

Biswajit Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

7,511
citations

41323

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69214

77
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160
all docs

160
docs citations

160
times ranked

2698
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A production-inventory model with probabilistic deterioration in two-echelon supply chain management. <i>Applied Mathematical Modelling</i> , 2013, 37, 3138-3151. | 2.2 | 225 |
| 2 | An EOQ model with delay in payments and time varying deterioration rate. <i>Mathematical and Computer Modelling</i> , 2012, 55, 367-377. | 2.0 | 222 |
| 3 | An economic production quantity model with random defective rate, rework process and backorders for a single stage production system. <i>Journal of Manufacturing Systems</i> , 2014, 33, 423-435. | 7.6 | 164 |
| 4 | An EPQ model with inflation in an imperfect production system. <i>Applied Mathematics and Computation</i> , 2011, 217, 6159-6167. | 1.4 | 160 |
| 5 | A sustainable production-inventory model for a controllable carbon emissions rate under shortages. <i>Journal of Cleaner Production</i> , 2020, 256, 120268. | 4.6 | 157 |
| 6 | Impact of carbon emissions in a sustainable supply chain management for a second generation biofuel. <i>Journal of Cleaner Production</i> , 2018, 186, 807-820. | 4.6 | 146 |
| 7 | An inventory model with reliability in an imperfect production process. <i>Applied Mathematics and Computation</i> , 2012, 218, 4881-4891. | 1.4 | 145 |
| 8 | Effect of variable transportation and carbon emission in a three-echelon supply chain model. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 91, 112-128. | 3.7 | 142 |
| 9 | An improved inventory model with partial backlogging, time varying deterioration and stock-dependent demand. <i>Economic Modelling</i> , 2013, 30, 924-932. | 1.8 | 139 |
| 10 | Product inspection policy for an imperfect production system with inspection errors and warranty cost. <i>European Journal of Operational Research</i> , 2016, 248, 263-271. | 3.5 | 139 |
| 11 | Recovery-channel selection in a hybrid manufacturing-remanufacturing production model with RFID and product quality. <i>International Journal of Production Economics</i> , 2020, 219, 360-374. | 5.1 | 139 |
| 12 | An EOQ model with delay in payments and stock dependent demand in the presence of imperfect production. <i>Applied Mathematics and Computation</i> , 2012, 218, 8295-8308. | 1.4 | 138 |
| 13 | An inventory model with trade-credit policy and variable deterioration for fixed lifetime products. <i>Annals of Operations Research</i> , 2015, 229, 677-702. | 2.6 | 118 |
| 14 | Improved quality, setup cost reduction, and variable backorder costs in an imperfect production process. <i>International Journal of Production Economics</i> , 2014, 155, 204-213. | 5.1 | 116 |
| 15 | Environmental and economic assessment of closed-loop supply chain with remanufacturing and returnable transport items. <i>Computers and Industrial Engineering</i> , 2017, 111, 148-163. | 3.4 | 114 |
| 16 | Optimal production delivery policies for supplier and manufacturer in a constrained closed-loop supply chain for returnable transport packaging through metaheuristic approach. <i>Computers and Industrial Engineering</i> , 2019, 135, 987-1003. | 3.4 | 97 |
| 17 | Manufacturing setup cost reduction and quality improvement for the distribution free continuous-review inventory model with a service level constraint. <i>Journal of Manufacturing Systems</i> , 2015, 34, 74-82. | 7.6 | 96 |
| 18 | Quality improvement and backorder price discount under controllable lead time in an inventory model. <i>Journal of Manufacturing Systems</i> , 2015, 35, 26-36. | 7.6 | 94 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimal reliability, production lot size and safety stock in an imperfect production system. International Journal of Mathematics in Operational Research, 2010, 2, 467. | 0.1 | 91 |
| 20 | Supply Chain Coordination with Variable Backorder, Inspections, and Discount Policy for Fixed Lifetime Products. Mathematical Problems in Engineering, 2016, 2016, 1-14. | 0.6 | 90 |
| 21 | A two-warehouse inventory model with increasing demand and time varying deterioration. Scientia Iranica, 2012, 19, 1969-1977. | 0.3 | 87 |
| 22 | An integrated inventory model involving discrete setup cost reduction, variable safety factor, selling price dependent demand, and investment. RAIRO - Operations Research, 2019, 53, 39-57. | 1.0 | 87 |
| 23 | A cooperative advertising collaboration policy in supply chain management under uncertain conditions. Applied Soft Computing Journal, 2020, 88, 105948. | 4.1 | 87 |
| 24 | Multi-stage cleaner production process with quality improvement and lead time dependent ordering cost. Journal of Cleaner Production, 2017, 144, 572-590. | 4.6 | 85 |
| 25 | An inventory model with variable demand, component cost and selling price for deteriorating items. Economic Modelling, 2013, 30, 306-310. | 1.8 | 83 |
| 26 | An integrated inventory model with variable lead time, defective units and delay in payments. Applied Mathematics and Computation, 2014, 237, 650-658. | 1.4 | 83 |
| 27 | Optimal batch quantity in a cleaner multi-stage lean production system with random defective rate. Journal of Cleaner Production, 2016, 139, 922-934. | 4.6 | 83 |
| 28 | Autonomation policy to control work-in-process inventory in a smart production system. International Journal of Production Research, 2021, 59, 1258-1280. | 4.9 | 83 |
| 29 | Integrated vendor-buyer supply chain model with vendor's setup cost reduction. Applied Mathematics and Computation, 2013, 224, 362-371. | 1.4 | 81 |
| 30 | Joint effects of variable carbon emission cost and multi-delay-in-payments under single-setup-multiple-delivery policy in a global sustainable supply chain. Journal of Cleaner Production, 2018, 185, 421-445. | 4.6 | 81 |
| 31 | Management of next-generation energy using a triple bottom line approach under a supply chain framework. Resources, Conservation and Recycling, 2019, 150, 104431. | 5.3 | 79 |
| 32 | A sustainable development framework for a cleaner multi-item multi-stage textile production system with a process improvement initiative. Journal of Cleaner Production, 2020, 246, 119055. | 4.6 | 76 |
| 33 | Min-max distribution free continuous-review model with a service level constraint and variable lead time. Applied Mathematics and Computation, 2014, 229, 310-315. | 1.4 | 73 |
| 34 | Pythagorean fuzzy TOPSIS for multicriteria group decision-making with unknown weight information through entropy measure. International Journal of Intelligent Systems, 2019, 34, 1108-1128. | 3.3 | 73 |
| 35 | An economic manufacturing quantity model with probabilistic deterioration in a production system. Economic Modelling, 2013, 31, 245-252. | 1.8 | 72 |
| 36 | Periodic review fuzzy inventory model with variable lead time and fuzzy demand. International Transactions in Operational Research, 2017, 24, 1197-1227. | 1.8 | 71 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Multi-item sustainable green production system under trade-credit and partial backordering. Journal of Cleaner Production, 2018, 204, 82-95. | 4.6 | 68 |
| 38 | An inventory model with time dependent demand and shortages under trade credit policy. Economic Modelling, 2013, 35, 349-355. | 1.8 | 66 |
| 39 | Sustainable ordering policies for non-instantaneous deteriorating items under carbon emission and multi-trade-credit-policies. Journal of Cleaner Production, 2019, 240, 118183. | 4.6 | 66 |
| 40 | Prediction of permeate flux during electric field enhanced cross-flow ultrafiltrationâ€”A neural network approach. Separation and Purification Technology, 2009, 65, 260-268. | 3.9 | 65 |
| 41 | How does an industry manage the optimum cash flow within a smart production system with the carbon footprint and carbon emission under logistics framework?. International Journal of Production Economics, 2019, 213, 243-257. | 5.1 | 65 |
| 42 | An improved solution to the replenishment policy for the EMQ model with rework and multiple shipments. Applied Mathematical Modelling, 2013, 37, 5549-5554. | 2.2 | 64 |
| 43 | Large-scale disaster waste management under uncertain environment. Journal of Cleaner Production, 2019, 212, 200-222. | 4.6 | 64 |
| 44 | An EMQ model with price and time dependent demand under the effect of reliability and inflation. Applied Mathematics and Computation, 2014, 231, 414-421. | 1.4 | 62 |
| 45 | Controllable lead time, service level constraint, and transportation discounts in a continuous review inventory model. RAIRO - Operations Research, 2016, 50, 921-934. | 1.0 | 58 |
| 46 | Mathematical and analytical approach for the management of defective items in a multi-stage production system. Journal of Cleaner Production, 2019, 218, 896-919. | 4.6 | 58 |
| 47 | Effects of variable production rate on quality of products in a single-vendor multi-buyer supply chain management. International Journal of Advanced Manufacturing Technology, 2018, 99, 567-581. | 1.5 | 55 |
| 48 | Two-echelon supply chain model with manufacturing quality improvement and setup cost reduction. Journal of Industrial and Management Optimization, 2017, 13, 1085-1104. | 0.8 | 55 |
| 49 | An Integrated Location-Allocation Model for Temporary Disaster Debris Management under an Uncertain Environment. Sustainability, 2017, 9, 716. | 1.6 | 53 |
| 50 | Pythagorean fuzzy AHP-TOPSIS integrated approach for transportation management through a new distance measure. Soft Computing, 2021, 25, 4073-4089. | 2.1 | 53 |
| 51 | Pythagorean fuzzy multicriteria group decision making through similarity measure based on point operators. International Journal of Intelligent Systems, 2018, 33, 1731-1744. | 3.3 | 52 |
| 52 | Variable deterioration and demandâ€”An inventory model. Economic Modelling, 2013, 31, 548-556. | 1.8 | 49 |
| 53 | Optimization of sample size and order size in an inventory model with quality inspection and return of defective items. Annals of Operations Research, 2018, 271, 445-467. | 2.6 | 49 |
| 54 | Removal of Direct Blue-86 dye from aqueous solution using alginate encapsulated activated carbon (PnsAC-alginate) prepared from waste peanut shell. Journal of Environmental Chemical Engineering, 2019, 7, 103365. | 3.3 | 48 |

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|----|--|-----|-----------|
| 55 | Interval-valued Pythagorean fuzzy TODIM approach through point operator-based similarity measures for multicriteria group decision making. <i>Kybernetes</i> , 2019, 48, 496-519. | 1.2 | 48 |
| 56 | Selection of remanufacturing/production cycles with an alternative market: A perspective on waste management. <i>Journal of Cleaner Production</i> , 2020, 245, 118935. | 4.6 | 48 |
| 57 | An economic production quantity model with stochastic demand in an imperfect production system. <i>International Journal of Services and Operations Management</i> , 2011, 9, 259. | 0.1 | 47 |
| 58 | Effect of Unequal Lot Sizes, Variable Setup Cost, and Carbon Emission Cost in a Supply Chain Model. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13. | 0.6 | 47 |
| 59 | Fuzzy ϕ -tolerance competition graphs. <i>Soft Computing</i> , 2017, 21, 3723-3734. | 2.1 | 47 |
| 60 | Effect of inspection performance in smart manufacturing system based on human quality control system. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 4351-4364. | 1.5 | 47 |
| 61 | Impact of safety factors and setup time reduction in a two-echelon supply chain management. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 55, 250-258. | 6.1 | 45 |
| 62 | A Stackelberg Game Approach in an Integrated Inventory Model with Carbon-Emission and Setup Cost Reduction. <i>Sustainability</i> , 2016, 8, 1244. | 1.6 | 43 |
| 63 | An improved way to calculate imperfect items during long-run production in an integrated inventory model with backorders. <i>Journal of Manufacturing Systems</i> , 2018, 47, 153-167. | 7.6 | 43 |
| 64 | Cost-effective subsidy policy for growers and biofuels-plants in closed-loop supply chain of herbs and herbal medicines: An interactive bi-objective optimization in T-environment. <i>Applied Soft Computing Journal</i> , 2021, 100, 106949. | 4.1 | 43 |
| 65 | A stock-dependent inventory model in an imperfect production process. <i>International Journal of Procurement Management</i> , 2010, 3, 361. | 0.1 | 42 |
| 66 | An imperfect production process for time varying demand with inflation and time value of money " An EMQ model. <i>Expert Systems With Applications</i> , 2011, , . | 4.4 | 42 |
| 67 | Aqueous extraction kinetics of phenolic compounds from jamun (<i>Syzygium cumini</i> L.) seeds. <i>International Journal of Food Properties</i> , 2017, 20, 372-389. | 1.3 | 41 |
| 68 | A finite replenishment model with increasing demand under inflation. <i>International Journal of Mathematics in Operational Research</i> , 2010, 2, 347. | 0.1 | 40 |
| 69 | Optimal reliability, production lotsize and safety stock: an economic manufacturing quantity model. <i>International Journal of Management Science and Engineering Management</i> , 2010, 5, 192-202. | 2.6 | 40 |
| 70 | A study of electric field enhanced ultrafiltration of synthetic fruit juice and optical quantification of gel deposition. <i>Journal of Membrane Science</i> , 2008, 311, 112-120. | 4.1 | 39 |
| 71 | Rhamnolipid based micellar-enhanced ultrafiltration for simultaneous removal of Cd(II) and phenolic compound from wastewater. <i>Chemical Engineering Journal</i> , 2017, 319, 131-142. | 6.6 | 39 |
| 72 | A multi-retailer supply chain model with backorder and variable production cost. <i>RAIRO - Operations Research</i> , 2018, 52, 943-954. | 1.0 | 39 |

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|----|---|-----|-----------|
| 73 | Effect of electric field during gel-layer controlled ultrafiltration of synthetic and fruit juice. <i>Journal of Membrane Science</i> , 2008, 307, 268-276. | 4.1 | 38 |
| 74 | Impact of random defective rate on lot size focusing work-in-process inventory in manufacturing system. <i>International Journal of Production Research</i> , 2017, 55, 1748-1766. | 4.9 | 38 |
| 75 | A distribution free newsvendor model with consignment policy and retailer's royalty reduction. <i>International Journal of Production Research</i> , 2018, 56, 5025-5044. | 4.9 | 38 |
| 76 | Controlling Waste and Carbon Emission for a Sustainable Closed-Loop Supply Chain Management under a Cap-and-Trade Strategy. <i>Mathematics</i> , 2020, 8, 466. | 1.1 | 38 |
| 77 | Optimal buffer inventory and inspection errors in an imperfect production system with preventive maintenance. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 545-560. | 1.5 | 37 |
| 78 | Imperfect Multi-Stage Lean Manufacturing System with Rework under Fuzzy Demand. <i>Mathematics</i> , 2019, 7, 13. | 1.1 | 36 |
| 79 | Manufacturing quality improvement and setup cost reduction in a vendor-buyer supply chain model. <i>European Journal of Industrial Engineering</i> , 2017, 11, 588. | 0.5 | 33 |
| 80 | Sustainable Inventory Management for Environmental Impact through Partial Backordering and Multi-Trade-Credit-Period. <i>Sustainability</i> , 2018, 10, 4761. | 1.6 | 33 |
| 81 | Interval-valued fuzzy ϕ -tolerance competition graphs. <i>SpringerPlus</i> , 2016, 5, 1981. | 1.2 | 32 |
| 82 | Completeness and regularity of generalized fuzzy graphs. <i>SpringerPlus</i> , 2016, 5, 1979. | 1.2 | 32 |
| 83 | A Two-Echelon Supply Chain Management With Setup Time and Cost Reduction, Quality Improvement and Variable Production Rate. <i>Mathematics</i> , 2019, 7, 328. | 1.1 | 32 |
| 84 | Multi-Product Production System with the Reduced Failure Rate and the Optimum Energy Consumption under Variable Demand. <i>Mathematics</i> , 2019, 7, 465. | 1.1 | 31 |
| 85 | A unified method for Pythagorean fuzzy multicriteria group decision-making using entropy measure, linear programming and extended technique for ordering preference by similarity to ideal solution. <i>Soft Computing</i> , 2020, 24, 5333-5344. | 2.1 | 31 |
| 86 | Inventory and pricing decisions for imperfect quality items with inspection errors, sales returns, and partial backorders under inflation. <i>RAIRO - Operations Research</i> , 2020, 54, 287-306. | 1.0 | 31 |
| 87 | Minimum Quantity Lubrication and Carbon Footprint: A Step towards Sustainability. <i>Sustainability</i> , 2017, 9, 714. | 1.6 | 30 |
| 88 | Investment for process quality improvement and setup cost reduction in an imperfect production process with warranty policy and shortages. <i>RAIRO - Operations Research</i> , 2020, 54, 251-266. | 1.0 | 29 |
| 89 | Electric field enhanced fractionation of protein mixture using ultrafiltration. <i>Journal of Membrane Science</i> , 2009, 341, 11-20. | 4.1 | 28 |
| 90 | Simultaneous removal of Cd (II) and p-cresol from wastewater by micellar-enhanced ultrafiltration using rhamnolipid: Flux decline, adsorption kinetics and isotherm studies. <i>Journal of Environmental Management</i> , 2018, 213, 217-235. | 3.8 | 27 |

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|-----|---|-----|-----------|
| 91 | Joint Inventory and Pricing Policy for an Online to Offline Closed-Loop Supply Chain Model with Random Defective Rate and Returnable Transport Items. <i>Mathematics</i> , 2019, 7, 497. | 1.1 | 27 |
| 92 | Two-echelon supply chain coordination with advertising-driven demand under Stackelberg game policy. <i>European Journal of Industrial Engineering</i> , 2019, 13, 213. | 0.5 | 27 |
| 93 | Pulsed electric field enhanced ultrafiltration of synthetic and fruit juice. <i>Separation and Purification Technology</i> , 2008, 63, 582-591. | 3.9 | 26 |
| 94 | A combined complete pore blocking and cake filtration model during ultrafiltration of polysaccharide in a batch cell. <i>Journal of Food Engineering</i> , 2013, 116, 333-343. | 2.7 | 26 |
| 95 | Coordinating Supply-Chain Management under Stochastic Fuzzy Environment and Lead-Time Reduction. <i>Mathematics</i> , 2019, 7, 480. | 1.1 | 26 |
| 96 | Recycling of lifetime dependent deteriorated products through different supply chains. <i>RAIRO - Operations Research</i> , 2019, 53, 129-156. | 1.0 | 26 |
| 97 | Effects of Preservation Technology Investment on Waste Generation in a Two-Echelon Supply Chain Model. <i>Mathematics</i> , 2019, 7, 189. | 1.1 | 26 |
| 98 | Application of external electric field to enhance the permeate flux during micellar enhanced ultrafiltration. <i>Separation and Purification Technology</i> , 2009, 66, 263-272. | 3.9 | 25 |
| 99 | Optimizing a Multi-Product Continuous-Review Inventory Model With Uncertain Demand, Quality Improvement, Setup Cost Reduction, and Variation Control in Lead Time. <i>IEEE Access</i> , 2018, 6, 36176-36187. | 2.6 | 25 |
| 100 | An integrated inventory model with variable transportation cost, two-stage inspection, and defective items. <i>Journal of Industrial and Management Optimization</i> , 2017, 13, 1975-1990. | 0.8 | 25 |
| 101 | Integrated membrane process for purification and concentration of aqueous <i>Syzygium cumini</i> (L.) seed extract. <i>Food and Bioproducts Processing</i> , 2016, 98, 29-43. | 1.8 | 24 |
| 102 | Stochastic joint replenishment problem with quantity discounts and minimum order constraints. <i>Operational Research</i> , 2019, 19, 151-178. | 1.3 | 24 |
| 103 | Lost sales reduction and quality improvement with variable lead time and fuzzy costs in an imperfect production system. <i>RAIRO - Operations Research</i> , 2018, 52, 819-837. | 1.0 | 23 |
| 104 | Cross-flow electro-ultrafiltration of mosambi (<i>Citrus sinensis</i> (L.) Osbeck) juice. <i>Journal of Food Engineering</i> , 2008, 89, 241-245. | 2.7 | 22 |
| 105 | Prediction of permeate flux for turbulent flow in cross flow electric field assisted ultrafiltration. <i>Journal of Membrane Science</i> , 2011, 369, 77-87. | 4.1 | 22 |
| 106 | Stochastic-Petri Net Modeling and Optimization for Outdoor Patients in Building Sustainable Healthcare System Considering Staff Absenteeism. <i>Mathematics</i> , 2019, 7, 499. | 1.1 | 22 |
| 107 | Linguistic Einstein aggregation operator-based TOPSIS for multicriteria group decision making in linguistic Pythagorean fuzzy environment. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2825-2864. | 3.3 | 22 |
| 108 | Analysis of flux decline during ultrafiltration of apple juice in a batch cell. <i>Food and Bioproducts Processing</i> , 2015, 94, 147-157. | 1.8 | 21 |

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|-----|---|-----|-----------|
| 109 | Effect of Electrical Energy on the Manufacturing Setup Cost Reduction, Transportation Discounts, and Process Quality Improvement in a Two-Echelon Supply Chain Management under a Service-Level Constraint. <i>Energies</i> , 2019, 12, 3733. | 1.6 | 21 |
| 110 | Sustainable Lot Size in a Multistage Lean-Green Manufacturing Process under Uncertainty. <i>Mathematics</i> , 2019, 7, 20. | 1.1 | 21 |
| 111 | Stochastic machine breakdown and discrete delivery in an imperfect inventory-production system. <i>Journal of Industrial and Management Optimization</i> , 2017, 13, 1511-1535. | 0.8 | 21 |
| 112 | Supply Chain Model with Stochastic Lead Time, Trade-Credit Financing, and Transportation Discounts. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-14. | 0.6 | 20 |
| 113 | Optimum ordering policy for an imperfect single-stage manufacturing system with safety stock and planned backorder. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 109-120. | 1.5 | 20 |
| 114 | New Product Launching with Pricing, Free Replacement, Rework, and Warranty Policies via Genetic Algorithmic Approach. <i>International Journal of Computational Intelligence Systems</i> , 2019, 12, 519. | 1.6 | 20 |
| 115 | Demand uncertainty and learning in fuzziness in a continuous review inventory model. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 2595-2608. | 0.8 | 19 |
| 116 | Effects of Unequal Lot Size and Variable Transportation in Unreliable Supply Chain Management. <i>Mathematics</i> , 2020, 8, 357. | 1.1 | 19 |
| 117 | The Quantitative Analysis of Workers' Stress Due to Working Environment in the Production System of the Automobile Part Manufacturing Industry. <i>Mathematics</i> , 2019, 7, 627. | 1.1 | 18 |
| 118 | An Application of Time-Dependent Holding Costs and System Reliability in a Multi-Item Sustainable Economic Energy Efficient Reliable Manufacturing System. <i>Energies</i> , 2019, 12, 2857. | 1.6 | 18 |
| 119 | A Single-Stage Manufacturing Model with Imperfect Items, Inspections, Rework, and Planned Backorders. <i>Mathematics</i> , 2019, 7, 446. | 1.1 | 18 |
| 120 | Optimal production run time and inspection errors in an imperfect production system with warranty. <i>Journal of Industrial and Management Optimization</i> , 2018, 14, 267-282. | 0.8 | 18 |
| 121 | Flux decline during electric field-assisted cross-flow ultrafiltration of mosambi (<i>Citrus sinensis</i> (L.) Tj ETQq1 1 0.784314 rgBT/Overlo 4.1 17 | | |
| 122 | Effect of Energy and Failure Rate in a Multi-Item Smart Production System. <i>Energies</i> , 2018, 11, 2958. | 1.6 | 17 |
| 123 | Product Channeling in an O2O Supply Chain Management as Power Transmission in Electric Power Distribution Systems. <i>Mathematics</i> , 2019, 7, 4. | 1.1 | 17 |
| 124 | Prediction of permeate flux during osmotic pressure-controlled electric field-enhanced cross-flow ultrafiltration. <i>Journal of Colloid and Interface Science</i> , 2008, 319, 236-246. | 5.0 | 16 |
| 125 | Electric field enhanced gel controlled cross-flow ultrafiltration under turbulent flow conditions. <i>Separation and Purification Technology</i> , 2010, 74, 73-82. | 3.9 | 16 |
| 126 | A combined complete pore blocking and cake filtration model for steady-state electric field-assisted ultrafiltration. <i>AIChE Journal</i> , 2012, 58, 1435-1446. | 1.8 | 16 |

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|-----|--|-----|-----------|
| 127 | Dynamic Pricing in a Multi-Period Newsvendor Under Stochastic Price-Dependent Demand. <i>Mathematics</i> , 2019, 7, 520. | 1.1 | 16 |
| 128 | Influence of controllable lead time, premium price, and unequal shipments under environmental effects in a supply chain management. <i>RAIRO - Operations Research</i> , 2019, 53, 1427-1451. | 1.0 | 16 |
| 129 | A Single Period Production Inventory Model in Interval Environment with Price Revision. <i>International Journal of Applied and Computational Mathematics</i> , 2019, 5, 1. | 0.9 | 16 |
| 130 | Retailer's optimal strategy for fixed lifetime products. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 121-133. | 2.3 | 15 |
| 131 | Effects of human errors and trade-credit financing in two-echelon supply chain models. <i>European Journal of Industrial Engineering</i> , 2018, 12, 465. | 0.5 | 15 |
| 132 | How Does a Radio Frequency Identification Optimize the Profit in an Unreliable Supply Chain Management?. <i>Mathematics</i> , 2019, 7, 490. | 1.1 | 15 |
| 133 | A study on three different dimensional facility location problems. <i>Economic Modelling</i> , 2013, 30, 879-887. | 1.8 | 14 |
| 134 | Generalized fuzzy Euler graphs and generalized fuzzy Hamiltonian graphs. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 3413-3419. | 0.8 | 14 |
| 135 | Optimum Design of a Transportation Scheme for Healthcare Supply Chain Management: The Effect of Energy Consumption. <i>Energies</i> , 2019, 12, 2789. | 1.6 | 14 |
| 136 | Supply Chain with Customer-Based Two-Level Credit Policies under an Imperfect Quality Environment. <i>Mathematics</i> , 2018, 6, 299. | 1.1 | 13 |
| 137 | A multi-criteria decision making approach for strategy formulation using Pythagorean fuzzy logic. <i>Expert Systems</i> , 2022, 39, e12802. | 2.9 | 13 |
| 138 | Development of a Fuzzy Economic Order Quantity Model of Deteriorating Items with Promotional Effort and Learning in Fuzziness with a Finite Time Horizon. <i>Inventions</i> , 2019, 4, 36. | 1.3 | 12 |
| 139 | Economic Analysis of an Integrated Production-Inventory System under Stochastic Production Capacity and Energy Consumption. <i>Energies</i> , 2019, 12, 3179. | 1.6 | 12 |
| 140 | Effects of Variable Production Rate and Time-Dependent Holding Cost for Complementary Products in Supply Chain Model. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-13. | 0.6 | 11 |
| 141 | An optimization technique for national income determination model with stability analysis of differential equation in discrete and continuous process under the uncertain environment. <i>RAIRO - Operations Research</i> , 2019, 53, 1649-1674. | 1.0 | 11 |
| 142 | Optimization of Safety Stock under Controllable Production Rate and Energy Consumption in an Automated Smart Production Management. <i>Energies</i> , 2019, 12, 2059. | 1.6 | 11 |
| 143 | Novel concepts in intuitionistic fuzzy graphs with application. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 3743-3749. | 0.8 | 9 |
| 144 | Prediction of Permeate Flux During Ultrafiltration of Polysaccharide in a Stirred Batch Cell. <i>Food and Bioprocess Technology</i> , 2013, 6, 3634-3643. | 2.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Solving multi-product inventory ship routing with a heterogeneous fleet model using a hybrid cross entropy-genetic algorithm: a case study in Indonesia. <i>Production and Manufacturing Research</i> , 2016, 4, 90-113. | 0.9 | 8 |
| 146 | Analysis of flux decline using sequential fouling mechanisms during concentration of <i>Syzygium cumini</i> (L.) leaf extract. <i>Chemical Engineering Research and Design</i> , 2018, 130, 167-183. | 2.7 | 8 |
| 147 | Pricing Decision within an Inventory Model for Complementary and Substitutable Products. <i>Mathematics</i> , 2019, 7, 568. | 1.1 | 8 |
| 148 | Enhanced Cross-Flow Ultrafiltration of Apple Juice Using Electric Field. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 1372-1384. | 0.9 | 5 |
| 149 | Change Point Detection for Airborne Particulate Matter (PM2.5, PM10) by Using the Bayesian Approach. <i>Mathematics</i> , 2019, 7, 474. | 1.1 | 5 |
| 150 | Use of rhamnolipid in micellar-enhanced ultrafiltration for simultaneous removal of Cd +2 and crystal violet from aqueous solution. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2019, 14, e2315. | 0.8 | 5 |
| 151 | A review paper on offline inspection of finished and semi-finished products and emerging research directions. <i>Yugoslav Journal of Operations Research</i> , 2016, 26, 395-422. | 0.5 | 5 |
| 152 | Application of Distribution-Free Approach in Integrated and Dual-Channel Supply Chain Under Buyback Contract. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2018, , 388-426. | 0.3 | 5 |
| 153 | Ordering and transfer policy and variable deterioration for a warehouse model. <i>Hacetatepe Journal of Mathematics and Statistics</i> , 2015, 46, 1-1. | 0.3 | 4 |
| 154 | Modeling of permeate flux decline during ultrafiltration of polyvinyl alcohol in a batch cell. <i>Desalination and Water Treatment</i> , 2014, 52, 7495-7506. | 1.0 | 3 |
| 155 | Ordering Policy Using Multi-Level Association Rule Mining. <i>International Journal of Information Systems and Supply Chain Management</i> , 2018, 11, 84-101. | 0.6 | 3 |
| 156 | Ultrafiltration of <i>Syzygium cumini</i> (L.) seeds extract: Analysis of flux decline and extract stability. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2018, 13, e2166. | 0.8 | 2 |
| 157 | Change Point Detection for Diversely Distributed Stochastic Processes Using a Probabilistic Method. <i>Inventions</i> , 2019, 4, 42. | 1.3 | 2 |
| 158 | Application of Normalized Lifetime-Dependent Selling-Price in a Supply Chain Model. <i>International Journal of Applied and Computational Mathematics</i> , 2018, 4, 1. | 0.9 | 1 |
| 159 | Modelling for Service Solution of a Closed-Loop Supply Chain with the Presence of Third Party Logistics. <i>IFIP Advances in Information and Communication Technology</i> , 2018, , 320-327. | 0.5 | 1 |
| 160 | Enhanced Separation of Polyethylene Glycol from Bovine Serum Albumin Using Electro-Ultrafiltration. <i>Separation Science and Technology</i> , 2015, 50, 1846-1859. | 1.3 | 0 |