

Loo Hay Lee

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176
papers

3,898
citations

33
h-index

55
g-index

196
ext. papers

4,688
ext. citations

4.1
avg, IF

5.82
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 176 | Analysis for strategy of closed-loop supply chain with dual recycling channel. <i>International Journal of Production Economics</i> , 2013 , 144, 510-520 | 9.3 | 230 |
| 175 | Towards enhancing the last-mile delivery: An effective crowd-tasking model with scalable solutions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 93, 279-293 | 9 | 163 |
| 174 | An Integrated Model for Berth Template and Yard Template Planning in Transshipment Hubs. <i>Transportation Science</i> , 2011 , 45, 483-504 | 4.4 | 142 |
| 173 | Efficient Simulation Budget Allocation for Selecting an Optimal Subset. <i>INFORMS Journal on Computing</i> , 2008 , 20, 579-595 | 2.4 | 135 |
| 172 | An optimization model for storage yard management in transshipment hubs. <i>OR Spectrum</i> , 2006 , 28, 539-561 | 1.9 | 126 |
| 171 | Enhancing transportation systems via deep learning: A survey. <i>Transportation Research Part C: Emerging Technologies</i> , 2019 , 99, 144-163 | 8.4 | 121 |
| 170 | A decision model for berth allocation under uncertainty. <i>European Journal of Operational Research</i> , 2011 , 212, 54-68 | 5.6 | 115 |
| 169 | Simulation Optimization: A Review and Exploration in the New Era of Cloud Computing and Big Data. <i>Asia-Pacific Journal of Operational Research</i> , 2015 , 32, 1550019 | 0.8 | 103 |
| 168 | A study on bunker fuel management for the shipping liner services. <i>Computers and Operations Research</i> , 2012 , 39, 1160-1172 | 4.6 | 101 |
| 167 | A yard storage strategy for minimizing traffic congestion in a marine container transshipment hub. <i>OR Spectrum</i> , 2008 , 30, 697-720 | 1.9 | 96 |
| 166 | Finding the non-dominated Pareto set for multi-objective simulation models. <i>IIE Transactions</i> , 2010 , 42, 656-674 | | 95 |
| 165 | Multi-objective simulation-based evolutionary algorithm for an aircraft spare parts allocation problem. <i>European Journal of Operational Research</i> , 2008 , 189, 476-491 | 5.6 | 75 |
| 164 | Daily berth planning in a tidal port with channel flow control. <i>Transportation Research Part B: Methodological</i> , 2017 , 106, 193-217 | 7.2 | 73 |
| 163 | Approximate Simulation Budget Allocation for Selecting the Best Design in the Presence of Stochastic Constraints. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 2940-2945 | 5.9 | 71 |
| 162 | A container yard storage strategy for improving land utilization and operation efficiency in a transshipment hub port. <i>European Journal of Operational Research</i> , 2012 , 221, 64-73 | 5.6 | 66 |
| 161 | Simulation optimization in the era of Industrial 4.0 and the Industrial Internet. <i>Journal of Simulation</i> , 2016 , 10, 310-320 | 1.9 | 65 |
| 160 | The sample average approximation method for empty container repositioning with uncertainties. <i>European Journal of Operational Research</i> , 2012 , 222, 65-75 | 5.6 | 57 |

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| 159 | A multi-objective genetic algorithm for robust flight scheduling using simulation. <i>European Journal of Operational Research</i> , 2007 , 177, 1948-1968 | 5.6 | 57 |
| 158 | A Data-Driven and Optimal Bus Scheduling Model With Time-Dependent Traffic and Demand. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 2443-2452 | 6.1 | 51 |
| 157 | MO2TOS: Multi-Fidelity Optimization with Ordinal Transformation and Optimal Sampling. <i>Asia-Pacific Journal of Operational Research</i> , 2016 , 33, 1650017 | 0.8 | 51 |
| 156 | Container transshipment and port competition. <i>Maritime Policy and Management</i> , 2013 , 40, 479-494 | 2.5 | 51 |
| 155 | Port connectivity study: An analysis framework from a global container liner shipping network perspective. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 73, 47-64 | 9 | 49 |
| 154 | Simulation optimization via kriging: a sequential search using expected improvement with computing budget constraints. <i>IIE Transactions</i> , 2013 , 45, 763-780 | | 49 |
| 153 | Stochastically Constrained Ranking and Selection via SCORE. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2015 , 25, 1-26 | 0.6 | 48 |
| 152 | MicroPort: A general simulation platform for seaport container terminals. <i>Advanced Engineering Informatics</i> , 2012 , 26, 80-89 | 7.4 | 47 |
| 151 | Multi-source facility location-allocation and inventory problem. <i>European Journal of Operational Research</i> , 2010 , 207, 750-762 | 5.6 | 46 |
| 150 | A study on the selection of benchmarking paths in DEA. <i>Expert Systems With Applications</i> , 2011 , 38, 7665-7673 | 7.3 | 43 |
| 149 | Explanation of goal softening in ordinal optimization. <i>IEEE Transactions on Automatic Control</i> , 1999 , 44, 94-99 | 5.9 | 43 |
| 148 | Simulation optimization using the cross-entropy method with optimal computing budget allocation. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2010 , 20, 1-22 | 0.6 | 39 |
| 147 | A Simulation Budget Allocation Procedure for Enhancing the Efficiency of Optimal Subset Selection. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 62-75 | 5.9 | 37 |
| 146 | Vehicle capacity planning system: a case study on vehicle routing problem with time windows. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2003 , 33, 169-178 | | 37 |
| 145 | Vehicle dispatching algorithms for container transshipment hubs. <i>OR Spectrum</i> , 2010 , 32, 663-685 | 1.9 | 33 |
| 144 | An optimisation framework for yard planning in a container terminal: case with automated rail-mounted gantry cranes. <i>OR Spectrum</i> , 2010 , 32, 519-541 | 1.9 | 33 |
| 143 | Optimal Computing Budget Allocation for Particle Swarm Optimization in Stochastic Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2017 , 21, 206-219 | 15.6 | 32 |
| 142 | Supply chain performance measurement system: a Monte Carlo DEA-based approach. <i>International Journal of Industrial and Systems Engineering</i> , 2008 , 3, 162 | 0.4 | 31 |

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| 141 | Flexible space-sharing strategy for storage yard management in a transshipment hub port. <i>OR Spectrum</i> , 2013 , 35, 417-439 | 1.9 | 30 |
| 140 | A Comparative Study on Two Types of Automated Container Terminal Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2012 , 9, 56-69 | 4.9 | 28 |
| 139 | Integration of indifference-zone with multi-objective computing budget allocation. <i>European Journal of Operational Research</i> , 2010 , 203, 419-429 | 5.6 | 28 |
| 138 | Bunkering decisions for a shipping liner in an uncertain environment with service contract. <i>European Journal of Operational Research</i> , 2015 , 244, 792-802 | 5.6 | 26 |
| 137 | Enhancement of supply chain resilience through inter-echelon information sharing. <i>Flexible Services and Manufacturing Journal</i> , 2017 , 29, 260-285 | 1.8 | 25 |
| 136 | Multicommodity network flow model for Asia's container ports. <i>Maritime Policy and Management</i> , 2006 , 33, 387-402 | 2.5 | 25 |
| 135 | An efficient simulation procedure for ranking the top simulated designs in the presence of stochastic constraints. <i>Automatica</i> , 2019 , 103, 106-115 | 5.7 | 24 |
| 134 | Optimal Computing Budget Allocation for Complete Ranking. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014 , 11, 516-524 | 4.9 | 24 |
| 133 | Dynamic inventory rationing for systems with multiple demand classes and general demand processes. <i>International Journal of Production Economics</i> , 2012 , 139, 351-358 | 9.3 | 24 |
| 132 | MO-COMPASS: a fast convergent search algorithm for multi-objective discrete optimization via simulation. <i>IIE Transactions</i> , 2015 , 47, 1153-1169 | | 23 |
| 131 | Multi-objective ordinal optimization for simulation optimization problems. <i>Automatica</i> , 2007 , 43, 1884-1895 | 18.95 | 23 |
| 130 | Capacity planning for mega container terminals with multi-objective and multi-fidelity simulation optimization. <i>IIE Transactions</i> , 2017 , 49, 849-862 | 3.3 | 22 |
| 129 | Simulation budget allocation for simultaneously selecting the best and worst subsets. <i>Automatica</i> , 2017 , 84, 117-127 | 5.7 | 22 |
| 128 | Dynamic determination of vessel speed and selection of bunkering ports for liner shipping under stochastic environment. <i>OR Spectrum</i> , 2014 , 36, 455-480 | 1.9 | 22 |
| 127 | Ranking and Selection: Efficient Simulation Budget Allocation. <i>Profiles in Operations Research</i> , 2015 , 45-80 | | 22 |
| 126 | A dynamic joint replenishment policy with auto-correlated demand. <i>European Journal of Operational Research</i> , 2005 , 165, 729-747 | 5.6 | 21 |
| 125 | Model and algorithm for 4PLRP with uncertain delivery time. <i>Information Sciences</i> , 2016 , 330, 211-225 | 7.7 | 21 |
| 124 | A capacity pricing and reservation problem under option contract in the air cargo freight industry. <i>Computers and Industrial Engineering</i> , 2017 , 110, 560-572 | 6.4 | 20 |

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| 123 | 4PL routing optimization under emergency conditions. <i>Knowledge-Based Systems</i> , 2015 , 89, 126-133 | 7.3 | 20 |
| 122 | An Efficient Simulation Budget Allocation Method Incorporating Regression for Partitioned Domains. <i>Automatica</i> , 2014 , 50, 1391-1400 | 5.7 | 20 |
| 121 | Design and evaluation of mega container terminal configurations: An integrated simulation framework. <i>Simulation</i> , 2013 , 89, 684-692 | 1.2 | 20 |
| 120 | Last-mile delivery: Optimal locker location under multinomial logit choice model. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020 , 142, 102059 | 9 | 20 |
| 119 | Fourth party logistics routing problem model with fuzzy duration time and cost discount. <i>Knowledge-Based Systems</i> , 2013 , 50, 14-24 | 7.3 | 19 |
| 118 | Adjust weight vectors in MOEA/D for bi-objective optimization problems with discontinuous Pareto fronts. <i>Soft Computing</i> , 2018 , 22, 3997-4012 | 3.5 | 18 |
| 117 | A multi-objective selection procedure of determining a Pareto set. <i>Computers and Operations Research</i> , 2009 , 36, 1872-1879 | 4.6 | 18 |
| 116 | . <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 76, 76-92 | 9 | 17 |
| 115 | Memetic algorithm for real-time combinatorial stochastic simulation optimization problems with performance analysis. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1495-509 | 10.2 | 17 |
| 114 | Advances in simulation optimization and its applications. <i>IIE Transactions</i> , 2013 , 45, 683-684 | | 17 |
| 113 | Optimal Computing Budget Allocation for constrained optimization 2009 , | | 17 |
| 112 | Joint design of fleet size, hub locations, and hub capacities for third-party logistics networks with road congestion constraints. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018 , 118, 568-588 | 9 | 17 |
| 111 | Short-term space allocation for storage yard management in a transshipment hub port. <i>OR Spectrum</i> , 2014 , 36, 879-901 | 1.9 | 16 |
| 110 | A novel approach to yard planning under vessel arrival uncertainty. <i>Flexible Services and Manufacturing Journal</i> , 2012 , 24, 274-293 | 1.8 | 16 |
| 109 | Efficient simulation budget allocation with regression. <i>IIE Transactions</i> , 2013 , 45, 291-308 | | 16 |
| 108 | Optimal Budget Allocation Rule for Simulation Optimization Using Quadratic Regression in Partitioned Domains. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 1047-1062 | 7.3 | 15 |
| 107 | Analysis on container port capacity: a Markovian modeling approach. <i>OR Spectrum</i> , 2014 , 36, 425-454 | 1.9 | 15 |
| 106 | Optimal bunkering contract in a buyer-seller supply chain under price and consumption uncertainty. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 77, 77-94 | 9 | 14 |

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| 105 | Dynamic rationing and ordering policies for multiple demand classes. <i>OR Spectrum</i> , 2013 , 35, 127-151 | 1.9 | 14 |
| 104 | Differentiated service inventory optimization using nested partitions and MOCBA. <i>Computers and Operations Research</i> , 2009 , 36, 1703-1710 | 4.6 | 14 |
| 103 | Simulation optimization using the Particle Swarm Optimization with optimal computing budget allocation 2011 , | | 14 |
| 102 | An introduction and performance evaluation of the GRID system for transshipment terminals. <i>Simulation</i> , 2016 , 92, 277-293 | 1.2 | 13 |
| 101 | Simulation optimization using genetic algorithms with optimal computing budget allocation. <i>Simulation</i> , 2014 , 90, 1146-1157 | 1.2 | 13 |
| 100 | A simple recovery strategy for economic lot scheduling problem: A two-product case. <i>International Journal of Production Economics</i> , 2005 , 98, 97-107 | 9.3 | 13 |
| 99 | Stochastic optimization using grey wolf optimization with optimal computing budget allocation. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107154 | 7.5 | 13 |
| 98 | Optimal Computing Budget Allocation to Select the Nondominated Systems A Large Deviations Perspective. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2913-2927 | 5.9 | 12 |
| 97 | Improving Analytic Hierarchy Process Expert Allocation Using Optimal Computing Budget Allocation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 1140-1147 | 7.3 | 12 |
| 96 | Computing budget allocation rules for multi-objective simulation models based on different measures of selection quality. <i>Automatica</i> , 2010 , 46, 1935-1950 | 5.7 | 12 |
| 95 | A general framework on the simulation-based optimization under fixed computing budget. <i>European Journal of Operational Research</i> , 2006 , 174, 1828-1841 | 5.6 | 12 |
| 94 | Optimal computing budget allocation for complete ranking with input uncertainty. <i>IIE Transactions</i> , 2020 , 52, 489-499 | 3.3 | 12 |
| 93 | Tree based searching approaches for integrated vehicle dispatching and container allocation in a transshipment hub. <i>Expert Systems With Applications</i> , 2017 , 74, 139-150 | 7.8 | 11 |
| 92 | Information-Based Allocation Strategy for GRID-Based Transshipment Automated Container Terminal. <i>Transportation Science</i> , 2018 , 52, 707-721 | 4.4 | 11 |
| 91 | A column generation approach for the route planning problem in fourth party logistics. <i>Journal of the Operational Research Society</i> , 2017 , 68, 165-181 | 2 | 11 |
| 90 | DEA based on strongly efficient and inefficient frontiers and its application on port efficiency measurement. <i>OR Spectrum</i> , 2012 , 34, 943-969 | 1.9 | 10 |
| 89 | Robust parameter design for system dynamics models: a formal approach based on goal-seeking behavior. <i>System Dynamics Review</i> , 2012 , 28, 230-254 | 1.6 | 10 |
| 88 | Component commonality in assembled-to-stock systems. <i>IIE Transactions</i> , 2006 , 38, 239-251 | | 10 |

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| 87 | Stochastic Simulation Optimization for Discrete Event Systems 2013 , | | 10 |
| 86 | Frame Trolley Dispatching Algorithm for the Frame Bridge Based Automated Container Terminal. <i>Transportation Science</i> , 2018 , 52, 722-737 | 4.4 | 9 |
| 85 | An ordinal transformation framework for multi-fidelity simulation optimization 2014 , | | 9 |
| 84 | Budget Allocation for Effective Data Collection in Predicting an Accurate DEA Efficiency Score. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 1235-1246 | 5.9 | 9 |
| 83 | Analysis on high throughput layout of container yards. <i>International Journal of Production Research</i> , 2018 , 56, 5345-5364 | 7.8 | 8 |
| 82 | A decomposition method to analyze the performance of frame bridge based automated container terminal. <i>Expert Systems With Applications</i> , 2014 , 41, 357-365 | 7.8 | 8 |
| 81 | An effective learning procedure for multi-fidelity simulation optimization with ordinal transformation 2015 , | | 8 |
| 80 | 2015 , | | 8 |
| 79 | Impacts of supplier knowledge sharing competences and production capacities on radical innovative product sourcing. <i>European Journal of Operational Research</i> , 2014 , 232, 41-51 | 5.6 | 8 |
| 78 | A new approach to discrete stochastic optimization problems. <i>European Journal of Operational Research</i> , 2006 , 172, 761-782 | 5.6 | 8 |
| 77 | Finding the pareto set for multi-objective simulation models by minimization of expected opportunity cost 2007 , | | 8 |
| 76 | A Sequential Budget Allocation Framework for Simulation Optimization. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017 , 14, 1185-1194 | 4.9 | 7 |
| 75 | Balancing Search and Estimation in Random Search Based Stochastic Simulation Optimization. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3593-3598 | 5.9 | 7 |
| 74 | Dual-channel component replenishment problem in an assemble-to-order system. <i>IIE Transactions</i> , 2013 , 45, 229-243 | | 7 |
| 73 | The value of Electronic Marketplace in a perishable product inventory system with auto-correlated demand. <i>OR Spectrum</i> , 2007 , 29, 627-641 | 1.9 | 7 |
| 72 | Efficient Simulation Sampling Allocation Using Multifidelity Models. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3156-3169 | 5.9 | 7 |
| 71 | A systematic model of stable multilateral automated negotiation in e-market environment. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 74, 134-145 | 7.2 | 7 |
| 70 | Inventory control policy for a periodic review system with expediting. <i>Applied Mathematical Modelling</i> , 2017 , 49, 375-393 | 4.5 | 6 |

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|----|---|-----|---|
| 69 | Sample average approximation under non-i.i.d. sampling for stochastic empty container repositioning problem. <i>OR Spectrum</i> , 2015 , 37, 389-405 | 1.9 | 6 |
| 68 | Quantifying the Effect of Sharing Information in a Supply Chain Facing Supply Disruptions. <i>Asia-Pacific Journal of Operational Research</i> , 2016 , 33, 1650029 | 0.8 | 6 |
| 67 | The impact of supply chain visibility when lead time is random. <i>OR Spectrum</i> , 2013 , 35, 163-190 | 1.9 | 6 |
| 66 | An improved simulation budget allocation procedure to efficiently select the optimal subset of many alternatives 2012 , | | 6 |
| 65 | | | 6 |
| 64 | Discrete event simulation model for airline operations: SIMAIR | | 6 |
| 63 | An optimization model for storage yard management in transshipment hubs 2007 , 107-129 | | 6 |
| 62 | Mixed bundle retailing under a stochastic market. <i>Flexible Services and Manufacturing Journal</i> , 2015 , 27, 606-629 | 1.8 | 5 |
| 61 | A study on multi-objective particle swarm optimization with weighted scalarizing functions 2014 , | | 5 |
| 60 | Performance Analysis on Transfer Platforms in Frame Bridge Based Automated Container Terminals. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8 | 1.1 | 5 |
| 59 | Optimal sampling laws for constrained simulation optimization on finite sets: The bivariate normal case 2011 , | | 5 |
| 58 | Design sampling and replication assignment under fixed computing budget. <i>Journal of Systems Science and Systems Engineering</i> , 2005 , 14, 289-307 | 1.2 | 5 |
| 57 | Integration of Statistical Selection with Search Mechanism for Solving Multi-Objective Simulation-Optimization Problems 2006 , | | 5 |
| 56 | Mechanism design in project procurement auctions with cost uncertainty and failure risk. <i>Journal of Industrial and Management Optimization</i> , 2019 , 15, 131-157 | 2 | 5 |
| 55 | Innovative Container Terminals to Improve Global Container Transport Chains. <i>Profiles in Operations Research</i> , 2015 , 3-41 | 1 | 5 |
| 54 | 2016 , | | 5 |
| 53 | Optimal Computing Budget Allocation for Stochastic NkS Problem in the Power Grid System. <i>IEEE Transactions on Reliability</i> , 2019 , 68, 778-789 | 4.6 | 4 |
| 52 | A simulation study for next generation transshipment port 2014 , | | 4 |

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| 51 | A simulation study on the uses of shuttle carriers in the container yard 2007 , | | 4 |
| 50 | Application of multi-objective simulation-optimization techniques to inventory management problems | | 4 |
| 49 | Evolutionary Algorithm for an Inventory Location Problem. <i>Studies in Computational Intelligence</i> , 2007 , 613-628 | 0.8 | 4 |
| 48 | Ranking and selection for terminating simulation under sequential sampling. <i>IIE Transactions</i> , 2021 , 53, 735-750 | 3.3 | 4 |
| 47 | CHALLENGES AND OPPORTUNITIES IN INTEGRATION OF SIMULATION AND OPTIMIZATION IN MARITIME LOGISTICS 2018 , | | 4 |
| 46 | Production planning and inventory control for a two-product recovery system. <i>IIE Transactions</i> , 2015 , 47, 1342-1362 | | 3 |
| 45 | . <i>IEEE Access</i> , 2019 , 7, 68540-68556 | 3.5 | 3 |
| 44 | A study on crate sizing problems. <i>International Journal of Production Research</i> , 2015 , 53, 3341-3353 | 7.8 | 3 |
| 43 | Multi-objective compass for discrete optimization via simulation 2011 , | | 3 |
| 42 | A study on port design automation concept 2008 , | | 3 |
| 41 | A preliminary study on using Data Envelopment Analysis (DEA) in measuring supply chain efficiency. <i>International Journal of Applied Systemic Studies</i> , 2007 , 1, 188 | 0.9 | 3 |
| 40 | An illustrative case study on application of learning based ordinal optimization approach to complex deterministic problem. <i>European Journal of Operational Research</i> , 2006 , 174, 265-277 | 5.6 | 3 |
| 39 | Consistency matters: Revisiting the structural complexity for supply chain networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 572, 125862 | 3.3 | 3 |
| 38 | Classification and literature review on the integration of simulation and optimization in maritime logistics studies. <i>IIE Transactions</i> , 2021 , 1-39 | 3.3 | 3 |
| 37 | 2017 , | | 2 |
| 36 | 2017 , | | 2 |
| 35 | Determining the optimal sampling set size for random search 2013 , | | 2 |
| 34 | Minimizing opportunity cost in selecting the best feasible design 2013 , | | 2 |

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| 33 | The Impacts of an Electronic Marketplace with Multiple Independent Retailers for Smart Grocery Ordering Systems. <i>Wireless Personal Communications</i> , 2011 , 60, 475-487 | 1.9 | 2 |
| 32 | Stochastic systems simulation optimization. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2011 , 6, 468-480 | | 2 |
| 31 | A simulation approach in estimating the impact of channel on port capacity. <i>World Review of Intermodal Transportation Research</i> , 2007 , 1, 343 | 0.5 | 2 |
| 30 | RECENT DEVELOPMENT OF MARITIME LOGISTICS 2011 , 49-67 | | 2 |
| 29 | Fourth-party logistics network design with service time constraint under stochastic demand. <i>Journal of Intelligent Manufacturing</i> ,1 | 6.7 | 2 |
| 28 | 2016 , | | 2 |
| 27 | 2016 , | | 2 |
| 26 | 2016 , | | 2 |
| 25 | Optimal budget allocation in Simulation Analytics* 2019 , | | 2 |
| 24 | Multifidelity Modeling for Analysis and Optimization of Serial Production Lines. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3460-3474 | 5.9 | 2 |
| 23 | Information based approach for sort operation in logistic industry 2017 , | | 1 |
| 22 | Singapore: The Future of Logistic Hubs 2016 , 347-402 | | 1 |
| 21 | Storage yard management for transshipment ports 2013 , | | 1 |
| 20 | A multi-objective perspective on robust ranking and selection 2017 , | | 1 |
| 19 | 2015 , | | 1 |
| 18 | Closed-form sampling laws for stochastically constrained simulation optimization on large finite sets 2012 , | | 1 |
| 17 | Some efficient simulation budget allocation rules for simulation optimisation problems. <i>International Journal of Services Operations and Informatics</i> , 2013 , 8, 1 | 1.1 | 1 |
| 16 | Flight assignment plan for an air cargo inbound terminal 2010 , | | 1 |

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| 15 | Efficient computing budget allocation for a single design by using regression with sequential sampling constraint 2012 , | | 1 |
| 14 | The Impact of Ordinal on Response Surface Methodology 2006 , | | 1 |
| 13 | A simulation study on release, synchronization, and dispatching in MEMS fabrication | | 1 |
| 12 | Developing a self-learning adaptive genetic algorithm | | 1 |
| 11 | An approximate dynamic programming approach for production-delivery scheduling under non-stationary demand. <i>Naval Research Logistics</i> , | 1.5 | 1 |
| 10 | Simulation: The past 10 years and the next 10 years 2016 , | | 1 |
| 9 | Optimal Computing Budget Allocation for Binary Classification with Noisy Labels and its Applications on Simulation Analytics 2019 , | | 1 |
| 8 | Single Direction Traffic Rule for GRID System - An Innovative Automated Material Handling System 2018 , | | 1 |
| 7 | TD-OCBA: Optimal computing budget allocation and time dilation for simulation optimization of manufacturing systems. <i>IIE Transactions</i> , 2019 , 51, 219-231 | 3.3 | 0 |
| 6 | Performance Estimation and Design Optimization of a Congested Automated Container Terminal. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-13 | 4.9 | 0 |
| 5 | Development of the Port of Singapore: A Historical Review 2016 , 403-478 | | |
| 4 | Efficient Simulation Budget Allocation for Ranking the TopmDesigns. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-9 | 1.1 | |
| 3 | Optimal Computing Budget Allocation Framework 2013 , 175-202 | | |
| 2 | Multi-objective optimal computing budget allocation for multi-objective particle swarm optimisation with particle-dependent weights. <i>International Journal of Simulation and Process Modelling</i> , 2016 , 11, 167 | 0.4 | |
| 1 | Robust facility location with structural complexity and demand uncertainty. <i>Flexible Services and Manufacturing Journal</i> , 2021 , 33, 485-507 | 1.8 | |