David Wing Kay Yeung

List of Publications by Year
in descending order

108 papers	953 citations	623734 14 h-index	526287 27 g-index
122 all docs	122 docs citations	122 times ranked	223 citing authors

#	Article	IF	Citations
1	Eco-Degradation Management Under Durable Strategies: Efficiency Maximization and Sustainable Imputation. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 133-168.	0.2	0
2	Stochastic Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 259-300.	0.2	0
3	Random Horizon Dynamic Games with Durable Strategies. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 169-214.	0.2	0
4	Durable-Strategies Dynamic Games: Theory and Solution Techniques. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 7-31.	0.2	0
5	Durable-Strategies Dynamic Games of Investments. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 33-69.	0.2	0
6	Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , .	0.2	1
7	Asynchronous Horizons Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 215-258.	0.2	0
8	Collaborative environmental management for transboundary air pollution problems: A differential levies game. Journal of Industrial and Management Optimization, 2021, 17, 517-531.	1.3	4
9	Dynamic Cooperative Games onÂNetworks. Communications in Computer and Information Science, 2021, , 403-416.	0.5	3
10	Shapley value for differential network games: Theory and application. Journal of Dynamics and Games, 2021, 8, 151.	1.0	15
11	Generalized dynamic games with durable strategies under uncertain planning horizon. Journal of Computational and Applied Mathematics, 2021, 395, 113595.	2.0	4
12	Trade with Technology Spillover: A Dynamic Network Game Analysis. International Game Theory Review, 2021, 23, 2050011.	0.5	2
13	Cooperative Dynamic Games with Durable Controls: Theory and Application. Dynamic Games and Applications, 2020, 10, 872-896.	1.9	10
14	Construction of Dynamically Stable Solutions in Differential Network Games. Lecture Notes in Control and Information Sciences - Proceedings, 2020, , 51-61.	0.1	7
15	Dynamically Stable Cooperative Provision of Public Goods Under Non-transferable Utility. Annals of the International Society of Dynamic Games, 2020, , 3-21.	0.3	1
16	Cooperative Dynamic Games with Control Lags. Dynamic Games and Applications, 2019, 9, 550-567.	1.9	10
17	Chinaâ€™s Belt-Road Initiative: The Political Economy of Coordinated Coalitional Cooperation. , 2019, , 197-226.		0
18	The Two Level Cooperation in a Class of n-Person Differential Games. IFAC-PapersOnLine, 2018, 51, 585-587.	0.9	2

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19	Nontransferable Utility Cooperative Dynamic Games. , 2018, , 633-670.		11
20	Infinite Horizon Dynamic Games: A New Approach via Information Updating. International Game Theory Review, 2017, 19, 1750026.	0.5	12
21	Nontransferable Utility Cooperative Dynamic Games. , 2017, , 1-38.		0
22	A Cooperative Dynamic Environmental Game of Subgame Consistent Clean Technology Development. International Game Theory Review, 2016, 18, 1640008.	0.5	8
23	Subgame Consistent Cooperation. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , .	0.2	29
24	Collaborative Environmental Management. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 371-404.	0.2	0
25	Subgame Consistent Cooperative Solution in Differential Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 15-51.	0.2	0
26	Subgame Consistency in NTU Cooperative Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 285-317.	0.2	0
27	Subgame Consistent Cooperative Solution in Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 165-199.	0.2	0
28	Cooperation with Technology Switching. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 405-437.	0.2	0
29	Subgame Consistent Cooperation in Stochastic Differential Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 53-84.	0.2	0
30	Subgame Consistency in Randomly-Furcating Cooperative Stochastic Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 223-250.	0.2	0
31	Subgame consistent cooperative solution for NTU dynamic games via variable weights. Automatica, 2015, 59, 84-89.	5.0	13
32	A TIME-CONSISTENT SOLUTION FORMULA FOR BARGAINING PROBLEM IN DIFFERENTIAL GAMES. International Game Theory Review, 2014, 16, 1450016.	0.5	7
33	SUBGAME CONSISTENT COOPERATIVE SOLUTIONS FOR RANDOMLY FURCATING STOCHASTIC DYNAMIC GAMES WITH UNCERTAIN HORIZON. International Game Theory Review, 2014, 16, 1440012.	0.5	6
34	Dynamically consistent collaborative environmental management with production technique choices. Annals of Operations Research, 2014, 220, 181-204.	4.1	14
35	Editorial: collaborative environmental management and modelling. Annals of Operations Research, 2014, 220, 1-3.	4.1	4
36	Subgame Consistent Cooperative Provision of Public Goods Under Accumulation and Payoff Uncertainties. Dynamic Modeling and Econometrics in Economics and Finance, 2014, , 289-315.	0.5	5

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37	Subgame Consistent Cooperative Provision of Public Goods. Dynamic Games and Applications, 2013, 3, 419-442.	1.9	9
38	Subgame-consistent cooperative solutions in randomly furcating stochastic dynamic games. Mathematical and Computer Modelling, 2013, 57, 976-991.	2.0	14
39	SUBGAME CONSISTENT SOLUTION FOR COOPERATIVE STOCHASTIC DYNAMIC GAMES WITH RANDOM HORIZON. International Game Theory Review, 2012, 14, 1250012.	0.5	3
40	Subgame Consistent Economic Optimization. Static and Dynamic Game Theory: Foundations and Applications, 2012, , .	0.6	39
41	Dynamic Strategic Interactions in Economic Systems. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 7-45.	0.6	0
42	Subgame Consistent Dormant Firm Cartel. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 295-321.	0.6	1
43	Dynamic Consistency in Discrete-Time Cooperative Games. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 323-342.	0.6	0
44	Collaborative Environmental Management. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 147-175.	0.6	0
45	Subgame Consistent Economic Optimization Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 203-237.	0.6	1
46	Dynamically Stable Dormant Firm Cartel. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 177-202.	0.6	0
47	Collaborative Environmental Management Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 271-293.	0.6	0
48	Time Consistency and Optimal-Trajectory-Subgame Consistent Economic Optimization. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 77-110.	0.6	0
49	Subgame Consistent Cooperative Solution of Dynamic Games with Random Horizon. Journal of Optimization Theory and Applications, 2011, 150, 78-97.	1.5	25
50	Dynamically Consistent Cooperative Solutions in Differential Games with Asynchronous Players' Horizons. Annals of the International Society of Dynamic Games, 2011, , 375-395.	0.3	6
51	Subgame Consistent Solutions for Cooperative Stochastic Dynamic Games. Journal of Optimization Theory and Applications, 2010, 145, 579-596.	1.5	35
52	DYNAMIC GAME OF OFFENDING AND LAW ENFORCEMENT: A STOCHASTIC EXTENSION. International Game Theory Review, 2010, 12, 471-481.	0.5	2
53	An Explicit Density Function for a Generalized Stochastic Food Chain of the Lotka–Volterra–Yeung Type. Stochastic Analysis and Applications, 2009, 27, 16-23.	1.5	1
54	A cooperative stochastic differential game of transboundary industrial pollution. Automatica, 2008, 44, 1532-1544.	5.0	74

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55	RECURSIVE SEQUENCES IDENTIFYING THE NUMBER OF EMBEDDED COALITIONS. International Game Theory Review, 2008, 10, 129-136.	0.5	1
56	DYNAMICALLY CONSISTENT SOLUTION FOR A POLLUTION MANAGEMENT GAME IN COLLABORATIVE ABATEMENT WITH UNCERTAIN FUTURE PAYOFFS. International Game Theory Review, 2008, 10, 517-538.	0.5	10
57	Subgame-consistent cooperative solutions in randomly furcating stochastic differential games. Mathematical and Computer Modelling, 2007, 45, 1294-1307.	2.0	13
58	Dynamically Consistent Cooperative Solution inÂaÂDifferential Game of Transboundary Industrial Pollution. Journal of Optimization Theory and Applications, 2007, 134, 143-160.	1.5	89
59	Dynamic games in management science with interest rate uncertainty. Computational Management Science, 2007, 4, 205-225.	1.3	0
60	TECHNICAL NOTE: "AN IRRATIONAL-BEHAVIOR-PROOF CONDITION IN COOPERATIVE DIFFERENTIAL GAMES". International Game Theory Review, 2006, 08, 739-744.	0.5	24
61	Dynamically stable corporate joint ventures. Automatica, 2006, 42, 365-370.	5.0	26
62	Dynamically stable cooperative solutions in randomly furcating differential games. Proceedings of the Steklov Institute of Mathematics, 2006, 253, S208-S220.	0.3	8
63	SOLUTION MECHANISMS FOR COOPERATIVE STOCHASTIC DIFFERENTIAL GAMES. International Game Theory Review, 2006, 08, 309-326.	0.5	11
64	An overlapping generations stochastic differential game. Automatica, 2005, 41, 69-74.	5.0	8
65	Subgame Consistent Solutions of a Cooperative Stochastic Differential Game with Nontransferable Payoffs. Journal of Optimization Theory and Applications, 2005, 124, 701-724.	1.5	47
66	Subgame Consistent Dormant-Firm Cartels. , 2005, , 255-271.		10
67	Rank Size Distribution of International Financial Centers. International Regional Science Review, 2004, 27, 411-430.	2.1	28
68	TECHNICAL NOTE: NONTRANSFERABLE INDIVIDUAL PAYOFFS IN COOPERATIVE STOCHASTIC DIFFERENTIAL GAMES. International Game Theory Review, 2004, 06, 281-289.	0.5	11
69	Subgame Consistent Cooperative Solutions in Stochastic Differential Games. Journal of Optimization Theory and Applications, 2004, 120, 651-666.	1.5	78
70	Randomly-Furcating Stochastic Differential Games. , 2003, , 107-126.		9
71	Equilibrium Asset Price Dynamics with Holding-Term Switching. Advances in Computational Management Science, 2002, , 221-238.	1.0	0
72	A class of differential games which admits a feedback solution with linear value functions. European Journal of Operational Research, 1998, 107, 737-754.	5.7	11

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73	An investigation of stock price dynamics in emerging markets. Applied Stochastic Models and Data Analysis, 1998, 14, 137-151.	0.4	2
74	The Tragedy of the Commons Revisited. Pacific Economic Review, 1997, 2, 45-62.	1.4	6
75	A differential game model of a market of substitutable products. European Journal of Operational Research, 1996, 90, 599-608.	5.7	7
76	An observable measure of Tobin's marginal q. Atlantic Economic Journal, 1995, 23, 233-233.	0.5	0
77	Employment adjustments noise and the expecfed rate of inflation in a simple inflation-unemployment model. Stochastic Analysis and Applications, 1995, 13, 125-135.	1.5	0
78	Pollution-Induced Business Cycles: A Game Theoretical Analysis. , 1995, , 319-336.		2
79	Stationary probability distributions of some lotka-volterra types of stochastic predation systems. Stochastic Analysis and Applications, 1995, 13, 503-516.	1.5	4
80	A non random walk theory of exchange rate dynamics with applications to option pricing. Stochastic Analysis and Applications, 1994, 12, 141-157.	1.5	0
81	Divergence between sample path and moments behavior: an issue in the application of geometric brownian motion to finance. Stochastic Analysis and Applications, 1994, 12, 277-290.	1.5	1
82	On differential games with a feedback nash equilibrium. Journal of Optimization Theory and Applications, 1994, 82, 181-188.	1.5	7
83	A simple model of interactive pollutants. Ecological Research, 1994, 9, 93-98.	1.5	0
84	Completing the "One line proof" of the dynamic envelope theorem. Atlantic Economic Journal, 1993, 21, 82-83.	0.5	0
85	Resource price dynamics with non-malleable extraction capital. Economics Letters, 1993, 42, 425-431.	1.9	0
86	Second order condition for the firm's long period equilibrium. Atlantic Economic Journal, 1992, 20, 84-84.	0.5	0
87	A differential game of industrial pollution management. Annals of Operations Research, 1992, 37, 297-311.	4.1	26
88	A generalization of the model structure of the Gordon Barro analysis. Atlantic Economic Journal, 1991, 19, 70-70.	0.5	0
89	Output price fluctuations, short-run profits and long-run industry size with input market equilibrium effects. Atlantic Economic Journal, 1991, 19, 41-43.	0.5	1
90	A feedback nash equilibrium solution for non‒cooperative innovations in a stochastic differential game framework. Stochastic Analysis and Applications, 1991, 9, 195-213.	1.5	1

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91	NONMALLEABLE CAPITAL AND EFFICIENT ALLOCATION OF A NONRENEWABLE RESOURCE. Natural Resource Modelling, 1990, 4, 175-196.	2.0	1
92	Harvesting of a Transboundary Replenishable Fish Stock: A Noncooperative Game Solution. Marine Resource Economics, 1989, 6, 57-70.	2.0	27
93	The choice of numeraire in price uncertainty models. Atlantic Economic Journal, 1989, 17, 77-77.	0.5	0
94	A class of differential games with state-dependent closed-loop feedback solutions. Journal of Optimization Theory and Applications, 1989, 62, 165-174.	1.5	9
95	A model of industrial pollution in a stochastic environment. Journal of Environmental Economics and Management, 1989, 16, 97-105.	4.7	46
96	Chapter 11 Preferences over Cyclical Paths Generated by Predator-Prey Interactions: An Application in Coastal Ecosystem Management. Elsevier Oceanography Series, 1989, 49, 341-353.	0.1	0
97	PRODUCTION COST UNCERTAINTY AND INDUSTRY EQUILIBRIUM FOR NONâ€RENEWABLE RESOURCE EXTRACTION. Natural Resource Modelling, 1989, 3, 577-588.	2.0	0
98	A note on Hayashi's neoclassical interpretation of Tobin'sq. Atlantic Economic Journal, 1988, 16, 80-81.	0.5	1
99	Interest rate and output price uncertainty and industry equilibrium for non-renewable resource extracting firms. Resources and Energy, 1988, 10, 1-14.	0.4	10
100	Exact solution for steadyâ€"state probability distribution of a simple stochastic lotkaâ€"volterra food chain. Stochastic Analysis and Applications, 1988, 6, 103-116.	1.5	5
101	A note on clemhout and Wan's dynamic games of common property resources. Journal of Optimization Theory and Applications, 1987, 55, 327-331.	1.5	5
102	An extension of Jï¿½rgensen's differential game. Journal of Optimization Theory and Applications, 1987, 54, 423-426.	1.5	5
103	Optimal management of replenishable resources in a predator-prey system with randomly fluctuating population. Mathematical Biosciences, 1986, 78, 91-105.	1.9	7
104	Preference for output price uncertainty by the non-renewable resource extracting firm. Economics Letters, 1985, 19, 85-89.	1.9	6
105	Infinite horizon stochastic differential games with uncertain future payoff structures. , 0, , .		0
106	Asynchronous Horizons Durable-Strategies Dynamic Games and Tragedy of Cross-Generational Environmental Commons. International Game Theory Review, 0, , 2150020.	0.5	2
107	Nontransferable individual payoffs in cooperative stochastic dynamic games. International Journal of Algebra, 0, 7, 597-606.	0.1	6
108	A recursive sequence of sums of consecutive embedded coalitions. International Journal of Mathematical Analysis, 0, 10, 9-14.	0.3	0