Garrett Van Ryzin

List of Publications by Year
in descending order

30 papers	6,807 citations	201674 27 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	2619 citing authors

#	Article	IF	Citations
1	Optimal Dynamic Pricing of Inventories with Stochastic Demand over Finite Horizons. Management Science, 1994, 40, 999-1020.	4.1	1,475
2	Revenue Management Under a General Discrete Choice Model of Consumer Behavior. Management Science, 2004, 50, 15-33.	4.1	830
3	A Multiproduct Dynamic Pricing Problem and Its Applications to Network Yield Management. Operations Research, 1997, 45, 24-41.	1.9	756
4	On the Relationship Between Inventory Costs and Variety Benefits in Retail Assortments. Management Science, 1999, 45, 1496-1509.	4.1	410
5	Stocking Retail Assortments Under Dynamic Consumer Substitution. Operations Research, 2001, 49, 334-351.	1.9	357
6	A Stochastic and Dynamic Vehicle Routing Problem in the Euclidean Plane. Operations Research, 1991, 39, 601-615.	1.9	342
7	An Analysis of Bid-Price Controls for Network Revenue Management. Management Science, 1998, 44, 1577-1593.	4.1	314
8	On the Choice-Based Linear Programming Model for Network Revenue Management. Manufacturing and Service Operations Management, 2008, 10, 288-310.	3.7	258
9	Stochastic and Dynamic Vehicle Routing in the Euclidean Plane with Multiple Capacitated Vehicles. Operations Research, 1993, 41, 60-76.	1.9	236
10	Estimating Primary Demand for Substitutable Products from Sales Transaction Data. Operations Research, 2012, 60, 313-334.	1.9	214
11	Inventory Competition Under Dynamic Consumer Choice. Operations Research, 2001, 49, 646-657.	1.9	171
12	Overbooking with Substitutable Inventory Classes. Operations Research, 2004, 52, 83-104.	1.9	160
13	OM Practiceâ€"Choice-Based Revenue Management: An Empirical Study of Estimation and Optimization. Manufacturing and Service Operations Management, 2010, 12, 371-392.	3.7	149
14	Optimal Dynamic Auctions for Revenue Management. Management Science, 2002, 48, 1388-1407.	4.1	148
15	A Randomized Linear Programming Method for Computing Network Bid Prices. Transportation Science, 1999, 33, 207-216.	4.4	147
16	Revenue Management Without Forecasting or Optimization: An Adaptive Algorithm for Determining Airline Seat Protection Levels. Management Science, 2000, 46, 760-775.	4.1	126
17	A Market Discovery Algorithm to Estimate a General Class of Nonparametric Choice Models. Management Science, 2015, 61, 281-300.	4.1	89
18	Stochastic and dynamic vehicle routing with general demand and interarrival time distributions. Advances in Applied Probability, 1993, 25, 947-978.	0.7	80

#	Article	IF	Citations
19	Simulation-Based Optimization of Virtual Nesting Controls for Network Revenue Management. Operations Research, 2008, 56, 865-880.	1.9	80
20	Computing Virtual Nesting Controls for Network Revenue Management Under Customer Choice Behavior. Manufacturing and Service Operations Management, 2008, 10, 448-467.	3.7	77
21	The Effectiveness of Field Price Discretion: Empirical Evidence from Auto Lending. Management Science, 2015, 61, 1741-1759.	4.1	70
22	Small Modular Infrastructure. Engineering Economist, 2013, 58, 231-264.	1.1	67
23	Technical Note—An Expectation-Maximization Method to Estimate a Rank-Based Choice Model of Demand. Operations Research, 2017, 65, 396-407.	1.9	62
24	Optimal Auctioning and Ordering in an Infinite Horizon Inventory-Pricing System. Operations Research, 2004, 52, 346-367.	1.9	54
25	Mark-down pricing: An empirical analysis of policies and revenue potential at one apparel retailer. Journal of Revenue and Pricing Management, 2002, 1, 139-160.	1.1	40
26	An asymptotic determination of the minimum spanning tree and minimum matching constants in geometrical probability. Operations Research Letters, 1990, 9, 223-231.	0.7	36
27	Stochastic and dynamic vehicle routing with general demand and interarrival time distributions. Advances in Applied Probability, 1993, 25, 947-978.	0.7	32
28	Dynamic Vehicle Dispatching: Optimal Heavy Traffic Performance and Practical Insights. Operations Research, 1999, 47, 675-692.	1.9	19
29	Estimating Primary Demand for Substitutable Products from Sales Transaction Data. SSRN Electronic Journal, 0, , .	0.4	7
30	A Discrete Choice Model of Yield Management. SSRN Electronic Journal, 0, , .	0.4	1