

# Biswajit Sarkar

## List of Publications by Year in Descending Order

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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.

160  
papers

5,801  
citations

45  
h-index

66  
g-index

160  
ext. papers

6,591  
ext. citations

4.3  
avg, IF

7.16  
L-index

#	Paper	IF	Citations
160	Linguistic Einstein aggregation operator-based TOPSIS for multicriteria group decision making in linguistic Pythagorean fuzzy environment. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 2825-2864	8.4	5
159	Autonomation policy to control work-in-process inventory in a smart production system. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 1258-1280	7.8	49
158	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> , <b>2021</b> , 100, 106949	7.5	19
157	Pythagorean fuzzy AHP-TOPSIS integrated approach for transportation management through a new distance measure. <i>Soft Computing</i> , <b>2021</b> , 25, 4073-4089	3.5	21
156	A sustainable production-inventory model for a controllable carbon emissions rate under shortages. <i>Journal of Cleaner Production</i> , <b>2020</b> , 256, 120268	10.3	76
155	Inventory and pricing decisions for imperfect quality items with inspection errors, sales returns, and partial backorders under inflation. <i>RAIRO - Operations Research</i> , <b>2020</b> , 54, 287-306	2.2	14
154	Effects of Unequal Lot Size and Variable Transportation in Unreliable Supply Chain Management. <i>Mathematics</i> , <b>2020</b> , 8, 357	2.3	14
153	Controlling Waste and Carbon Emission for a Sustainable Closed-Loop Supply Chain Management under a Cap-and-Trade Strategy. <i>Mathematics</i> , <b>2020</b> , 8, 466	2.3	20
152	A sustainable development framework for a cleaner multi-item multi-stage textile production system with a process improvement initiative. <i>Journal of Cleaner Production</i> , <b>2020</b> , 246, 119055	10.3	40
151	A cooperative advertising collaboration policy in supply chain management under uncertain conditions. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 88, 105948	7.5	50
150	Selection of remanufacturing/production cycles with an alternative market: A perspective on waste management. <i>Journal of Cleaner Production</i> , <b>2020</b> , 245, 118935	10.3	34
149	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> , <b>2020</b> , 24, 5333-5344	3.5	20
148	Recovery-channel selection in a hybrid manufacturing-remanufacturing production model with RFID and product quality. <i>International Journal of Production Economics</i> , <b>2020</b> , 219, 360-374	9.3	80
147	Investment for process quality improvement and setup cost reduction in an imperfect production process with warranty policy and shortages. <i>RAIRO - Operations Research</i> , <b>2020</b> , 54, 251-266	2.2	20
146	Novel concepts in intuitionistic fuzzy graphs with application. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 37, 3743-3749	1.6	8
145	Sustainable ordering policies for non-instantaneous deteriorating items under carbon emission and multi-trade-credit-policies. <i>Journal of Cleaner Production</i> , <b>2019</b> , 240, 118183	10.3	31
144	Mathematical and analytical approach for the management of defective items in a multi-stage production system. <i>Journal of Cleaner Production</i> , <b>2019</b> , 218, 896-919	10.3	48

143	A Single-Stage Manufacturing Model with Imperfect Items, Inspections, Rework, and Planned Backorders. <i>Mathematics</i> , <b>2019</b> , 7, 446	2.3	12
142	Optimization of Safety Stock under Controllable Production Rate and Energy Consumption in an Automated Smart Production Management. <i>Energies</i> , <b>2019</b> , 12, 2059	3.1	10
141	Multi-Product Production System with the Reduced Failure Rate and the Optimum Energy Consumption under Variable Demand. <i>Mathematics</i> , <b>2019</b> , 7, 465	2.3	25
140	Change Point Detection for Airborne Particulate Matter (PM2.5, PM10) by Using the Bayesian Approach. <i>Mathematics</i> , <b>2019</b> , 7, 474	2.3	3
139	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> , <b>2019</b> , 135, 987-1003	6.4	51
138	Coordinating Supply-Chain Management under Stochastic Fuzzy Environment and Lead-Time Reduction. <i>Mathematics</i> , <b>2019</b> , 7, 480	2.3	22
137	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> , <b>2019</b> , 14, e2315	1.3	3
136	Two-echelon supply chain coordination with advertising-driven demand under Stackelberg game policy. <i>European Journal of Industrial Engineering</i> , <b>2019</b> , 13, 213	1.1	18
135	A Two-Echelon Supply Chain Management With Setup Time and Cost Reduction, Quality Improvement and Variable Production Rate. <i>Mathematics</i> , <b>2019</b> , 7, 328	2.3	26
134	Recycling of lifetime dependent deteriorated products through different supply chains. <i>RAIRO - Operations Research</i> , <b>2019</b> , 53, 129-156	2.2	22
133	How does an industry manage the optimum cash flow within a smart production system with the carbon footprint and carbon emission under logistics framework?. <i>International Journal of Production Economics</i> , <b>2019</b> , 213, 243-257	9.3	50
132	Effects of Preservation Technology Investment on Waste Generation in a Two-Echelon Supply Chain Model. <i>Mathematics</i> , <b>2019</b> , 7, 189	2.3	15
131	Product Channeling in an O2O Supply Chain Management as Power Transmission in Electric Power Distribution Systems. <i>Mathematics</i> , <b>2019</b> , 7, 4	2.3	10
130	An integrated inventory model involving discrete setup cost reduction, variable safety factor, selling price dependent demand, and investment. <i>RAIRO - Operations Research</i> , <b>2019</b> , 53, 39-57	2.2	56
129	Management of next-generation energy using a triple bottom line approach under a supply chain framework. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 150, 104431	11.9	52
128	The Quantitative Analysis of Workers Stress Due to Working Environment in the Production System of the Automobile Part Manufacturing Industry. <i>Mathematics</i> , <b>2019</b> , 7, 627	2.3	11
127	Dynamic Pricing in a Multi-Period Newsvendor Under Stochastic Price-Dependent Demand. <i>Mathematics</i> , <b>2019</b> , 7, 520	2.3	12
126	Optimum Design of a Transportation Scheme for Healthcare Supply Chain Management: The Effect of Energy Consumption. <i>Energies</i> , <b>2019</b> , 12, 2789	3.1	11

125	An Application of Time-Dependent Holding Costs and System Reliability in a Multi-Item Sustainable Economic Energy Efficient Reliable Manufacturing System. <i>Energies</i> , <b>2019</b> , 12, 2857	3.1	14
124	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> , <b>2019</b> , 4, 36	2.9	10
123	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> , <b>2019</b> , 7, 497	2.3	18
122	Pricing Decision within an Inventory Model for Complementary and Substitutable Products. <i>Mathematics</i> , <b>2019</b> , 7, 568	2.3	6
121	Stochastic-Petri Net Modeling and Optimization for Outdoor Patients in Building Sustainable Healthcare System Considering Staff Absenteeism. <i>Mathematics</i> , <b>2019</b> , 7, 499	2.3	12
120	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> , <b>2019</b> , 12, 3733	3.1	13
119	Economic Analysis of an Integrated Production Inventory System under Stochastic Production Capacity and Energy Consumption. <i>Energies</i> , <b>2019</b> , 12, 3179	3.1	12
118	Change Point Detection for Diversely Distributed Stochastic Processes Using a Probabilistic Method. <i>Inventions</i> , <b>2019</b> , 4, 42	2.9	2
117	Removal of Direct Blue-86 dye from aqueous solution using alginate encapsulated activated carbon (PnsAC-alginate) prepared from waste peanut shell. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103365	6.8	22
116	How Does a Radio Frequency Identification Optimize the Profit in an Unreliable Supply Chain Management?. <i>Mathematics</i> , <b>2019</b> , 7, 490	2.3	12
115	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> , <b>2019</b> , 53, 1649-1674	2.2	9
114	New Product Launching with Pricing, Free Replacement, Rework, and Warranty Policies via Genetic Algorithmic Approach. <i>International Journal of Computational Intelligence Systems</i> , <b>2019</b> , 12, 519	3.4	14
113	Influence of controllable lead time, premium price, and unequal shipments under environmental effects in a supply chain management. <i>RAIRO - Operations Research</i> , <b>2019</b> , 53, 1427-1451	2.2	16
112	Impact of safety factors and setup time reduction in a two-echelon supply chain management. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2019</b> , 55, 250-258	9.2	39
111	Interval-valued Pythagorean fuzzy TODIM approach through point operator-based similarity measures for multicriteria group decision making. <i>Kybernetes</i> , <b>2019</b> , 48, 496-519	2	39
110	Large-scale disaster waste management under uncertain environment. <i>Journal of Cleaner Production</i> , <b>2019</b> , 212, 200-222	10.3	45
109	Imperfect Multi-Stage Lean Manufacturing System with Rework under Fuzzy Demand. <i>Mathematics</i> , <b>2019</b> , 7, 13	2.3	26
108	Sustainable Lot Size in a Multistage Lean-Green Manufacturing Process under Uncertainty. <i>Mathematics</i> , <b>2019</b> , 7, 20	2.3	16

107	Pythagorean fuzzy TOPSIS for multicriteria group decision-making with unknown weight information through entropy measure. <i>International Journal of Intelligent Systems</i> , <b>2019</b> , 34, 1108-1128	8.4	44
106	A Single Period Production Inventory Model in Interval Environment with Price Revision. <i>International Journal of Applied and Computational Mathematics</i> , <b>2019</b> , 5, 1	1.3	7
105	Stochastic joint replenishment problem with quantity discounts and minimum order constraints. <i>Operational Research</i> , <b>2019</b> , 19, 151-178	1.6	22
104	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> , <b>2018</b> , 213, 217-235	7.9	20
103	Joint effects of variable carbon emission cost and multi-delay-in-payments under single-setup-multiple-delivery policy in a global sustainable supply chain. <i>Journal of Cleaner Production</i> , <b>2018</b> , 185, 421-445	10.3	70
102	Pythagorean fuzzy multicriteria group decision making through similarity measure based on point operators. <i>International Journal of Intelligent Systems</i> , <b>2018</b> , 33, 1731-1744	8.4	43
101	A distribution free newsvendor model with consignment policy and retailer's royalty reduction. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 5025-5044	7.8	30
100	Ultrafiltration of <i>Syzygium cumini</i> (L.) seeds extract: Analysis of flux decline and extract stability. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2018</b> , 13, e2166	1.3	1
99	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> , <b>2018</b> , 130, 167-183	5.5	5
98	Impact of carbon emissions in a sustainable supply chain management for a second generation biofuel. <i>Journal of Cleaner Production</i> , <b>2018</b> , 186, 807-820	10.3	109
97	Optimization of sample size and order size in an inventory model with quality inspection and return of defective items. <i>Annals of Operations Research</i> , <b>2018</b> , 271, 445-467	3.2	29
96	Optimum ordering policy for an imperfect single-stage manufacturing system with safety stock and planned backorder. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 95, 109-120	3.2	16
95	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> , <b>2018</b> , 6, 36176-36187	3.5	22
94	Effects of variable production rate on quality of products in a single-vendor multi-buyer supply chain management. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 99, 567-581	3.2	45
93	Multi-item sustainable green production system under trade-credit and partial backordering. <i>Journal of Cleaner Production</i> , <b>2018</b> , 204, 82-95	10.3	53
92	Generalized fuzzy Euler graphs and generalized fuzzy Hamiltonian graphs. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 35, 3413-3419	1.6	12
91	Optimal production run time and inspection errors in an imperfect production system with warranty. <i>Journal of Industrial and Management Optimization</i> , <b>2018</b> , 14, 267-282	2	12
90	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> , <b>2018</b> , 388-426	0.3	3

89	Effect of inspection performance in smart manufacturing system based on human quality control system. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 94, 4351-4364	3.2	37
88	Ordering Policy Using Multi-Level Association Rule Mining. <i>International Journal of Information Systems and Supply Chain Management</i> , <b>2018</b> , 11, 84-101	0.6	1
87	Effects of human errors and trade-credit financing in two-echelon supply chain models. <i>European Journal of Industrial Engineering</i> , <b>2018</b> , 12, 465	1.1	10
86	Sustainable Inventory Management for Environmental Impact through Partial Backordering and Multi-Trade-Credit-Period. <i>Sustainability</i> , <b>2018</b> , 10, 4761	3.6	24
85	Supply Chain with Customer-Based Two-Level Credit Policies under an Imperfect Quality Environment. <i>Mathematics</i> , <b>2018</b> , 6, 299	2.3	10
84	Effect of Energy and Failure Rate in a Multi-Item Smart Production System. <i>Energies</i> , <b>2018</b> , 11, 2958	3.1	13
83	A multi-retailer supply chain model with backorder and variable production cost. <i>RAIRO - Operations Research</i> , <b>2018</b> , 52, 943-954	2.2	34
82	Lost sales reduction and quality improvement with variable lead time and fuzzy costs in an imperfect production system. <i>RAIRO - Operations Research</i> , <b>2018</b> , 52, 819-837	2.2	22
81	Application of Normalized Lifetime-Dependent Selling-Price in a Supply Chain Model. <i>International Journal of Applied and Computational Mathematics</i> , <b>2018</b> , 4, 1	1.3	1
80	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> , <b>2018</b> , 320-327	0.5	1
79	An improved way to calculate imperfect items during long-run production in an integrated inventory model with backorders. <i>Journal of Manufacturing Systems</i> , <b>2018</b> , 47, 153-167	9.1	32
78	Fuzzy ( $\phi$ )-tolerance competition graphs. <i>Soft Computing</i> , <b>2017</b> , 21, 3723-3734	3.5	42
77	Aqueous extraction kinetics of phenolic compounds from jamun ( <i>Syzygium cumini</i> L.) seeds. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, 372-389	3	26
76	Periodic review fuzzy inventory model with variable lead time and fuzzy demand. <i>International Transactions in Operational Research</i> , <b>2017</b> , 24, 1197-1227	2.9	57
75	Rhamnolipid based micellar-enhanced ultrafiltration for simultaneous removal of Cd(II) and phenolic compound from wastewater. <i>Chemical Engineering Journal</i> , <b>2017</b> , 319, 131-142	14.7	30
74	Manufacturing quality improvement and setup cost reduction in a vendor-buyer supply chain model. <i>European Journal of Industrial Engineering</i> , <b>2017</b> , 11, 588	1.1	27
73	Minimum Quantity Lubrication and Carbon Footprint: A Step towards Sustainability. <i>Sustainability</i> , <b>2017</b> , 9, 714	3.6	25
72	Demand uncertainty and learning in fuzziness in a continuous review inventory model. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2017</b> , 33, 2595-2608	1.6	17

71	Environmental and economic assessment of closed-loop supply chain with remanufacturing and returnable transport items. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 111, 148-163	6.4	92
70	Multi-stage cleaner production process with quality improvement and lead time dependent ordering cost. <i>Journal of Cleaner Production</i> , <b>2017</b> , 144, 572-590	10.3	77
69	Optimal buffer inventory and inspection errors in an imperfect production system with preventive maintenance. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 90, 545-560	3.2	31
68	Impact of random defective rate on lot size focusing work-in-process inventory in manufacturing system. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 1748-1766	7.8	29
67	An Integrated Location-Allocation Model for Temporary Disaster Debris Management under an Uncertain Environment. <i>Sustainability</i> , <b>2017</b> , 9, 716	3.6	40
66	Effects of Variable Production Rate and Time-Dependent Holding Cost for Complementary Products in Supply Chain Model. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-13	1.1	9
65	Supply Chain Model with Stochastic Lead Time, Trade-Credit Financing, and Transportation Discounts. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-14	1.1	16
64	Two-echelon supply chain model with manufacturing quality improvement and setup cost reduction. <i>Journal of Industrial and Management Optimization</i> , <b>2017</b> , 13, 1085-1104	2	49
63	Stochastic machine breakdown and discrete delivery in an imperfect inventory-production system. <i>Journal of Industrial and Management Optimization</i> , <b>2017</b> , 13, 1511-1535	2	18
62	An integrated inventory model with variable transportation cost, two-stage inspection, and defective items. <i>Journal of Industrial and Management Optimization</i> , <b>2017</b> , 13, 1975-1990	2	20
61	Product inspection policy for an imperfect production system with inspection errors and warranty cost. <i>European Journal of Operational Research</i> , <b>2016</b> , 248, 263-271	5.6	108
60	Optimal batch quantity in a cleaner multi-stage lean production system with random defective rate. <i>Journal of Cleaner Production</i> , <b>2016</b> , 139, 922-934	10.3	70
59	Controllable lead time, service level constraint, and transportation discounts in a continuous review inventory model. <i>RAIRO - Operations Research</i> , <b>2016</b> , 50, 921-934	2.2	51
58	Integrated membrane process for purification and concentration of aqueous <i>Syzygium cumini</i> (L.) seed extract. <i>Food and Bioprocess Technology</i> , <b>2016</b> , 98, 29-43	4.9	16
57	Retailer's optimal strategy for fixed lifetime products. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2016</b> , 7, 121-133	3.8	14
56	A review paper on offline inspection of finished and semi-finished products and emerging research directions. <i>Yugoslav Journal of Operations Research</i> , <b>2016</b> , 26, 395-422	0.9	4
55	Supply Chain Coordination with Variable Backorder, Inspections, and Discount Policy for Fixed Lifetime Products. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-14	1.1	80
54	A Stackelberg Game Approach in an Integrated Inventory Model with Carbon-Emission and Setup Cost Reduction. <i>Sustainability</i> , <b>2016</b> , 8, 1244	3.6	34

53	Interval-valued fuzzy [Formula: see text]-tolerance competition graphs. <i>SpringerPlus</i> , <b>2016</b> , 5, 1981		26
52	Completeness and regularity of generalized fuzzy graphs. <i>SpringerPlus</i> , <b>2016</b> , 5, 1979		26
51	Effect of variable transportation and carbon emission in a three-echelon supply chain model. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2016</b> , 91, 112-128	9	110
50	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> , <b>2016</b> , 4, 90-113	3.3	4
49	Analysis of flux decline during ultrafiltration of apple juice in a batch cell. <i>Food and Bioproducts Processing</i> , <b>2015</b> , 94, 147-157	4.9	16
48	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> , <b>2015</b> , 34, 74-82	9.1	79
47	Quality improvement and backorder price discount under controllable lead time in an inventory model. <i>Journal of Manufacturing Systems</i> , <b>2015</b> , 35, 26-36	9.1	82
46	An inventory model with trade-credit policy and variable deterioration for fixed lifetime products. <i>Annals of Operations Research</i> , <b>2015</b> , 229, 677-702	3.2	101
45	Enhanced Cross-Flow Ultrafiltration of Apple Juice Using Electric Field. <i>Journal of Food Processing and Preservation</i> , <b>2015</b> , 39, 1372-1384	2.1	3
44	Effect of Unequal Lot Sizes, Variable Setup Cost, and Carbon Emission Cost in a Supply Chain Model. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-13	1.1	38
43	Enhanced Separation of Polyethylene Glycol from Bovine Serum Albumin Using Electro-Ultrafiltration. <i>Separation Science and Technology</i> , <b>2015</b> , 50, 1846-1859	2.5	
42	Ordering and transfer policy and variable deterioration for a warehouse model. <i>Hacetatepe Journal of Mathematics and Statistics</i> , <b>2015</b> , 46, 1-1	1.3	4
41	An integrated inventory model with variable lead time, defective units and delay in payments. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 237, 650-658	2.7	72
40	Minimax distribution free continuous-review model with a service level constraint and variable lead time. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 229, 310-315	2.7	64
39	An EMQ model with price and time dependent demand under the effect of reliability and inflation. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 231, 414-421	2.7	51
38	Modeling of permeate flux decline during ultrafiltration of polyvinyl alcohol in a batch cell. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 7495-7506		3
37	Improved quality, setup cost reduction, and variable backorder costs in an imperfect production process. <i>International Journal of Production Economics</i> , <b>2014</b> , 155, 204-213	9.3	98
36	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> , <b>2014</b> , 33, 423-435	9.1	134



35	Prediction of Permeate Flux During Ultrafiltration of Polysaccharide in a Stirred Batch Cell. <i>Food and Bioprocess Technology</i> , <b>2013</b> , 6, 3634-3643	5.1	5
34	An inventory model with time dependent demand and shortages under trade credit policy. <i>Economic Modelling</i> , <b>2013</b> , 35, 349-355	3.4	59
33	A combined complete pore blocking and cake filtration model during ultrafiltration of polysaccharide in a batch cell. <i>Journal of Food Engineering</i> , <b>2013</b> , 116, 333-343	6	25
32	An inventory model with variable demand, component cost and selling price for deteriorating items. <i>Economic Modelling</i> , <b>2013</b> , 30, 306-310	3.4	75
31	Integrated vendor-buyer supply chain model with vendor's setup cost reduction. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 224, 362-371	2.7	74
30	An improved solution to the replenishment policy for the EMQ model with rework and multiple shipments. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 5549-5554	4.5	55
29	An economic manufacturing quantity model with probabilistic deterioration in a production system. <i>Economic Modelling</i> , <b>2013</b> , 31, 245-252	3.4	63
28	Variable deterioration and demand An inventory model. <i>Economic Modelling</i> , <b>2013</b> , 31, 548-556	3.4	43
27	A production-inventory model with probabilistic deterioration in two-echelon supply chain management. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 3138-3151	4.5	188
26	A study on three different dimensional facility location problems. <i>Economic Modelling</i> , <b>2013</b> , 30, 879-887	3.4	13
25	An improved inventory model with partial backlogging, time varying deterioration and stock-dependent demand. <i>Economic Modelling</i> , <b>2013</b> , 30, 924-932	3.4	109
24	An EOQ model with delay in payments and time varying deterioration rate. <i>Mathematical and Computer Modelling</i> , <b>2012</b> , 55, 367-377		184
23	A two-warehouse inventory model with increasing demand and time varying deterioration. <i>Scientia Iranica</i> , <b>2012</b> , 19, 1969-1977	1.5	74
22	A combined complete pore blocking and cake filtration model for steady-state electric field-assisted ultrafiltration. <i>AIChE Journal</i> , <b>2012</b> , 58, 1435-1446	3.6	15
21	An inventory model with reliability in an imperfect production process. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 218, 4881-4891	2.7	123
20	An EOQ model with delay in payments and stock dependent demand in the presence of imperfect production. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 218, 8295-8308	2.7	119
19	An economic production quantity model with stochastic demand in an imperfect production system. <i>International Journal of Services and Operations Management</i> , <b>2011</b> , 9, 259	0.4	42
18	An EPQ model with inflation in an imperfect production system. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 6159-6167	2.7	140

17	An imperfect production process for time varying demand with inflation and time value of money □ An EMQ model. <i>Expert Systems With Applications</i> , <b>2011</b> ,	7.8	27
16	Prediction of permeate flux for turbulent flow in cross flow electric field assisted ultrafiltration. <i>Journal of Membrane Science</i> , <b>2011</b> , 369, 77-87	9.6	15
15	Optimal reliability, production lotsize and safety stock: an economic manufacturing quantity model. <i>International Journal of Management Science and Engineering Management</i> , <b>2010</b> , 5, 192-202	2.8	37
14	A stock-dependent inventory model in an imperfect production process. <i>International Journal of Procurement Management</i> , <b>2010</b> , 3, 361	0.6	33
13	A finite replenishment model with increasing demand under inflation. <i>International Journal of Mathematics in Operational Research</i> , <b>2010</b> , 2, 347	0.8	35
12	Optimal reliability, production lot size and safety stock in an imperfect production system. <i>International Journal of Mathematics in Operational Research</i> , <b>2010</b> , 2, 467	0.8	82
11	Electric field enhanced gel controlled cross-flow ultrafiltration under turbulent flow conditions. <i>Separation and Purification Technology</i> , <b>2010</b> , 74, 73-82	8.3	12
10	Flux decline during electric field-assisted cross-flow ultrafiltration of mosambi (Citrus sinensis (L.) Osbeck) juice. <i>Journal of Membrane Science</i> , <b>2009</b> , 331, 75-83	9.6	17
9	Electric field enhanced fractionation of protein mixture using ultrafiltration. <i>Journal of Membrane Science</i> , <b>2009</b> , 341, 11-20	9.6	26
8	Prediction of permeate flux during electric field enhanced cross-flow ultrafiltration□ neural network approach. <i>Separation and Purification Technology</i> , <b>2009</b> , 65, 260-268	8.3	53
7	Application of external electric field to enhance the permeate flux during micellar enhanced ultrafiltration. <i>Separation and Purification Technology</i> , <b>2009</b> , 66, 263-272	8.3	22
6	Prediction of permeate flux during osmotic pressure-controlled electric field-enhanced cross-flow ultrafiltration. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 319, 236-46	9.3	16
5	Effect of electric field during gel-layer controlled ultrafiltration of synthetic and fruit juice. <i>Journal of Membrane Science</i> , <b>2008</b> , 307, 268-276	9.6	34
4	Pulsed electric field enhanced ultrafiltration of synthetic and fruit juice. <i>Separation and Purification Technology</i> , <b>2008</b> , 63, 582-591	8.3	20
3	Cross-flow electro-ultrafiltration of mosambi (Citrus sinensis (L.) Osbeck) juice. <i>Journal of Food Engineering</i> , <b>2008</b> , 89, 241-245	6	21
2	A study of electric field enhanced ultrafiltration of synthetic fruit juice and optical quantification of gel deposition. <i>Journal of Membrane Science</i> , <b>2008</b> , 311, 112-120	9.6	35
1	Multicriteria decision making approach for strategy formulation using Pythagorean fuzzy MULTIMOORA. <i>Expert Systems</i> , e12802	2.1	6