-objective linear programming model for order allocation in a sustainable supply chain: A case study. <i>International Journal of Computer Integrated Manufacturing</i> , 2017 , 30, 535-551	4.3	87
421	Can Malaysian firms improve organizational/innovation performance via SCM?. <i>Industrial Management and Data Systems</i> , 2011 , 111, 410-431	3.6	87
420	Comparative study of adaptability and flexibility in distributed manufacturing supply chains. <i>Decision Support Systems</i> , 2010 , 48, 331-341	5.6	87
419	Integration of expert system with analytic hierarchy process for the design of material handling equipment selection system. <i>Journal of Materials Processing Technology</i> , 2001 , 116, 137-145	5.3	87
418	Flexible decision modeling of reverse logistics system: A value adding MCDM approach for alternative selection. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009 , 25, 460-469	9.2	86
417	Two-stage approach for machine-part grouping and cell layout problems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2006 , 22, 217-238	9.2	83
416	Leak detection of pipeline: An integrated approach of rough set theory and artificial bee colony trained SVM. <i>Expert Systems With Applications</i> , 2012 , 39, 3071-3080	7.8	82
415	Effect of information sharing in supply chains with flexibility. <i>International Journal of Production Research</i> , 2009 , 47, 213-232	7.8	81
414	A DEMATEL-based completion method for incomplete pairwise comparison matrix in AHP. <i>Annals of Operations Research</i> , 2018 , 271, 1045-1066	3.2	79
413	A comprehensive survey and future trend of simulation study on FMS scheduling. <i>Journal of Intelligent Manufacturing</i> , 2004 , 15, 87-102	6.7	79
412	Ant colony optimization approach to a fuzzy goal programming model for a machine tool selection and operation allocation problem in an FMS. <i>Robotics and Computer-Integrated Manufacturing</i> , 2006 , 22, 353-362	9.2	78
411	An integrated approach for machine tool selection using fuzzy analytical hierarchy process and grey relational analysis. <i>International Journal of Production Research</i> , 2012 , 50, 3211-3221	7.8	76
410	Framework for flexibility in dynamic supply chain management. <i>International Journal of Production Research</i> , 2008 , 46, 1373-1404	7.8	76
409	Flexible job-shop scheduling problem under resource constraints. <i>International Journal of Production Research</i> , 2006 , 44, 2071-2089	7.8	76
408	The impact of Collaborative Transportation Management on supply chain performance: A simulation approach. <i>Expert Systems With Applications</i> , 2011 , 38, 2319-2329	7.8	75
407	A Life Cycle Framework of Green IoT-Based Agriculture and Its Finance, Operation, and Management Issues. <i>IEEE Communications Magazine</i> , 2019 , 57, 90-96	9.1	74
406	A multi-agent architecture for reverse logistics in a green supply chain. <i>International Journal of Production Research</i> , 2012 , 50, 2396-2406	7.8	73
405	Determinants of mobile supply chain management system diffusion: a structural equation analysis of manufacturing firms. <i>International Journal of Production Research</i> , 2013 , 51, 1196-1213	7.8	70

404	A new linguistic MCDM method based on multiple-criterion data fusion. <i>Expert Systems With Applications</i> , 2011 , 38, 6985-6993	7.8	70
403	Evaluation of the supplier performance using an evolutionary fuzzy-based approach. <i>Journal of Manufacturing Technology Management</i> , 2004 , 15, 735-744	7.1	70
402	A modified genetic algorithm approach for scheduling of perfect maintenance in distributed production scheduling. <i>Engineering Applications of Artificial Intelligence</i> , 2009 , 22, 1005-1014	7.2	69
401	A decision support system for supplier selection in the airline industry. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2007 , 221, 741-758	2.4	68
400	An AHP approach in benchmarking logistics performance of the postal industry. <i>Benchmarking</i> , 2006 , 13, 636-661	4	67
399	IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets. <i>International Journal of Production Research</i> , 2013 , 51, 5100-5119	7.8	66
398	Robust aircraft sequencing and scheduling problem with arrival/departure delay using the min-max regret approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017 , 106, 115-136	8.9	66
397	Collaborative buyer-supplier relationships in Hong Kong manufacturing firms. <i>Supply Chain Management</i> , 2001 , 6, 152-162	10	66
396	An adaptive multi-population differential artificial bee colony algorithm for many-objective service composition in cloud manufacturing. <i>Information Sciences</i> , 2018 , 456, 50-82	7.7	65
395	Performance optimization of a leagility inspired supply chain model: a CFGTSA algorithm based approach. <i>International Journal of Production Research</i> , 2009 , 47, 777-799	7.8	65
394	A variable weight-based hybrid approach for multi-attribute group decision making under interval-valued intuitionistic fuzzy sets. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 1015-1052	8.4	65
393	Bare bones artificial bee colony algorithm with parameter adaptation and fitness-based neighborhood. <i>Information Sciences</i> , 2015 , 316, 180-200	7.7	64
392	A survey on reverse logistics system of mobile phone industry in Hong Kong. <i>Management Decision</i> , 2008 , 46, 702-708	4.4	62
391	Design of a knowledge-based logistics strategy system. <i>Expert Systems With Applications</i> , 2005 , 29, 272-290	7.9	62
390	Investment appraisal techniques for advanced manufacturing technology (AMT): a literature review. <i>Journal of Manufacturing Technology Management</i> , 2001 , 12, 35-47		62
389	Implementing just-in-time philosophy to reverse logistics systems: a review. <i>International Journal of Production Research</i> , 2010 , 48, 6293-6313	7.8	61
388	A multi-criterion genetic algorithm for order distribution in a demand driven supply chain. <i>International Journal of Computer Integrated Manufacturing</i> , 2004 , 17, 339-351	4.3	61
387	Analysis of the determinants of consumers' m-commerce usage activities. <i>Online Information Review</i> , 2013 , 37, 443-461	2	60

386	Multicriterion genetic optimization for due date assigned distribution network problems. <i>Decision Support Systems</i> , 2005 , 39, 661-675	5.6	59
385	Review on meta-heuristics approaches for airside operation research. <i>Applied Soft Computing Journal</i> , 2018 , 66, 104-133	7.5	57
384	Application of genetic algorithms with dominant genes in a distributed scheduling problem in flexible manufacturing systems. <i>International Journal of Production Research</i> , 2006 , 44, 523-543	7.8	57
383	Integration of web-based and RFID technology in visualizing logistics operations in a case study. <i>Supply Chain Management</i> , 2007 , 12, 221-234	10	57
382	Flexibility-enabled lead-time reduction in flexible systems. <i>International Journal of Production Research</i> , 2005 , 43, 3131-3162	7.8	57
381	A joint production scheduling approach considering multiple resources and preventive maintenance tasks. <i>International Journal of Production Research</i> , 2013 , 51, 883-896	7.8	56
380	A genetic algorithm for facility layout problems. <i>Computer Integrated Manufacturing Systems</i> , 1998 , 11, 113-127		56
379	FMS scheduling with knowledge based genetic algorithm approach. <i>Expert Systems With Applications</i> , 2011 , 38, 3161-3171	7.8	55
378	The State of the Art in Simulation Study on FMS Scheduling: A Comprehensive Survey. <i>International Journal of Advanced Manufacturing Technology</i> , 2002 , 19, 830-849	3.2	55
377	Inventory management in a lateral collaborative manufacturing supply chain: a simulation study. <i>International Journal of Production Research</i> , 2012 , 50, 4670-4685	7.8	54
376	The effects of routing flexibility on a flexible manufacturing system. <i>International Journal of Computer Integrated Manufacturing</i> , 2001 , 14, 431-445	4.3	53
375	A framework of reverse logistics for the automobile industry. <i>International Journal of Production Research</i> , 2012 , 50, 1318-1331	7.8	52
374	The relevance of outsourcing and leagile strategies in performance optimization of an integrated process planning and scheduling model. <i>International Journal of Production Research</i> , 2009 , 47, 119-142	7.8	52
373	Multi-criteria genetic optimization for distribution network problems. <i>International Journal of Advanced Manufacturing Technology</i> , 2004 , 24, 517-532	3.2	52
372	A resource-constrained assembly job shop scheduling problem with Lot Streaming technique. <i>Computers and Industrial Engineering</i> , 2009 , 57, 983-995	6.4	51
371	A fuzzy guided multi-objective evolutionary algorithm model for solving transportation problem. <i>Expert Systems With Applications</i> , 2009 , 36, 8255-8268	7.8	49
370	Cell formation problem with consideration of both intracellular and intercellular movements. <i>International Journal of Production Research</i> , 2008 , 46, 2589-2620	7.8	48
369	Determinants of loyalty to public transit: A model integrating Satisfaction-Loyalty Theory and Expectation-Confirmation Theory. <i>Transportation Research, Part A: Policy and Practice</i> , 2018 , 113, 476-490	3.7	48

368	Artificial bee colony algorithm with multiple search strategies. <i>Applied Mathematics and Computation</i> , 2015 , 271, 269-287	2.7	47
367	Supplier selection based on evidence theory and analytic network process. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2016 , 230, 562-573	2.4	47
366	Optimizing replenishment polices using Genetic Algorithm for single-warehouse multi-retailer system. <i>Expert Systems With Applications</i> , 2012 , 39, 3081-3086	7.8	47
365	Analysis of Performance Focused Variables for Multi-Objective Flexible Decision Modeling Approach of Product Recovery Systems. <i>Global Journal of Flexible Systems Management</i> , 2012 , 13, 77-86	5.9	47
364	Comparative performance analysis of a flexible manufacturing system (FMS): a review-period-based control. <i>International Journal of Production Research</i> , 2008 , 46, 1-24	7.8	47
363	Lot streaming for product assembly in job shop environment. <i>Robotics and Computer-Integrated Manufacturing</i> , 2008 , 24, 321-331	9.2	47
362	Application of a hybrid case-based reasoning approach in electroplating industry. <i>Expert Systems With Applications</i> , 2005 , 29, 121-130	7.8	47
361	Fuzzy goal-programming model with an artificial immune system (AIS) approach for a machine tool selection and operation allocation problem in a flexible manufacturing system. <i>International Journal of Production Research</i> , 2005 , 43, 4147-4163	7.8	47
360	Emergy based sustainability evaluation of remanufacturing machining systems. <i>Energy</i> , 2018 , 150, 670-680	7.9	46
359	A new optimal consensus method with minimum cost in fuzzy group decision. <i>Knowledge-Based Systems</i> , 2012 , 35, 357-360	7.3	46
358	Effects of information transparency and cooperation on supply chain performance: a simulation study. <i>International Journal of Production Research</i> , 2010 , 48, 145-166	7.8	46
357	Optimizing the intermodal transportation of emergency medical supplies using balanced fuzzy clustering. <i>International Journal of Production Research</i> , 2016 , 54, 4368-4386	7.8	46
356	D-CFPR: D numbers extended consistent fuzzy preference relations. <i>Knowledge-Based Systems</i> , 2015 , 73, 61-68	7.3	45
355	Management of sustainable manufacturing systems-a review on mathematical problems. <i>International Journal of Production Research</i> , 2017 , 55, 1210-1225	7.8	44
354	Channel coordination of a two-echelon sustainable supply chain with a fair-minded retailer under cap-and-trade regulation. <i>Journal of Cleaner Production</i> , 2020 , 244, 118715	10.3	44
353	How important are supply chain collaborative factors in supply chain finance? A view of financial service providers in China. <i>International Journal of Production Economics</i> , 2020 , 219, 341-346	9.3	44
352	Maintenance policy selection in manufacturing firms using the fuzzy MCDM approach. <i>International Journal of Production Research</i> , 2012 , 50, 7044-7056	7.8	43
351	Organizing a virtual manufacturing enterprise: an analytic network process based approach for enterprise flexibility. <i>International Journal of Production Research</i> , 2009 , 47, 163-186	7.8	43

350	The future trend on system-wide modelling in supply chain studies. <i>International Journal of Advanced Manufacturing Technology</i> , 2005 , 25, 820-832	3.2	43
349	An integrated approach for logistic and vendor managed inventory in supply chain. <i>Expert Systems With Applications</i> , 2010 , 37, 39-44	7.8	42
348	A review of performance measurement systems for supply chain management. <i>International Journal of Business Performance Management</i> , 2006 , 8, 110	0.7	42
347	Optimization of Order Fulfillment in Distribution Network Problems. <i>Journal of Intelligent Manufacturing</i> , 2006 , 17, 307-319	6.7	42
346	Multi-attribute group decision-making with multi-granularity linguistic assessment information: An improved approach based on deviation and TOPSIS. <i>Applied Mathematical Modelling</i> , 2013 , 37, 10129-10140	4.5	41
345	Analysis of dynamic dispatching rules for a flexible manufacturing system. <i>Journal of Materials Processing Technology</i> , 2003 , 138, 325-331	5.3	41
344	Do interorganisational relationships and knowledge-management practices enhance collaborative commerce adoption?. <i>International Journal of Production Research</i> , 2013 , 51, 2006-2018	7.8	40
343	Digraph and matrix method to evaluate the machinability of tungsten carbide composite with wire EDM. <i>International Journal of Advanced Manufacturing Technology</i> , 2011 , 56, 959-974	3.2	40
342	On-line order batching and sequencing problem with multiple pickers: A hybrid rule-based algorithm. <i>Applied Mathematical Modelling</i> , 2017 , 45, 271-284	4.5	39
341	Understanding the effect of cloud computing on organizational agility: An empirical examination. <i>International Journal of Information Management</i> , 2018 , 43, 98-111	16.4	39
340	An integrated closed-loop supply chain model with location allocation problem and product recycling decisions. <i>International Journal of Production Research</i> , 2015 , 53, 3120-3140	7.8	39
339	A systematic approach to manufacturing packaging logistics. <i>International Journal of Advanced Manufacturing Technology</i> , 2006 , 29, 1088-1101	3.2	39
338	A holonic architecture of the concurrent integrated process planning system. <i>Journal of Materials Processing Technology</i> , 2003 , 139, 267-272	5.3	39
337	Auction-based approach to resolve the scheduling problem in the steel making process. <i>International Journal of Production Research</i> , 2006 , 44, 1503-1522	7.8	38
336	Quasi-Newton methods for solving multiobjective optimization. <i>Operations Research Letters</i> , 2011 , 39, 397-399	1	37
335	Effect of kanban size on just-in-time manufacturing systems. <i>Journal of Materials Processing Technology</i> , 2001 , 116, 146-160	5.3	37
334	A three-stage and multi-objective stochastic programming model to improve the sustainable rescue ability by considering secondary disasters in emergency logistics. <i>Computers and Industrial Engineering</i> , 2019 , 135, 1145-1154	6.4	36
333	A fuzzy extended analytic network process-based approach for global supplier selection. <i>Applied Intelligence</i> , 2015 , 43, 760-772	4.9	36

332	Design and evaluation of automated cellular manufacturing systems with simulation modelling and AHP approach: a case study. <i>Journal of Manufacturing Technology Management</i> , 1996 , 7, 39-52		36
331	Predicting the consumer's purchase intention of durable goods: An attribute-level analysis. <i>Journal of Business Research</i> , 2019 , 94, 408-419	8.7	36
330	A simulation study with quantity flexibility in a supply chain subjected to uncertainties. <i>International Journal of Computer Integrated Manufacturing</i> , 2006 , 19, 148-160	4.3	35
329	A Granular GA-SVM Predictor for Big Data in Agricultural Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6510-6521	11.9	34
328	An evidential game theory framework in multi-criteria decision making process. <i>Applied Mathematics and Computation</i> , 2014 , 244, 783-793	2.7	34
327	Inventory management of perishable products: a time decay linked logistic approach. <i>International Journal of Production Research</i> , 2013 , 51, 3864-3879	7.8	34
326	The application of genetic algorithms to lot streaming in a job-shop scheduling problem. <i>International Journal of Production Research</i> , 2009 , 47, 3387-3412	7.8	34
325	Agent oriented petroleum supply chain coordination: Co-evolutionary Particle Swarm Optimization based approach. <i>Expert Systems With Applications</i> , 2011 , 38, 6132-6145	7.8	33
324	A fuzzy integrated decision-making support system for scheduling of FMS using simulation. <i>Computer Integrated Manufacturing Systems</i> , 1997 , 10, 27-34		33
323	Development of a decision support system for air-cargo pallets loading problem: A case study. <i>Expert Systems With Applications</i> , 2006 , 31, 472-485	7.8	33
322	Evaluating the Drivers to Information and Communication Technology for Effective Sustainability Initiatives in Supply Chains. <i>International Journal of Information Technology and Decision Making</i> , 2018 , 17, 311-338	2.8	33
321	Lean principles and simulation optimization for emergency department layout design. <i>Industrial Management and Data Systems</i> , 2015 , 115, 678-699	3.6	32
320	Pareto mimic algorithm: An approach to the team orienteering problem. <i>Omega</i> , 2016 , 61, 155-166	7.2	32
319	A modified multi-criterion optimization genetic algorithm for order distribution in collaborative supply chain. <i>Applied Mathematical Modelling</i> , 2013 , 37, 7855-7864	4.5	32
318	An introduction of dominant genes in genetic algorithm for FMS. <i>International Journal of Production Research</i> , 2008 , 46, 4369-4389	7.8	32
317	Analysis of dynamic control strategies of an FMS under different scenarios. <i>Robotics and Computer-Integrated Manufacturing</i> , 2004 , 20, 423-437	9.2	32
316	Hybrid tabu-simulated annealing based approach to solve multi-constraint product mix decision problem. <i>Expert Systems With Applications</i> , 2005 , 29, 446-454	7.8	32
315	Airline schedule planning: a review and future directions. <i>Industrial Management and Data Systems</i> , 2017 , 117, 1201-1243	3.6	31

314	Flexibility and adaptability in supply chains: a lesson learnt from a practitioner. <i>Supply Chain Management</i> , 2009 , 14, 407-410	10	31
313	A RFID-case-based sample management system for fashion product development. <i>Engineering Applications of Artificial Intelligence</i> , 2009 , 22, 882-896	7.2	31
312	Aggregate procurement, production, and shipment planning decision problem for a three-echelon supply chain using swarm-based heuristics. <i>International Journal of Production Research</i> , 2011 , 49, 2873-2905	7.8	31
311	Increase in flexibility: productive or counterproductive? A study on the physical and operating characteristics of a flexible manufacturing system. <i>International Journal of Production Research</i> , 2006 , 44, 1431-1445	7.8	31
310	Real time fuzzy scheduling rules in FMS. <i>Journal of Intelligent Manufacturing</i> , 2003 , 14, 341-350	6.7	31
309	An intelligent physarum solver for supply chain network design under profit maximization and oligopolistic competition. <i>International Journal of Production Research</i> , 2017 , 55, 244-263	7.8	30
308	A workload balancing genetic algorithm for the quay crane scheduling problem. <i>International Journal of Production Research</i> , 2013 , 51, 4820-4834	7.8	30
307	A study of distribution center location based on the rough sets and interactive multi-objective fuzzy decision theory. <i>Robotics and Computer-Integrated Manufacturing</i> , 2011 , 27, 426-433	9.2	30
306	Integrated scheduling of a multi-product multi-factory manufacturing system with maritime transport limits. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 79, 110-127	9	29
305	A two-stage robust optimisation for terminal traffic flow problem. <i>Applied Soft Computing Journal</i> , 2020 , 89, 106048	7.5	29
304	Study on suppliers' flexibility in supply chains: is real-time control necessary?. <i>International Journal of Production Research</i> , 2009 , 47, 965-987	7.8	29
303	A superiority search and optimisation algorithm to solve RFID and an environmental factor embedded closed loop logistics model. <i>International Journal of Production Research</i> , 2011 , 49, 4807-4837	7.8	29
302	An individual dependent multi-colony artificial bee colony algorithm. <i>Information Sciences</i> , 2019 , 485, 114-140	7.7	28
301	A new model for manufacturing supply chain networks: A multiagent approach. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2004 , 218, 443-454	2.4	28
300	Hidden Markov model-based autonomous manufacturing task orchestration in smart shop floors. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020 , 61, 101845	9.2	28
299	An innovative supply chain performance measurement system incorporating Research and Development (R&D) and marketing policy. <i>Computers and Industrial Engineering</i> , 2014 , 69, 64-70	6.4	27
298	Multi-objective configuration optimization for product-extension service. <i>Journal of Manufacturing Systems</i> , 2015 , 37, 113-125	9.1	27
297	A two-stage analysis of the influences of employee alignment on effecting business' alignment. <i>Decision Support Systems</i> , 2012 , 53, 490-498	5.6	27

296	A fuzzy approach to operation selection. <i>Engineering Applications of Artificial Intelligence</i> , 1997 , 10, 345-356	3.56	27
295	Effective allocation of customers to distribution centres: A multiple ant colony optimization approach. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009 , 25, 1-12	9.2	26
294	A genetic algorithm-based scheduler for multiproduct parallel machine sheet metal job shop. <i>Expert Systems With Applications</i> , 2011 , 38, 8703-8715	7.8	26
293	Integration of manufacturing and distribution networks in a global car company [network models and numerical simulation. <i>International Journal of Production Research</i> , 2011 , 49, 3127-3149	7.8	26
292	Development of performance measurement system in managing supplier relationship for maintenance logistics providers. <i>Benchmarking</i> , 2007 , 14, 352-368	4	26
291	Design of material handling equipment selection system: an integration of expert system with analytic hierarchy process approach. <i>Journal of Manufacturing Technology Management</i> , 2002 , 13, 58-68		26
290	A simulation approach in supply chain management. <i>Journal of Manufacturing Technology Management</i> , 2002 , 13, 117-122		26
289	A real-time warehouse operations planning system for small batch replenishment problems in production environment. <i>Expert Systems With Applications</i> , 2011 , 38, 8524-8537	7.8	25
288	Inventory performance of some supply chain inventory policies under impulse demands. <i>International Journal of Production Research</i> , 2009 , 47, 3307-3332	7.8	25
287	Agriculture IoT: Emerging Trends, Cooperation Networks, and Outlook. <i>IEEE Wireless Communications</i> , 2019 , 26, 56-63	13.4	25
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