# Manas Kumar Maiti

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11930561/publications.pdf

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|---|---|---|---|
| 55 papers | 1,252 citations | 331670 21 h-index | 377865 34 g-index |
| 56 all docs | 56 docs citations | 56 times ranked | 609 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A random-permutation based GA for generalized traveling salesman problem in imprecise environments. Evolutionary Intelligence, 2023, 16, 229-245. | 3.6 | 3 |
| 2 | Multi-objective generalized traveling salesman problem: A decomposition approach. Applied Intelligence, 2022, 52, 11755-11783. | 5.3 | 5 |
| 3 | A modified ACO with K-Opt for restricted covering salesman problems in different environments. Soft Computing, 2022, 26, 5773-5803. | 3.6 | 2 |
| 4 | A two-warehouse multi-item supply chain with stock dependent promotional demand under joint replenishment policy: a mixed-mode ABC approach. International Journal of Systems Science: Operations and Logistics, 2021, 8, 262-282. | 3.0 | 1 |
| 5 | A multi-item supply chain with multi-level trade credit policy under inflation: A mixed mode ABC approach. Computers and Industrial Engineering, 2021, 159, 107412. | 6.3 | 3 |
| 6 | Trade credit policy of an inventory model with imprecise variable demand: an ABC-GA approach. Soft Computing, 2020, 24, 9857-9874. | 3.6 | 7 |
| 7 | Artificial bee colony optimization-inspired synergetic study of fractional-order economic production quantity model. Soft Computing, 2020, 24, 15341-15359. | 3.6 | 25 |
| 8 | Multi-objective traveling salesman problem: an ABC approach. Applied Intelligence, 2020, 50, 3942-3960. | 5.3 | 22 |
| 9 | A swap sequence based Artificial Bee Colony algorithm for Traveling Salesman Problem. Swarm and Evolutionary Computation, 2019, 44, 428-438. | 8.1 | 90 |
| 10 | An inventory model for deteriorating items with inflation induced variable demand under two level partial trade credit : A hybrid ABC-GA approach. Engineering Applications of Artificial Intelligence, 2019, 85, 194-207. | 8.1 | 23 |
| 11 | A supply chain of deteriorating items with variable demand. Journal of Intelligent and Fuzzy Systems, 2019, 37, 565-581. | 1.4 | 2 |
| 12 | Multi-objective four dimensional imprecise TSP solved with a hybrid multi-objective ant colony optimization-genetic algorithm with diversity. Journal of Intelligent and Fuzzy Systems, 2019, 36, 47-65. | 1.4 | 13 |
| 13 | A Hybrid PSO-GA Algorithm for Traveling Salesman Problems in Different Environments. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2019, 27, 693-717. | 1.9 | 17 |
| 14 | Uncertain multi-item supply chain with two level trade credit under promotional cost sharing. Computers and Industrial Engineering, 2018, 118, 451-463. | 6.3 | 22 |
| 15 | Fuzzy Optimization for Multi-item Supply Chain with Trade Credit and Two-Level Price Discount Under Promotional Cost Sharing. International Journal of Fuzzy Systems, 2018, 20, 1644-1655. | 4.0 | 5 |
| 16 | An appropriate business strategy for a sale item. Opsearch, 2018, 55, 85-106. | 1.8 | 3 |
| 17 | A novel hybrid algorithm for generalized traveling salesman problems in different environments. Vietnam Journal of Computer Science, 2018, 5, 27-43. | 1.2 | 12 |
| 18 | Simulation approach to solve fuzzy fixed charge multi-item solid transportation problems under budget constraint. International Journal of Operational Research, 2018, 32, 56. | 0.2 | 2 |

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|---|---|---|---|
| 19 | A heuristic approach to solve multidimensional assignment problem. , 2018, , . | | 1 |
| 20 | A modified particle swarm optimization algorithm for solving traveling salesman problem with imprecise cost matrix. , 2018, , . | | 6 |
| 21 | A supply chain with variable demand under three level trade credit policy. Computers and Industrial Engineering, 2017, 106, 205-221. | 6.3 | 29 |
| 22 | Three level partial trade credit with promotional cost sharing. Applied Soft Computing Journal, 2017, 58, 553-575. | 7.2 | 21 |
| 23 | Coordinating Particle Swarm Optimization, Ant Colony Optimization and K-Opt Algorithm for Traveling Salesman Problem. Communications in Computer and Information Science, 2017, , 103-119. | 0.5 | 15 |
| 24 | Two-Level Supply Chain of a Seasonal Deteriorating Item with Time, Price, and Promotional Cost Dependent Demand Under Finite Time Horizon. American Journal of Mathematical and Management Sciences, 2017, 36, 292-315. | 0.9 | 8 |
| 25 | A production inventory model with price discounted fuzzy demand using an interval compared hybrid algorithm. Swarm and Evolutionary Computation, 2017, 34, 1-17. | 8.1 | 18 |
| 26 | A hybrid heuristic algorithm for single and multi-objective imprecise traveling salesman problems. Journal of Intelligent and Fuzzy Systems, 2016, 30, 1987-2001. | 1.4 | 12 |
| 27 | A fuzzy lifetime-based particle swarm optimisation with varying swarm size to solve a production inventory model. International Journal of Computational Complexity and Intelligent Algorithms, 2016, 1, 68. | 0.2 | 2 |
| 28 | Profit maximization of TSP through a hybrid algorithm. Computers and Industrial Engineering, 2015, 88, 229-236. | 6.3 | 30 |
| 29 | An EOQ model of deteriorating item in imprecise environment with dynamic deterioration and credit linked demand. Applied Mathematical Modelling, 2015, 39, 6553-6567. | 4.2 | 36 |
| 30 | Fully fuzzy fixed charge multi-item solid transportation problem. Applied Soft Computing Journal, 2015, 27, 77-91. | 7.2 | 60 |
| 31 | A two storage production-repairing model with fuzzy defective rate and displayed inventory dependent demand. Optimization and Engineering, 2014, 15, 751-772. | 2.4 | 8 |
| 32 | Entropy based solid transportation problems with discounted unit costs under fuzzy random environment. Opsearch, 2014, 51, 479-532. | 1.8 | 5 |
| 33 | Inventory model of a deteriorating item with price and credit linked fuzzy demand : A fuzzy differential equation approach. Opsearch, 2014, 51, 321-353. | 1.8 | 19 |
| 34 | Inventory policy of a deteriorating item with variable demand under trade credit period. Computers and Industrial Engineering, 2014, 76, 75-88. | 6.3 | 24 |
| 35 | Two storage inventory model of a deteriorating item with variable demand under partial credit period. Applied Soft Computing Journal, 2013, 13, 428-448. | 7.2 | 51 |
| 36 | A production inventory model with fuzzy production and demand using fuzzy differential equation: An interval compared genetic algorithm approach. Engineering Applications of Artificial Intelligence, 2013, 26, 766-778. | 8.1 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A production-recycling model with variable demand, demand-dependent fuzzy return rate: A fuzzy differential equation approach. Computers and Industrial Engineering, 2013, 64, 318-332. | 6.3 | 10 |
| 38 | A production-repairing inventory model with fuzzy rough coefficients under inflation and time value of money. Applied Mathematical Modelling, 2013, 37, 3200-3215. | 4.2 | 40 |
| 39 | Production-inventory models for a damageable item with variable demands and inventory costs in an imperfect production process. International Journal of Production Economics, 2013, 144, 180-188. | 8.9 | 37 |
| 40 | Imperfect production policy of a breakable item with variable breakability and demand in random planning horizon. International Journal of Mathematics in Operational Research, 2012, 4, 622. | 0.2 | 3 |
| 41 | Inventory Policy with Stock, Price and Credit-Linked Demand. International Journal of Strategic Decision Sciences, 2012, 3, 47-65. | 0.0 | 12 |
| 42 | A fuzzy genetic algorithm with varying population size to solve an inventory model with credit-linked promotional demand in an imprecise planning horizon. European Journal of Operational Research, 2011, 213, 96-106. | 5.7 | 57 |
| 43 | Multi-item inventory model of breakable items with stock-dependent demand under stock and time dependent breakability rate. Computers and Industrial Engineering, 2010, 59, 911-920. | 6.3 | 32 |
| 44 | Two warehouse inventory models for single vendor multiple retailers with price and stock dependent demand. Applied Mathematical Modelling, 2010, 34, 3571-3585. | 4.2 | 37 |
| 45 | A production inventory model with stock dependent demand incorporating learning and inflationary effect in a random planning horizon: A fuzzy genetic algorithm with varying population size approach. Computers and Industrial Engineering, 2009, 57, 1324-1335. | 6.3 | 29 |
| 46 | An EPQ model with price discounted promotional demand in an imprecise planning horizon via Genetic Algorithm. Computers and Industrial Engineering, 2009, 57, 181-187. | 6.3 | 35 |
| 47 | An inventory model for a deteriorating item with displayed stock dependent demand under fuzzy inflation and time discounting over a random planning horizon. Applied Mathematical Modelling, 2009, 33, 744-759. | 4.2 | 52 |
| 48 | Fuzzy inventory model with two warehouses under possibility measure on fuzzy goal. European Journal of Operational Research, 2008, 188, 746-774. | 5.7 | 37 |
| 49 | Determination of withdrawal schedule in single-species cultivation via genetic algorithm. Applied Mathematics and Computation, 2007, 188, 322-331. | 2.2 | 2 |
| 50 | Two storage inventory model with fuzzy deterioration over a random planning horizon. Mathematical and Computer Modelling, 2007, 46, 1419-1433. | 2.0 | 37 |
| 51 | Two storage inventory model in a mixed environment. Fuzzy Optimization and Decision Making, 2007, 6, 391-426. | 5.5 | 9 |
| 52 | Two-storage inventory model with lot-size dependent fuzzy lead-time under possibility constraints via genetic algorithm. European Journal of Operational Research, 2007, 179, 352-371. | 5.7 | 45 |
| 53 | Fuzzy inventory model with two warehouses under possibility constraints. Fuzzy Sets and Systems, 2006, 157, 52-73. | 2.7 | 108 |
| 54 | Multi-item shelf-space allocation of breakable items via genetic algorithm. Journal of Applied Mathematics and Computing, 2006, 20, 327-343. | 2.5 | 9 |

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|---|---|---|---|
| 55 | Inventory of damageable items with variable replenishment and unit production cost via simulated annealing method. Computers and Industrial Engineering, 2005, 49, 432-448. | 6.3 | 14 |