

# Xin Chen

## 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.

40  
papers

2,234  
citations

21  
h-index

44  
g-index

44  
ext. papers

2,784  
ext. citations

2  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
40	Discrete Convex Analysis and Its Applications in Operations: A Survey. <i>Production and Operations Management</i> , <b>2021</b> , 30, 1904-1926	3.6	2
39	Preservation of Supermodularity in Parametric Optimization: Necessary and Sufficient Conditions on Constraint Structures. <i>Operations Research</i> , <b>2021</b> , 69, 1-12	2.3	2
38	On sparsity of the solution to a random quadratic optimization problem. <i>Mathematical Programming</i> , <b>2021</b> , 186, 309-336	2.1	
37	Technical Note Stochastic Optimization with Decisions Truncated by Positively Dependent Random Variables. <i>Operations Research</i> , <b>2019</b> , 67, 1321-1327	2.3	3
36	M-natural-Convexity and its Applications in Operations. <i>SSRN Electronic Journal</i> , <b>2019</b> ,	1	2
35	Dynamic Pricing with Stochastic Reference Price Effect. <i>Journal of the Operations Research Society of China</i> , <b>2019</b> , 7, 107-125	1.3	3
34	Population Monotonicity in Newsvendor Games. <i>Management Science</i> , <b>2019</b> ,	3.9	1
33	Preservation of Structural Properties in Optimization with Decisions Truncated by Random Variables and Its Applications. <i>Operations Research</i> , <b>2018</b> , 66, 340-357	2.3	20
32	Operational Hedging through Dual-Sourcing under Capacity Uncertainty. <i>Foundations and Trends in Technology, Information and Operations Management</i> , <b>2017</b> , 11, 46-64	0.3	2
31	Efficient Algorithms for the Dynamic Pricing Problem with Reference Price Effect. <i>Management Science</i> , <b>2017</b> , 63, 4389-4408	3.9	41
30	L&natur;-convexity and its applications in operations. <i>Frontiers of Engineering Management</i> , <b>2017</b> , 4, 283-297	2.7	7
29	Technical Note Dynamic Pricing with Gain-Seeking Reference Price Effects. <i>Operations Research</i> , <b>2016</b> , 64, 150-157	2.3	50
28	Duality Approaches to Economic Lot-Sizing Games. <i>Production and Operations Management</i> , <b>2016</b> , 25, 1203-1215	3.6	10
27	Dynamic Stochastic Inventory Management with Reference Price Effects. <i>Operations Research</i> , <b>2016</b> , 64, 1529-1536	2.3	60
26	New Analysis on Sparse Solutions to Random Standard Quadratic Optimization Problems and Extensions. <i>Mathematics of Operations Research</i> , <b>2015</b> , 40, 725-738	1.5	5
25	A new approach to two-location joint inventory and transshipment control via . <i>Operations Research Letters</i> , <b>2015</b> , 43, 65-68	1	19
24	Robust stochastic optimization for reservoir operation. <i>Water Resources Research</i> , <b>2015</b> , 51, 409-429	5.4	32

23	Dynamic Capacity Management with General Upgrading. <i>Operations Research</i> , <b>2015</b> , 63, 1372-1389	2.3	24
22	The Logic of Logistics. <i>Springer Series in Operations Research</i> , <b>2014</b> ,	1.8	58
21	Stable and Coordinating Contracts for a Supply Chain with Multiple Risk-Averse Suppliers. <i>Production and Operations Management</i> , <b>2014</b> , 23, 379-392	3.6	33
20	Coordinating Inventory Control and Pricing Strategies for Perishable Products. <i>Operations Research</i> , <b>2014</b> , 62, 284-300	2.3	154
19	Integration of Inventory and Pricing. <i>Springer Series in Operations Research</i> , <b>2014</b> , 177-209	1.8	6
18	Cost allocation of capacity investment games. <i>Naval Research Logistics</i> , <b>2013</b> , 60, 512-523	1.5	5
17	Sparse solutions to random standard quadratic optimization problems. <i>Mathematical Programming</i> , <b>2013</b> , 141, 273-293	2.1	13
16	Sparse Solutions to Complex Models <b>2013</b> , 37-59		1
15	Technical Note Preservation of Supermodularity in Parametric Optimization Problems with Nonlattice Structures. <i>Operations Research</i> , <b>2013</b> , 61, 1166-1173	2.3	23
14	Joint pricing and inventory management with deterministic demand and costly price adjustment. <i>Operations Research Letters</i> , <b>2012</b> , 40, 385-389	1	32
13	Pricing and Inventory Management <b>2012</b> ,		58
12	Integration of Inventory and Pricing Decisions with Costly Price Adjustments. <i>Operations Research</i> , <b>2011</b> , 59, 1144-1158	2.3	27
11	Inventory Centralization Games with Price-Dependent Demand and Quantity Discount. <i>Operations Research</i> , <b>2009</b> , 57, 1394-1406	2.3	37
10	Uncertain Linear Programs: Extended Affinely Adjustable Robust Counterparts. <i>Operations Research</i> , <b>2009</b> , 57, 1469-1482	2.3	98
9	A Stochastic Programming Duality Approach to Inventory Centralization Games. <i>Operations Research</i> , <b>2009</b> , 57, 840-851	2.3	58
8	A Linear Decision-Based Approximation Approach to Stochastic Programming. <i>Operations Research</i> , <b>2008</b> , 56, 344-357	2.3	133
7	Risk Aversion in Inventory Management. <i>Operations Research</i> , <b>2007</b> , 55, 828-842	2.3	208
6	A Robust Optimization Perspective on Stochastic Programming. <i>Operations Research</i> , <b>2007</b> , 55, 1058-1071	2.3	224

5	Coordinating inventory control and pricing strategies: The continuous review model. <i>Operations Research Letters</i> , <b>2006</b> , 34, 323-332	1	85
4	Coordinating Inventory Control and Pricing Strategies with Random Demand and Fixed Ordering Cost: The Finite Horizon Case. <i>Operations Research</i> , <b>2004</b> , 52, 887-896	2.3	498
3	Coordinating Inventory Control and Pricing Strategies with Random Demand and Fixed Ordering Cost: The Infinite Horizon Case. <i>Mathematics of Operations Research</i> , <b>2004</b> , 29, 698-723	1.5	192
2	Asymptotic Optimality of Constant-Order Policies in Joint Pricing and Inventory Control Models. <i>SSRN Electronic Journal</i> ,	1	6
1	M <sup>?</sup> -Convexity and Its Applications in Operations. <i>Operations Research</i> ,	2.3	1