

# Chi Kin Chan

## List of Publications by Year in descending order

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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	A new method for solving equilibrium problem fixed point problem and variational inequality problem with application to optimization. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2009, 70, 3307-3319.	1.1	187
2	Algorithms of common solutions to quasi variational inclusion and fixed point problems. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2008, 29, 571-581.	3.6	109
3	Coordination in a single-vendor multi-buyer supply chain by synchronizing delivery and production cycles. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2007, 43, 90-111.	7.4	83
4	Application of a mixed simulated annealing-genetic algorithm heuristic for the two-dimensional orthogonal packing problem. <i>European Journal of Operational Research</i> , 2003, 145, 530-542.	5.7	81
5	Generalized system for relaxed cocoercive variational inequalities in Hilbert spaces. <i>Applied Mathematics Letters</i> , 2007, 20, 329-334.	2.7	72
6	Evaluation of the Morse Fall Scale: Applicability in Chinese hospital populations. <i>International Journal of Nursing Studies</i> , 2007, 44, 556-565.	5.6	62
7	On the convergence of implicit iteration process with error for a finite family of asymptotically nonexpansive mappings. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 313, 273-283.	1.0	55
8	Demiclosed principle and $\phi$ -convergence theorems for total asymptotically nonexpansive mappings in CAT(0) spaces. <i>Applied Mathematics and Computation</i> , 2012, 219, 2611-2617.	2.2	50
9	An integrated production-inventory model for deteriorating items with consideration of optimal production rate and deterioration during delivery. <i>International Journal of Production Economics</i> , 2017, 189, 1-13.	8.9	48
10	Responsible production policies with substitution and carbon emissions trading. <i>Journal of Cleaner Production</i> , 2016, 134, 642-651.	9.3	46
11	Coping with risk management and fill rate in the loss-averse newsvendor model. <i>International Journal of Production Economics</i> , 2018, 195, 296-310.	8.9	46
12	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. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2010, 73, 2260-2270.	1.1	45
13	A delayed payment method in co-ordinating a single-vendor multi-buyer supply chain. <i>International Journal of Production Economics</i> , 2010, 127, 95-102.	8.9	44
14	Modified block iterative algorithm for Quasi- $\tilde{\phi}$ -asymptotically nonexpansive mappings and equilibrium problem in banach spaces. <i>Applied Mathematics and Computation</i> , 2011, 217, 7520-7530.	2.2	44
15	A dynamic equilibrium model of the oligopolistic closed-loop supply chain network under uncertain and time-dependent demands. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 118, 325-354.	7.4	39
16	Supply chain coordination with reverse logistics: A vendor/recycler-buyer synchronized cycles model. <i>Omega</i> , 2020, 95, 102090.	5.9	39
17	Solving the multi-buyer joint replenishment problem with a modified genetic algorithm. <i>Transportation Research Part B: Methodological</i> , 2003, 37, 291-299.	5.9	37
18	Tourism forecast combination using the CUSUM technique. <i>Tourism Management</i> , 2010, 31, 891-897.	9.8	33

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19	Optimal option purchase decision of a loss-averse retailer under emergent replenishment. <i>International Journal of Production Research</i> , 2019, 57, 4594-4620.	7.5	32
20	A modified halpern-type iteration algorithm for totally quasi- $\tilde{I}$ -asymptotically nonexpansive mappings with applications. <i>Applied Mathematics and Computation</i> , 2012, 218, 6489-6497.	2.2	31
21	A multi-period supply chain network equilibrium model considering retailers's uncertain demands and dynamic loss-averse behaviors. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 118, 51-76.	7.4	29
22	Integrated inventory-transportation model by synchronizing delivery and production cycles. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 91, 68-89.	7.4	27
23	Approximation theorems for total quasi- $\tilde{I}$ -asymptotically nonexpansive mappings with applications. <i>Applied Mathematics and Computation</i> , 2011, 218, 2921-2931.	2.2	26
24	Scheduling of multi-buyer joint replenishments. <i>International Journal of Production Economics</i> , 2006, 102, 132-142.	8.9	23
25	A co-ordination model combining incentive scheme and co-ordination policy for a single-vendor's multi-buyer supply chain. <i>International Journal of Production Economics</i> , 2012, 135, 136-143.	8.9	23
26	Environmental performance's impacts of vendor's buyer coordination. <i>International Journal of Production Economics</i> , 2013, 145, 683-695.	8.9	23
27	Determining when to update the weights in combined forecasts for product demand's an application of the CUSUM technique. <i>European Journal of Operational Research</i> , 2004, 153, 757-768.	5.7	22
28	An equilibrium model of the supply chain network under multi-attribute behaviors analysis. <i>European Journal of Operational Research</i> , 2019, 275, 514-535.	5.7	22
29	Split feasibility problem for quasi-nonexpansive multi-valued mappings and total asymptotically strict pseudo-contractive mapping. <i>Applied Mathematics and Computation</i> , 2013, 219, 10416-10424.	2.2	20
30	The value of combining forecasts in inventory management's a case study in banking. <i>European Journal of Operational Research</i> , 1999, 117, 199-210.	5.7	19
31	Single-vendor multi-buyer supply chain coordination with stochastic demand. <i>International Journal of Production Economics</i> , 2018, 206, 110-133.	8.9	17
32	On Reich's strong convergence theorem for asymptotically nonexpansive mappings in Banach spaces. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2007, 66, 2364-2374.	1.1	14
33	A system of mixed equilibrium problems, fixed point problems of strictly pseudo-contractive mappings and nonexpansive semi-groups. <i>Applied Mathematics and Computation</i> , 2010, 216, 51-60.	2.2	13
34	Approximating solutions of variational inequalities for asymptotically nonexpansive mappings. <i>Applied Mathematics and Computation</i> , 2009, 212, 51-59.	2.2	12
35	Strong convergence theorems for countable families of asymptotically relatively nonexpansive mappings with applications. <i>Applied Mathematics and Computation</i> , 2011, 218, 3187-3198.	2.2	11
36	Convergence theorem of common fixed points for Lipschitzian pseudocontraction semigroups in Banach spaces. <i>Applied Mathematics and Computation</i> , 2009, 212, 60-65.	2.2	9

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37	An analysis of three-level orthogonal saturated designs. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 1952-1961.	1.2	8
38	A fractional programming model for international facility location. <i>Journal of Industrial and Management Optimization</i> , 2009, 5, 629-649.	1.3	8
39	A new method for solving a system of generalized nonlinear variational inequalities in Banach spaces. <i>Applied Mathematics and Computation</i> , 2011, 217, 6830-6837.	2.2	7
40	A block hybrid method for solving generalized equilibrium problems and convex feasibility problem. <i>Advances in Computational Mathematics</i> , 2013, 38, 563-580.	1.6	6
41	Viscosity method for hierarchical fixed point and variational inequalities with applications. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 241-250.	3.6	5
42	Optimal feedback production for a two-level supply chain. <i>International Journal of Production Economics</i> , 2008, 113, 619-625.	8.9	4
43	Quadratic minimization for equilibrium problem variational inclusion and fixed point problem. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2010, 31, 917-928.	3.6	4
44	Strong Convergence Theorems for Lipschitzian Demicontraction Semigroups in Banach Spaces. <i>Fixed Point Theory and Applications</i> , 2011, 2011, 1-10.	1.1	4
45	Auction and contracting mechanisms for channel coordination with consideration of participants' risk attitudes. <i>Journal of Industrial and Management Optimization</i> , 2017, 13, 775-801.	1.3	4
46	Optimal feedback production for a single-echelon supply chain. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2006, 6, 1431-1444.	0.9	3
47	Some optimality conditions of quasilinear elliptic obstacle optimal control problems. <i>Applied Mathematics and Computation</i> , 2007, 188, 1757-1771.	2.2	3
48	The existence results for obstacle optimal control problems. <i>Applied Mathematics and Computation</i> , 2009, 214, 451-456.	2.2	3
49	Control Parametrization and Finite Element Method for Controlling Multi-species Reactive Transport in a Rectangular Diffuser Unit. <i>Journal of Optimization Theory and Applications</i> , 2011, 150, 118-141.	1.5	3
50	Modified block iterative method for solving convex feasibility problem, equilibrium problems and variational inequality problems. <i>Acta Mathematica Sinica, English Series</i> , 2012, 28, 741-758.	0.6	3
51	Closed-Loop Supply Chain Network under Oligopolistic Competition with Multiproducts, Uncertain Demands, and Returns. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-15.	1.1	3
52	Bilateral obstacle optimal control for a quasilinear elliptic variational inequality with a source term. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2007, 66, 1170-1184.	1.1	2
53	Control Parametrization and Finite Element Method for Controlling Multi-species Reactive Transport in an Underground Channel. <i>Journal of Optimization Theory and Applications</i> , 2013, 157, 168-187.	1.5	2
54	Intelligent Optimization Algorithms: A Stochastic Closed-Loop Supply Chain Network Problem Involving Oligopolistic Competition for Multiproducts and Their Product Flow Routings. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-22.	1.1	2

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55	Opportunity Loss Minimization and Newsvendor Behavior. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-11.	0.9	2
56	Optimal parameter selection problem with application to the synchronization of delivery cycles in a supply chain with Wiener process. <i>Optimal Control Applications and Methods</i> , 2019, 40, 914-937.	2.1	2
57	Control parametrization and finite element method for controlling multi-species reactive transport in a circular pool. <i>Journal of Industrial and Management Optimization</i> , 2013, 9, 505-524.	1.3	2
58	Approximation of Nearest Common Fixed Point of Nonexpansive Mappings in Hilbert Spaces. <i>Acta Mathematica Sinica, English Series</i> , 2007, 23, 1889-1896.	0.6	1
59	Viscosity approximation with weak contractions for fixed point problem, equilibrium problem, and variational inequality problem. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2010, 31, 1273-1282.	3.6	1
60	Strong convergence theorems of total quasi- $\phi$ -asymptotically nonexpansive semi-groups in Banach spaces. <i>Applied Mathematics and Computation</i> , 2013, 224, 398-404.	2.2	1
61	Synchronisation of order cycles of multiple buyers in a supply chain with trade credit policy. <i>International Journal of Operational Research</i> , 2016, 27, 562.	0.2	1
62	Optimal production schedule in a single-supplier multi-manufacturer supply chain involving time delays in both levels. <i>Journal of Industrial and Management Optimization</i> , 2018, 14, 877-894.	1.3	1
63	“Martingale Valuation of Cash Flows for Insurance and Interest Models”, J. F. Carr, July 2004. <i>North American Actuarial Journal</i> , 2004, 8, 150-152.	1.4	0
64	Strong and Weak Convergence Theorems for an Infinite Family of Lipschitzian Pseudocontraction Mappings in Banach Spaces. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2011, 2011, 1-10.	0.7	0
65	A generalization and improvement of Chidume theorems for total asymptotically nonexpansive mappings in Banach spaces. <i>Journal of Inequalities and Applications</i> , 2012, 2012, 37.	1.1	0
66	The impacts of retailers' regret aversion on a random multi-period supply chain network. <i>Journal of Industrial and Management Optimization</i> , 2021, .	1.3	0
67	Combination of Forecasts in Data Mining. , 2009, , 589-593.		0
68	Synchronisation of order cycles of multiple buyers in a supply chain with trade credit policy. <i>International Journal of Operational Research</i> , 2016, 27, 562.	0.2	0