Chi Kin Chan

List of Publications by Year
in descending order

68 papers	1,585 citations	279798 23 h-index	302126 39 g-index
71 all docs	71 docs citations	71 times ranked	922 citing authors

#	ARTICLE	IF	CITATIONS
1	The impacts of retailers' regret aversion on a random multi-period supply chain network. Journal of Industrial and Management Optimization, 2021, .	1.3	0
2	Supply chain coordination with reverse logistics: A vendor/recycler-buyer synchronized cycles model. Omega, 2020, 95, 102090.	5.9	39
3	Optimal parameter selection problem with application to the synchronization of delivery cycles in a supply chain with Wiener process. Optimal Control Applications and Methods, 2019, 40, 914-937.	2.1	2
4	Optimal option purchase decision of a loss-averse retailer under emergent replenishment. International Journal of Production Research, 2019, 57, 4594-4620.	7.5	32
5	An equilibrium model of the supply chain network under multi-attribute behaviors analysis. European Journal of Operational Research, 2019, 275, 514-535.	5.7	22
6	Coping with risk management and fill rate in the loss-averse newsvendor model. International Journal of Production Economics, 2018, 195, 296-310.	8.9	46
7	Single-vendor multi-buyer supply chain coordination with stochastic demand. International Journal of Production Economics, 2018, 206, 110-133.	8.9	17
8	A multi-period supply chain network equilibrium model considering retailers' uncertain demands and dynamic loss-averse behaviors. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 51-76.	7.4	29
9	A dynamic equilibrium model of the oligopolistic closed-loop supply chain network under uncertain and time-dependent demands. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 325-354.	7.4	39
10	Optimal production schedule in a single-supplier multi-manufacturer supply chain involving time delays in both levels. Journal of Industrial and Management Optimization, 2018, 14, 877-894.	1.3	1
11	An integrated production-inventory model for deteriorating items with consideration of optimal production rate and deterioration during delivery. International Journal of Production Economics, 2017, 189, 1-13.	8.9	48
12	Opportunity Loss Minimization and Newsvendor Behavior. Discrete Dynamics in Nature and Society, 2017, 2017, 1-11.	0.9	2
13	Auction and contracting mechanisms for channel coordination with consideration of participants' risk attitudes. Journal of Industrial and Management Optimization, 2017, 13, 775-801.	1.3	4
14	Synchronisation of order cycles of multiple buyers in a supply chain with trade credit policy. International Journal of Operational Research, 2016, 27, 562.	0.2	1
15	Integrated inventory-transportation model by synchronizing delivery and production cycles. Transportation Research, Part E: Logistics and Transportation Review, 2016, 91, 68-89.	7.4	27
16	Responsible production policies with substitution and carbon emissions trading. Journal of Cleaner Production, 2016, 134, 642-651.	9.3	46
17	Synchronisation of order cycles of multiple buyers in a supply chain with trade credit policy. International Journal of Operational Research, 2016, 27, 562.	0.2	0
18	Intelligent Optimization Algorithms: A Stochastic Closed-Loop Supply Chain Network Problem Involving Oligopolistic Competition for Multiproducts and Their Product Flow Routings. Mathematical Problems in Engineering, 2015, 2015, 1-22.	1.1	2

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19	Closed-Loop Supply Chain Network under Oligopolistic Competition with Multiproducts, Uncertain Demands, and Returns. Mathematical Problems in Engineering, 2014, 2014, 1-15.	1.1	3
20	Control Parametrization and Finite Element Method for Controlling Multi-species Reactive Transport in an Underground Channel. Journal of Optimization Theory and Applications, 2013, 157, 168-187.	1.5	2
21	Strong convergence theorems of total quasi-ï•-asymptotically nonexpansive semi-groups in Banach spaces. Applied Mathematics and Computation, 2013, 224, 398-404.	2.2	1
22	Environmental performanceâ€"Impacts of vendorâ€"buyer coordination. International Journal of Production Economics, 2013, 145, 683-695.	8.9	23
23	Split feasibility problem for quasi-nonexpansive multi-valued mappings and total asymptotically strict pseudo-contractive mapping. Applied Mathematics and Computation, 2013, 219, 10416-10424.	2.2	20
24	A block hybrid method for solving generalized equilibrium problems and convex feasibility problem. Advances in Computational Mathematics, 2013, 38, 563-580.	1.6	6
25	Control parametrization and finite element method for controlling multi-species reactive transport in a circular pool. Journal of Industrial and Management Optimization, 2013, 9, 505-524.	1.3	2
26	Demiclosed principle and -convergence theorems for total asymptotically nonexpansive mappings in CAT(0) spaces. Applied Mathematics and Computation, 2012, 219, 2611-2617.	2.2	50
27	A modified halpern-type iteration algorithm for totally quasi-ï•-asymptotically nonexpansive mappings with applications. Applied Mathematics and Computation, 2012, 218, 6489-6497.	2.2	31
28	A co-ordination model combining incentive scheme and co-ordination policy for a single-vendorâ€"multi-buyer supply chain. International Journal of Production Economics, 2012, 135, 136-143.	8.9	23
29	A generalization and improvement of Chidume theorems for total asymptotically nonexpansive mappings in Banach spaces. Journal of Inequalities and Applications, 2012, 2012, 37.	1.1	0
30	Modified block iterative method for solving convex feasibility problem, equilibrium problems and variational inequality problems. Acta Mathematica Sinica, English Series, 2012, 28, 741-758.	0.6	3
31	Approximation theorems for total quasi-ï•-asymptotically nonexpansive mappings with applications. Applied Mathematics and Computation, 2011, 218, 2921-2931.	2.2	26
32	Strong convergence theorems for countable families of asymptotically relatively nonexpansive mappings with applications. Applied Mathematics and Computation, 2011, 218, 3187-3198.	2.2	11
33	Control Parametrization and Finite Element Method for Controlling Multi-species Reactive Transport in a Rectangular Diffuser Unit. Journal of Optimization Theory and Applications, 2011, 150, 118-141.	1.5	3
34	Viscosity method for hierarchical fixed point and variational inequalities with applications. Applied Mathematics and Mechanics (English Edition), 2011, 32, 241-250.	3.6	5
35	A new method for solving a system of generalized nonlinear variational inequalities in Banach spaces. Applied Mathematics and Computation, 2011, 217, 6830-6837.	2.2	7
36	Modified block iterative algorithm for Quasi-ï•-asymptotically nonexpansive mappings and equilibrium problem in banach spaces. Applied Mathematics and Computation, 2011, 217, 7520-7530.	2.2	44

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37	Strong Convergence Theorems for Lipschitzian Demicontraction Semigroups in Banach Spaces. Fixed Point Theory and Applications, 2011, 2011, 1-10.	1.1	4
38	Strong and Weak Convergence Theorems for an Infinite Family of Lipschitzian Pseudocontraction Mappings in Banach Spaces. International Journal of Mathematics and Mathematical Sciences, 2011, 2011, 1-10.	0.7	0
39	Quadratic minimization for equilibrium problem variational inclusion and fixed point problem. Applied Mathematics and Mechanics (English Edition), 2010, 31, 917-928.	3.6	4
40	Viscosity approximation with weak contractions for fixed point problem, equilibrium problem, and variational inequality problem. Applied Mathematics and Mechanics (English Edition), 2010, 31, 1273-1282.	3.6	1
41	A delayed payment method in co-ordinating a single-vendor multi-buyer supply chain. International Journal of Production Economics, 2010, 127, 95-102.	8.9	44
42	A new hybrid method for solving a generalized equilibrium problem, solving a variational inequality problem and obtaining common fixed points in Banach spaces, with applications. Nonlinear Analysis: Theory, Methods & Applications, 2010, 73, 2260-2270.	1.1	45
43	Tourism forecast combination using the CUSUM technique. Tourism Management, 2010, 31, 891-897.	9.8	33
44	A system of mixed equilibrium problems, fixed point problems of strictly pseudo-contractive mappings and nonexpansive semi-groups. Applied Mathematics and Computation, 2010, 216, 51-60.	2.2	13
45	An analysis of three-level orthogonal saturated designs. Computational Statistics and Data Analysis, 2010, 54, 1952-1961.	1.2	8
46	A new method for solving equilibrium problem fixed point problem and variational inequality problem with application to optimization. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 3307-3319.	1.1	187
47	Approximating solutions of variational inequalities for asymptotically nonexpansive mappings. Applied Mathematics and Computation, 2009, 212, 51-59.	2.2	12
48	Convergence theorem of common fixed points for Lipschitzian pseudocontraction semigroups in Banach spaces. Applied Mathematics and Computation, 2009, 212, 60-65.	2.2	9
49	The existence results for obstacle optimal control problems. Applied Mathematics and Computation, 2009, 214, 451-456.	2.2	3
50	A fractional programming model for international facility location. Journal of Industrial and Management Optimization, 2009, 5, 629-649.	1.3	8
51	Combination of Forecasts in Data Mining. , 2009, , 589-593.		0
52	Algorithms of common solutions to quasi variational inclusion and fixed point problems. Applied Mathematics and Mechanics (English Edition), 2008, 29, 571-581.	3.6	109
53	Optimal feedback production for a two-level supply chain. International Journal of Production Economics, 2008, 113, 619-625.	8.9	4
54	Coordination in a single-vendor multi-buyer supply chain by synchronizing delivery and production cycles. Transportation Research, Part E: Logistics and Transportation Review, 2007, 43, 90-111.	7.4	83

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55	Some optimality conditions of quasilinear elliptic obstacle optimal control problems. Applied Mathematics and Computation, 2007, 188, 1757-1771.	2.2	3
56	Bilateral obstacle optimal control for a quasilinear elliptic variational inequality with a source term. Nonlinear Analysis: Theory, Methods & Applications, 2007, 66, 1170-1184.	1.1	2
57	On Reich's strong convergence theorem for asymptotically nonexpansive mappings in Banach spaces. Nonlinear Analysis: Theory, Methods & Applications, 2007, 66, 2364-2374.	1.1	14
58	Evaluation of the Morse Fall Scale: Applicability in Chinese hospital populations. International Journal of Nursing Studies, 2007, 44, 556-565.	5.6	62
59	Approximation of Nearest Common Fixed Point of Nonexpansive Mappings in Hilbert Spaces. Acta Mathematica Sinica, English Series, 2007, 23, 1889-1896.	0.6	1
60	Generalized system for relaxed cocoercive variational inequalities in Hilbert spaces. Applied Mathematics Letters, 2007, 20, 329-334.	2.7	72
61	Optimal feedback production for a single-echelon supply chain. Discrete and Continuous Dynamical Systems - Series B, 2006, 6, 1431-1444.	0.9	3
62	Scheduling of multi-buyer joint replenishments. International Journal of Production Economics, 2006, 102, 132-142.	8.9	23
63	On the convergence of implicit iteration process with error for a finite family of asymptotically nonexpansive mappings. Journal of Mathematical Analysis and Applications, 2006, 313, 273-283.	1.0	55
64	Determining when to update the weights in combined forecasts for product demand––an application of the CUSUM technique. European Journal of Operational Research, 2004, 153, 757-768.	5.7	22
65	"Martingale Valuation of Cash Flows for Insurance and Interest Models", J. F. Carrière, July 2004. North American Actuarial Journal, 2004, 8, 150-152.	1.4	0
66	Application of a mixed simulated annealing-genetic algorithm heuristic for the two-dimensional orthogonal packing problem. European Journal of Operational Research, 2003, 145, 530-542.	5.7	81
67	Solving the multi-buyer joint replenishment problem with a modified genetic algorithm. Transportation Research Part B: Methodological, 2003, 37, 291-299.	5.9	37
68	The value of combining forecasts in inventory management – a case study in banking. European Journal of Operational Research, 1999, 117, 199-210.	5.7	19