Chi To Ng

List of Publications by Year in Descending Order

158 papers	4,075 citations	29 h-index	59 g-index
164 ext. papers	4,520 ext. citations	3.5 avg, IF	5.7 L-index

#	Paper	IF	Citations
158	Optimization of after-sales services with spare parts consumption and repairman travel. *International Journal of Production Economics*, **2022**, 244, 108382	9.3	1
157	Information sharing and coordination in a vaccine supply chain.. *Annals of Operations Research*, **2022**, 1-24	3.2	1
156	Remanufacturing with random yield in the presence of the take-back regulation. *Computers and Industrial Engineering*, **2022**, 168, 108097	6.4	1
155	On cycle-nice claw-free graphs. *Discrete Mathematics*, **2022**, 345, 112876	0.7	
154	Effects of imperfect IoT-enabled diagnostics on maintenance services: A system design perspective. *Computers and Industrial Engineering*, **2021**, 153, 107096	6.4	1
153	Remanufacturing strategies under product take-back regulation. *International Journal of Production Economics*, **2021**, 235, 108091	9.3	5
152	A note on competing-agent Pareto-scheduling. *Optimization Letters*, **2021**, 15, 249-262	1.1	4
151	Scheduling an autonomous robot searching for hidden targets. *Annals of Operations Research*, **2021** , 298, 95-109	3.2	6
150	Optimal bi-criterion planning of rescue and evacuation operations for marine accidents using an iterative scheduling algorithm. *Annals of Operations Research*, **2021**, 296, 407-420	3.2	2
149	Single-machine hierarchical scheduling with release dates and preemption to minimize the total completion time and a regular criterion. *European Journal of Operational Research*, **2021**, 293, 79-92	5.6	1
148	Pareto-optimization of three-agent scheduling to minimize the total weighted completion time, weighted number of tardy jobs, and total weighted late work. *Naval Research Logistics*, **2021**, 68, 378-393	1.5	8
147	Bicriteria scheduling to minimize total late work and maximum tardiness with preemption. *Computers and Industrial Engineering*, **2021**, 159, 107525	6.4	3
146	Effect of free-riding behavior on vaccination coverage with customer regret. *Computers and Industrial Engineering*, **2021**, 159, 107494	6.4	3
145	Operations strategy for supply chain finance with asset-backed securitization: Centralization and blockchain adoption. *International Journal of Production Economics*, **2021**, 241, 108261	9.3	12
144	Pricing and Return Policies in a Competitive Market: A Consumer-Valuation Based Analysis with Valuation Uncertainties. *Sustainability*, **2021**, 13, 1432	3.6	
143	Two-agent preemptive Pareto-scheduling to minimize the number of tardy jobs and total late work. *Journal of Combinatorial Optimization*, **2021**, 41, 504-525	0.9	6
142	Quantity Leadership for a Dual-Channel Supply Chain with Retail Service. *Asia-Pacific Journal of Operational Research*, **2020**, 37, 2050005	0.8	5

141	Single Bounded Parallel-Batch Machine Scheduling with an Unavailability Constraint and Job Delivery. *Lecture Notes in Computer Science*, **2020**, 525-536	0.9	2
140	Coordinating quality, time, and carbon emissions in perishable food production: A new technology integrating GERT and the Bayesian approach. *International Journal of Production Economics*, **2020**, 225, 107570	9.3	3
139	A Study on Operational Risk and Credit Portfolio Risk Estimation Using Data Analytics*. *Decision Sciences*, **2020**,	3.7	4
138	Implications of peer-to-peer product sharing when the selling firm joins the sharing market. *International Journal of Production Economics*, **2020**, 219, 138-151	9.3	13
137	New retail versus traditional retail in e-commerce: channel establishment, price competition, and consumer recognition. *Annals of Operations Research*, **2020**, 291, 921-937	3.2	16
136	Scheduling with release dates and preemption to minimize multiple max-form objective functions. *European Journal of Operational Research*, **2020**, 280, 860-875	5.6	11
135	A further study on two-agent parallel-batch scheduling with release dates and deteriorating jobs to minimize the makespan. *European Journal of Operational Research*, **2019**, 273, 74-81	5.6	20
134	Single-machine scheduling with deadlines to minimize the total weighted late work. *Naval Research Logistics*, **2019**, 66, 582-595	1.5	15
133	Pricing substitutable products under consumer regrets. *International Journal of Production Economics*, **2018**, 203, 286-300	9.3	6
132	A multi-criterion approach to optimal vaccination planning: Method and solution. *Computers and Industrial Engineering*, **2018**, 126, 637-649	6.4	10
131	Fast approximation algorithms for uniform machine scheduling with processing set restrictions. *European Journal of Operational Research*, **2017**, 260, 507-513	5.6	2
130	Flexible capacity strategy in an asymmetric oligopoly market with competition and demand uncertainty. *Naval Research Logistics*, **2017**, 64, 117-138	1.5	8
129	Factors Contributing to Haze Pollution: Evidence from Macao, China. *Energies*, **2017**, 10, 1352	3.1	5
128	Electricity Time-of-Use Tariff with Stochastic Demand. *Production and Operations Management*, **2017**, 26, 64-79	3.6	25
127	Two-agent scheduling on a single sequential and compatible batching machine. *Naval Research Logistics*, **2017**, 64, 628-641	1.5	8
126	An alternative approach for proving the NP-hardness of optimization problems. *European Journal of Operational Research*, **2016**, 248, 52-58	5.6	4
125	Sustainability investment under cap-and-trade regulation. *Annals of Operations Research*, **2016**, 240, 509-531	3.2	192
124	Green Service: Construct Development and Measurement Validation. *Production and Operations Management*, **2016**, 25, 432-457	3.6	39

123	Single-machine batch scheduling with job processing time compatibility. *Theoretical Computer Science*, **2015**, 583, 57-66	1.1	4
122	Two-agent single-machine scheduling with release dates and preemption to minimize the maximum lateness. *Journal of Scheduling*, **2015**, 18, 147-153	1.6	13
121	How small are shifts required in optimal preemptive schedules?. *Journal of Scheduling*, **2015**, 18, 155-163	1.6	1
120	Design and analysis of a fast approximation algorithm for multi-modal emergency evacuation routes in the 3D environment **2015**, 307-312		
119	RFID value in aircraft parts supply chains: A case study. *International Journal of Production Economics*, **2014**, 147, 330-339	9.3	31
118	Flexible capacity strategy with multiple market periods under demand uncertainty and investment constraint. *European Journal of Operational Research*, **2014**, 236, 511-521	5.6	20
117	Technology investment under flexible capacity strategy with demand uncertainty. *International Journal of Production Economics*, **2014**, 154, 190-197	9.3	17
116	A graph-theoretic approach to interval scheduling on dedicated unrelated parallel machines. *Journal of the Operational Research Society*, **2014**, 65, 1571-1579	2	9
115	Multi-period empty container repositioning with stochastic demand and lost sales. *Journal of the Operational Research Society*, **2014**, 65, 302-319	2	21
114	Scheduling jobs with release dates on parallel batch processing machines to minimize the makespan. *Optimization Letters*, **2014**, 8, 307-318	1.1	11
113	A note on reverse scheduling with maximum lateness objective. *Journal of Scheduling*, **2013**, 16, 417-422	1.6	7
112	An optimal online algorithm for single parallel-batch machine scheduling with incompatible job families to minimize makespan. *Operations Research Letters*, **2013**, 41, 216-219	1	10
111	Electricity time-of-use tariff with consumer behavior consideration. *International Journal of Production Economics*, **2013**, 146, 402-410	9.3	42
110	An improved on-line algorithm for single parallel-batch machine scheduling with delivery times. *Discrete Applied Mathematics*, **2012**, 160, 1191-1210	1	15
109	A theorem on cycle-wheel Ramsey number. *Discrete Mathematics*, **2012**, 312, 1059-1061	0.7	4
108	Preemptive repayment policy for multiple loans. *Annals of Operations Research*, **2012**, 192, 141-150	3.2	1
107	Optimal Policy for Inventory Transfer Between Two Depots With Backlogging. *IEEE Transactions on Automatic Control*, **2012**, 57, 3247-3252	5.9	10
106	The unbounded parallel-batch scheduling with rejection. *Journal of the Operational Research Society* , **2012**, 63, 293-298	2	9

105	On-line integrated production and outbound distribution scheduling to minimize the maximum delivery completion time. *Journal of Scheduling*, **2012**, 15, 391-398	1.6	18
104	A note on the subtree ordered median problem in networks based on nestedness property. *Journal of Industrial and Management Optimization*, **2012**, 8, 41-49	2	7
103	Inverse scheduling: applications in shipping. *International Journal of Shipping and Transport Logistics* , **2011**, 3, 312	1	13
102	Two-agent scheduling to minimize the total cost. *European Journal of Operational Research*, **2011**, 215, 39-44	5.6	44
101	Flowshop scheduling of deteriorating jobs on dominating machines. *Computers and Industrial Engineering*, **2011**, 61, 647-654	6.4	17
100	A best online algorithm for unbounded parallel-batch scheduling with restarts to minimize makespan. *Journal of Scheduling*, **2011**, 14, 361-369	1.6	14
99	Multi-facility ordered median problems in directed networks. *Journal of Systems Science and Complexity*, **2011**, 24, 61-67	1	2
98	Polynomial-time approximation scheme for concurrent open shop scheduling with a fixed number of machines to minimize the total weighted completion time. *Naval Research Logistics*, **2011**, 58, 763-770	1.5	3
97	Best semi-online algorithms for unbounded parallel batch scheduling. *Discrete Applied Mathematics* , **2011**, 159, 838-847	1	14
96	A closed-form solution for the optimal release times for the F2| deteriorating jobs |∑wjCj problem. *Discrete Applied Mathematics*, **2011**, 159, 1367-1376	1	
95	Parallel-batch scheduling of deteriorating jobs with release dates to minimize the makespan. *European Journal of Operational Research*, **2011**, 210, 482-488	5.6	51
94	Optimal production strategy under demand fluctuations: Technology versus capacity. *European Journal of Operational Research*, **2011**, 214, 393-402	5.6	10
93	Optimal algorithms for single-machine scheduling with rejection to minimize the makespan. *International Journal of Production Economics*, **2011**, 130, 153-158	9.3	22
92	Group scheduling and due date assignment on a single machine. *International Journal of Production Economics*, **2011**, 130, 230-235	9.3	29
91	Scheduling deteriorating jobs with CON/SLK due date assignment on a single machine. *International Journal of Production Economics*, **2011**, 131, 747-751	9.3	39
90	Online scheduling on unbounded parallel-batch machines with incompatible job families. *Theoretical Computer Science*, **2011**, 412, 2380-2386	1.1	4
89	The loader problem: formulation, complexity and algorithms. *Journal of the Operational Research Society*, **2010**, 61, 840-848	2	
88	Evaluating the effects of distribution centres on the performance of vendor-managed inventory systems. *European Journal of Operational Research*, **2010**, 201, 112-122	5.6	13

87	A polynomial-time algorithm for the weighted link ring loading problem with integer demand splitting. *Theoretical Computer Science*, **2010**, 411, 2978-2986	1.1	3
86	On the complexity of bi-criteria scheduling on a single batch processing machine. *Journal of Scheduling*, **2010**, 13, 629-638	1.6	13
85	Online scheduling on two parallel-batching machines with limited restarts to minimize the makespan. *Information Processing Letters*, **2010**, 110, 444-450	0.8	7
84	Impact of risk aversion on optimal decisions in supply contracts. *International Journal of Production Economics*, **2010**, 128, 569-576	9.3	55
83	A simple FPTAS for a single-item capacitated economic lot-sizing problem with a monotone cost structure. *European Journal of Operational Research*, **2010**, 200, 621-624	5.6	10
82	Pricing problem in wireless telecommunication product and service bundling. *European Journal of Operational Research*, **2010**, 207, 473-480	5.6	29
81	Product Partition and related problems of scheduling and systems reliability: Computational complexity and approximation. *European Journal of Operational Research*, **2010**, 207, 601-604	5.6	35
80	Preemptive scheduling with simple linear deterioration on a single machine. *Theoretical Computer Science*, **2010**, 411, 3578-3586	1.1	14
79	On scheduling unbounded batch processing machine(s). *Computers and Industrial Engineering*, **2010**, 58, 814-817	6.4	1
78	A branch-and-bound algorithm for solving a two-machine flow shop problem with deteriorating jobs. *Computers and Operations Research*, **2010**, 37, 83-90	4.6	57
77	TWO-MACHINE FLOW-SHOP MINIMUM-LENGTH SCHEDULING WITH INTERVAL PROCESSING TIMES. *Asia-Pacific Journal of Operational Research*, **2009**, 26, 715-734	0.8	15
76	Bicriterion scheduling with equal processing times on a batch processing machine. *Computers and Operations Research*, **2009**, 36, 110-118	4.6	15
75	Codiameters of 3-domination critical graphs with toughness more than one. *Discrete Mathematics*, **2009**, 309, 1067-1078	0.7	1
74	Preemptive scheduling of jobs with agreeable due dates on a single machine to minimize total tardiness. *Operations Research Letters*, **2009**, 37, 368-374	1	4
73	Two semi-online scheduling problems on two uniform machines. *Theoretical Computer Science*, **2009**, 410, 776-792	1.1	15
72	Online scheduling on unbounded parallel-batch machines to minimize the makespan. *Information Processing Letters*, **2009**, 109, 1211-1215	0.8	32
71	Finite dominating sets for the multi-facility ordered median problem in networks and algorithmic applications. *Computers and Industrial Engineering*, **2009**, 57, 707-712	6.4	5
70	The Ramsey numbers for cycles versus wheels of odd order. *Applied Mathematics Letters*, **2009**, 22, 1875-1876	3	4

69	Scheduling jobs with release dates on parallel batch processing machines. *Discrete Applied Mathematics*, **2009**, 157, 1825-1830	1	11
68	The EOQ problem with decidable warehouse capacity: Analysis, solution approaches and applications. *Discrete Applied Mathematics*, **2009**, 157, 1806-1824	1	11
67	Hamilton-connectivity of 3-domination critical graphs with . *Discrete Mathematics*, **2008**, 308, 1296-1307	0.7	5
66	Group sequencing around a common due date. *Discrete Optimization*, **2008**, 5, 594-604	1	9
65	Batch scheduling of step deteriorating jobs. *Journal of Scheduling*, **2008**, 11, 17-28	1.6	17
64	Exact L 2-norm plane separation. *Optimization Letters*, **2008**, 2, 483-495	1.1	7
63	An FPTAS for a supply scheduling problem with non-monotone cost functions. *Naval Research Logistics*, **2008**, 55, 194-199	1.5	6
62	The bounded single-machine parallel-batching scheduling problem with family jobs and release dates to minimize makespan. *Operations Research Letters*, **2008**, 36, 61-66	1	24
61	Minimizing sum of completion times for batch scheduling of jobs with deteriorating processing times. *European Journal of Operational Research*, **2008**, 187, 1090-1099	5.6	32
60	A discrete EOQ problem is solvable in O(logn) time. *European Journal of Operational Research*, **2008** , 189, 914-919	5.6	8
59	A survey of scheduling problems with setup times or costs. *European Journal of Operational Research*, **2008**, 187, 985-1032	5.6	919
58	Single-machine scheduling with deteriorating jobs under a series□parallel graph constraint. *Computers and Operations Research*, **2008**, 35, 2684-2693	4.6	65
57	Multi-agent scheduling on a single machine with max-form criteria. *European Journal of Operational Research*, **2008**, 188, 603-609	5.6	142
56	Single-machine scheduling of multi-operation jobs without missing operations to minimize the total completion time. *European Journal of Operational Research*, **2008**, 191, 320-331	5.6	3
55	An improved on-line algorithm for scheduling on two unrestrictive parallel batch processing machines. *Operations Research Letters*, **2008**, 36, 584-588	1	19
54	Single-machine scheduling with a time-dependent learning effect. *International Journal of Production Economics*, **2008**, 111, 802-811	9.3	92
53	Scheduling jobs with agreeable processing times and due dates on a single batch processing machine. *Theoretical Computer Science*, **2007**, 374, 159-169	1.1	13
52	An improved algorithm for the p-center problem on interval graphs with unit lengths. *Computers and Operations Research*, **2007**, 34, 2215-2222	4.6	14

51	Paired domination on interval and circular-arc graphs. *Discrete Applied Mathematics*, **2007**, 155, 2077-2086	1	34
50	The Ramsey numbers for a cycle of length six or seven versus a clique of order seven. *Discrete Mathematics*, **2007**, 307, 1047-1053	0.7	4
49	Fixed interval scheduling: Models, applications, computational complexity and algorithms. *European Journal of Operational Research*, **2007**, 178, 331-342	5.6	118
48	Approximability of single machine scheduling with fixed jobs to minimize total completion time. *European Journal of Operational Research*, **2007**, 178, 46-56	5.6	4
47	NP-hardness of the single-variable-resource scheduling problem to minimize the total weighted completion time. *European Journal of Operational Research*, **2007**, 178, 631-633	5.6	5
46	Cost minimizing scheduling of work and rework processes on a single facility under deterioration of reworkables. *International Journal of Production Economics*, **2007**, 105, 345-356	9.3	29
45	Single machine serial-batching scheduling problem with a common batch size to minimize total weighted completion time. *International Journal of Production Economics*, **2007**, 105, 402-406	9.3	17
44	Special issue on scheduling in batch-processing industries and supply chains. *International Journal of Production Economics*, **2007**, 105, 299-300	9.3	2
43	A note on a fully polynomial-time approximation scheme for parallel-machine scheduling with deteriorating jobs. *International Journal of Production Economics*, **2007**, 109, 180-184	9.3	45
42	Batching and scheduling in a multi-machine flow shop. *Journal of Scheduling*, **2007**, 10, 353-364	1.6	19
41	Due-date assignment and parallel-machine scheduling with deteriorating jobs. *Journal of the Operational Research Society*, **2007**, 58, 1103-1108	2	24
40	The three-machine flowshop scheduling problem to minimise maximum lateness with separate setup times. *International Journal of Operational Research*, **2007**, 2, 135	0.9	5
39	Multi-agent scheduling on a single machine to minimize total weighted number of tardy jobs. *Theoretical Computer Science*, **2006**, 362, 273-281	1.1	181
38	A DISCRETE EOQ PROBLEM WITH MAXIMUM ORDER SIZE COSTS. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2006**, 39, 259-263		
37	A note on acyclic domination number in graphs of diameter two. *Discrete Applied Mathematics*, **2006**, 154, 1019-1022	1	
36	A new algorithm for online uniform-machine scheduling to minimize the makespan. *Information Processing Letters*, **2006**, 99, 102-105	0.8	13
35	Minimizing total completion time in a two-machine flow shop with deteriorating jobs. *Applied Mathematics and Computation*, **2006**, 180, 185-193	2.7	62
34	Scheduling of multi-buyer joint replenishments. *International Journal of Production Economics*, **2006**, 102, 132-142	9.3	19

33	A note on the complexity of the problem of two-agent scheduling on a single machine. *Journal of Combinatorial Optimization*, **2006**, 12, 387-394	0.9	130
32	An O(n 2) algorithm for scheduling equal-length preemptive jobs on a single machine to minimize total tardiness. *Journal of Scheduling*, **2006**, 9, 343-364	1.6	12
31	Single machine batch scheduling problem with family setup times and release dates to minimize makespan. *Journal of Scheduling*, **2006**, 9, 499-513	1.6	15
30	A note on domination and minus domination numbers in cubic graphs. *Applied Mathematics Letters*, **2005**, 18, 1062-1067	3.5	5
29	Single machine due-date scheduling of jobs with decreasing start-time dependent processing times. *International Transactions in Operational Research*, **2005**, 12, 355-366	2.9	26
28	On the single machine total tardiness problem. *European Journal of Operational Research*, **2005**, 165, 843-846	5.6	9
27	Single machine scheduling to minimize total weighted tardiness. *European Journal of Operational Research*, **2005**, 165, 423-443	5.6	44
26	Group Scheduling with Controllable Setup and Processing Times: Minimizing Total Weighted Completion Time. *Annals of Operations Research*, **2005**, 133, 163-174	3.2	45
25	Minimizing Completion Time Variance with Compressible Processing Times. *Journal of Global Optimization*, **2005**, 31, 333-352	1.5	11
24	Scheduling to Minimize Makespan with Time-Dependent Processing Times. *Lecture Notes in Computer Science*, **2005**, 925-933	0.9	2
23	Due-date assignment and single machine scheduling with deteriorating jobs. *Journal of the Operational Research Society*, **2004**, 55, 198-203	2	72
22	Single machine batch scheduling with jointly compressible setup and processing times. *European Journal of Operational Research*, **2004**, 153, 211-219	5.6	19
21	An FPTAS for scheduling a two-machine flowshop with one unavailability interval. *Naval Research Logistics*, **2004**, 51, 307-315	1.5	25
20	Single machine parallel batch scheduling subject to precedence constraints. *Naval Research Logistics*, **2004**, 51, 949-958	1.5	15
19	The unbounded single machine parallel batch scheduling problem with family jobs and release dates to minimize makespan. *Theoretical Computer Science*, **2004**, 320, 199-212	1.1	29
18	Batch scheduling with controllable setup and processing times to minimize total completion time. *Journal of the Operational Research Society*, **2003**, 54, 499-506	2	11
17	Concurrent Open Shop Scheduling to Minimize the Weighted Number of Tardy Jobs. *Journal of Scheduling*, **2003**, 6, 405-412	1.6	29
16	The Single Machine Batching Problem with Family Setup Times to Minimize Maximum Lateness is Strongly NP-Hard. *Journal of Scheduling*, **2003**, 6, 483-490	1.6	19

15	A Stronger Complexity Result for the Single Machine Multi-Operation Jobs Scheduling Problem to Minimize the Number of Tardy Jobs. *Journal of Scheduling*, **2003**, 6, 551-555	1.6	4
14	Single machine scheduling with a variable common due date and resource-dependent processing times. *Computers and Operations Research*, **2003**, 30, 1173-1185	4.6	59
13	On the single machine serial batching scheduling problem to minimize total completion time with precedence constraints, release dates and identical processing times. *Operations Research Letters*, **2003**, 31, 323-326	1	18
12	A note on the single machine serial batching scheduling problem to minimize maximum lateness with precedence constraints. *Operations Research Letters*, **2002**, 30, 66-68	1	11
11	Three scheduling problems with deteriorating jobs to minimize the total completion time. *Information Processing Letters*, **2002**, 81, 327-333	0.8	83
10	Strong NP-hardness of the single machine multi-operation jobs total completion time scheduling problem. *Information Processing Letters*, **2002**, 82, 187-191	0.8	8
9	Scheduling start time dependent jobs to minimize the total weighted completion time. *Journal of the Operational Research Society*, **2002**, 53, 688-693	2	62
8	Coordinated replenishments with alternative supply sources in two-level supply chains. *International Journal of Production Economics*, **2001**, 73, 227-240	9.3	23
7	Probabilistic analysis of an asymptotically optimal solution for the completion time variance problem. *Naval Research Logistics*, **1999**, 46, 373-398	1.5	4
6	Probabilistic analysis of an asymptotically optimal solution for the completion time variance problem **1999**, 46, 373		1
5	A New Model For Completion Time Variance Problem With Job-Dependent Weights And Controllable Processing Times. *International Journal of Modelling and Simulation*, **1997**, 17, 306-309	1.5	2
4	A tight lower bound for the completion time variance problem. *European Journal of Operational Research*, **1996**, 92, 211-213	5.6	10
3	Pareto-scheduling with family jobs or ND-agent on a parallel-batch machine to minimize the makespan and maximum cost. *4or*,1	1.4	1
2	Pareto-scheduling with double-weighted jobs to minimize the weighted number of tardy jobs and total weighted late work. *Naval Research Logistics*,	1.5	2
1	Approximation algorithms for batch scheduling with processing set restrictions. *Journal of Scheduling*,1	1.6	2