

# David Wing Kay Yeung

## List of Publications by Year in descending order

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108  
papers

953  
citations

623734

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122  
all docs

122  
docs citations

122  
times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically Consistent Cooperative Solution in a Differential Game of Transboundary Industrial Pollution. Journal of Optimization Theory and Applications, 2007, 134, 143-160.	1.5	89
2	Subgame Consistent Cooperative Solutions in Stochastic Differential Games. Journal of Optimization Theory and Applications, 2004, 120, 651-666.	1.5	78
3	A cooperative stochastic differential game of transboundary industrial pollution. Automatica, 2008, 44, 1532-1544.	5.0	74
4	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
5	A model of industrial pollution in a stochastic environment. Journal of Environmental Economics and Management, 1989, 16, 97-105.	4.7	46
6	Subgame Consistent Economic Optimization. Static and Dynamic Game Theory: Foundations and Applications, 2012, , .	0.6	39
7	Subgame Consistent Solutions for Cooperative Stochastic Dynamic Games. Journal of Optimization Theory and Applications, 2010, 145, 579-596.	1.5	35
8	Subgame Consistent Cooperation. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , .	0.2	29
9	Rank Size Distribution of International Financial Centers. International Regional Science Review, 2004, 27, 411-430.	2.1	28
10	Harvesting of a Transboundary Replenishable Fish Stock: A Noncooperative Game Solution. Marine Resource Economics, 1989, 6, 57-70.	2.0	27
11	A differential game of industrial pollution management. Annals of Operations Research, 1992, 37, 297-311.	4.1	26
12	Dynamically stable corporate joint ventures. Automatica, 2006, 42, 365-370.	5.0	26
13	Subgame Consistent Cooperative Solution of Dynamic Games with Random Horizon. Journal of Optimization Theory and Applications, 2011, 150, 78-97.	1.5	25
14	TECHNICAL NOTE: "AN IRRATIONAL-BEHAVIOR-PROOF CONDITION IN COOPERATIVE DIFFERENTIAL GAMES". International Game Theory Review, 2006, 08, 739-744.	0.5	24
15	Shapley value for differential network games: Theory and application. Journal of Dynamics and Games, 2021, 8, 151.	1.0	15
16	Subgame-consistent cooperative solutions in randomly furcating stochastic dynamic games. Mathematical and Computer Modelling, 2013, 57, 976-991.	2.0	14
17	Dynamically consistent collaborative environmental management with production technique choices. Annals of Operations Research, 2014, 220, 181-204.	4.1	14
18	Subgame-consistent cooperative solutions in randomly furcating stochastic differential games. Mathematical and Computer Modelling, 2007, 45, 1294-1307.	2.0	13

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19	Subgame consistent cooperative solution for NTU dynamic games via variable weights. <i>Automatica</i> , 2015, 59, 84-89.	5.0	13
20	Infinite Horizon Dynamic Games: A New Approach via Information Updating. <i>International Game Theory Review</i> , 2017, 19, 1750026.	0.5	12
21	A class of differential games which admits a feedback solution with linear value functions. <i>European Journal of Operational Research</i> , 1998, 107, 737-754.	5.7	11
22	TECHNICAL NOTE: NONTRANSFERABLE INDIVIDUAL PAYOFFS IN COOPERATIVE STOCHASTIC DIFFERENTIAL GAMES. <i>International Game Theory Review</i> , 2004, 06, 281-289.	0.5	11
23	SOLUTION MECHANISMS FOR COOPERATIVE STOCHASTIC DIFFERENTIAL GAMES. <i>International Game Theory Review</i> , 2006, 08, 309-326.	0.5	11
24	Nontransferable Utility Cooperative Dynamic Games. , 2018, , 633-670.		11
25	Interest rate and output price uncertainty and industry equilibrium for non-renewable resource extracting firms. <i>Resources and Energy</i> , 1988, 10, 1-14.	0.4	10
26	DYNAMICALLY CONSISTENT SOLUTION FOR A POLLUTION MANAGEMENT GAME IN COLLABORATIVE ABATEMENT WITH UNCERTAIN FUTURE PAYOFFS. <i>International Game Theory Review</i> , 2008, 10, 517-538.	0.5	10
27	Cooperative Dynamic Games with Control Lags. <i>Dynamic Games and Applications</i> , 2019, 9, 550-567.	1.9	10
28	Cooperative Dynamic Games with Durable Controls: Theory and Application. <i>Dynamic Games and Applications</i> , 2020, 10, 872-896.	1.9	10
29	Subgame Consistent Dormant-Firm Cartels. , 2005, , 255-271.		10
30	A class of differential games with state-dependent closed-loop feedback solutions. <i>Journal of Optimization Theory and Applications</i> , 1989, 62, 165-174.	1.5	9
31	Randomly-Furcating Stochastic Differential Games. , 2003, , 107-126.		9
32	Subgame Consistent Cooperative Provision of Public Goods. <i>Dynamic Games and Applications</i> , 2013, 3, 419-442.	1.9	9
33	An overlapping generations stochastic differential game. <i>Automatica</i> , 2005, 41, 69-74.	5.0	8
34	Dynamically stable cooperative solutions in randomly furcating differential games. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2006, 253, S208-S220.	0.3	8
35	A Cooperative Dynamic Environmental Game of Subgame Consistent Clean Technology Development. <i>International Game Theory Review</i> , 2016, 18, 1640008.	0.5	8
36	Optimal management of replenishable resources in a predator-prey system with randomly fluctuating population. <i>Mathematical Biosciences</i> , 1986, 78, 91-105.	1.9	7

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37	On differential games with a feedback nash equilibrium. Journal of Optimization Theory and Applications, 1994, 82, 181-188.	1.5	7
38	A differential game model of a market of substitutable products. European Journal of Operational Research, 1996, 90, 599-608.	5.7	7
39	A TIME-CONSISTENT SOLUTION FORMULA FOR BARGAINING PROBLEM IN DIFFERENTIAL GAMES. International Game Theory Review, 2014, 16, 1450016.	0.5	7
40	Construction of Dynamically Stable Solutions in Differential Network Games. Lecture Notes in Control and Information Sciences - Proceedings, 2020, , 51-61.	0.1	7
41	Preference for output price uncertainty by the non-renewable resource extracting firm. Economics Letters, 1985, 19, 85-89.	1.9	6
42	The Tragedy of the Commons Revisited. Pacific Economic Review, 1997, 2, 45-62.	1.4	6
43	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
44	SUBGAME CONSISTENT COOPERATIVE SOLUTIONS FOR RANDOMLY FURCATING STOCHASTIC DYNAMIC GAMES WITH UNCERTAIN HORIZON. International Game Theory Review, 2014, 16, 1440012.	0.5	6
45	Nontransferable individual payoffs in cooperative stochastic dynamic games. International Journal of Algebra, 0, 7, 597-606.	0.1	6
46	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
47	An extension of Jizjrgensen's differential game. Journal of Optimization Theory and Applications, 1987, 54, 423-426.	1.5	5
48	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
49	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
50	Stationary probability distributions of some lotka-volterra types of stochastic predation systems. Stochastic Analysis and Applications, 1995, 13, 503-516.	1.5	4
51	Editorial: collaborative environmental management and modelling. Annals of Operations Research, 2014, 220, 1-3.	4.1	4
52	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
53	Generalized dynamic games with durable strategies under uncertain planning horizon. Journal of Computational and Applied Mathematics, 2021, 395, 113595.	2.0	4
54	SUBGAME CONSISTENT SOLUTION FOR COOPERATIVE STOCHASTIC DYNAMIC GAMES WITH RANDOM HORIZON. International Game Theory Review, 2012, 14, 1250012.	0.5	3

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55	Dynamic Cooperative Games on Networks. Communications in Computer and Information Science, 2021, , 403-416.	0.5	3
56	Pollution-Induced Business Cycles: A Game Theoretical Analysis. , 1995, , 319-336.		2
57	An investigation of stock price dynamics in emerging markets. Applied Stochastic Models and Data Analysis, 1998, 14, 137-151.	0.4	2
58	DYNAMIC GAME OF OFFENDING AND LAW ENFORCEMENT: A STOCHASTIC EXTENSION. International Game Theory Review, 2010, 12, 471-481.	0.5	2
59	The Two Level Cooperation in a Class of n-Person Differential Games. IFAC-PapersOnLine, 2018, 51, 585-587.	0.9	2
60	Asynchronous Horizons Durable-Strategies Dynamic Games and Tragedy of Cross-Generational Environmental Commons. International Game Theory Review, 0, , 2150020.	0.5	2
61	Trade with Technology Spillover: A Dynamic Network Game Analysis. International Game Theory Review, 2021, 23, 2050011.	0.5	2
62	A note on Hayashi's neoclassical interpretation of Tobin'sq. Atlantic Economic Journal, 1988, 16, 80-81.	0.5	1
63	NONMALLEABLE CAPITAL AND EFFICIENT ALLOCATION OF A NONRENEWABLE RESOURCE. Natural Resource Modelling, 1990, 4, 175-196.	2.0	1
64	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
65	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
66	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
67	RECURSIVE SEQUENCES IDENTIFYING THE NUMBER OF EMBEDDED COALITIONS. International Game Theory Review, 2008, 10, 129-136.	0.5	1
68	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
69	Subgame Consistent Dormant Firm Cartel. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 295-321.	0.6	1
70	Subgame Consistent Economic Optimization Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 203-237.	0.6	1
71	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
72	Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , .	0.2	1

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73	The choice of numeraire in price uncertainty models. Atlantic Economic Journal, 1989, 17, 77-77.	0.5	0
74	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
75	PRODUCTION COST UNCERTAINTY AND INDUSTRY EQUILIBRIUM FOR NON-RENEWABLE RESOURCE EXTRACTION. Natural Resource Modelling, 1989, 3, 577-588.	2.0	0
76	A generalization of the model structure of the Gordon Barro analysis. Atlantic Economic Journal, 1991, 19, 70-70.	0.5	0
77	Second order condition for the firm's long period equilibrium. Atlantic Economic Journal, 1992, 20, 84-84.	0.5	0
78	Completing the "One line proof" of the dynamic envelope theorem. Atlantic Economic Journal, 1993, 21, 82-83.	0.5	0
79	Resource price dynamics with non-malleable extraction capital. Economics Letters, 1993, 42, 425-431.	1.9	0
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	A simple model of interactive pollutants. Ecological Research, 1994, 9, 93-98.	1.5	0
82	An observable measure of Tobin's marginalq. Atlantic Economic Journal, 1995, 23, 233-233.	0.5	0
83	Employment adjustments noise and the expected rate of inflation in a simple inflation-unemployment model. Stochastic Analysis and Applications, 1995, 13, 125-135.	1.5	0
84	Infinite horizon stochastic differential games with uncertain future payoff structures. , 0, , .		0
85	Dynamic games in management science with interest rate uncertainty. Computational Management Science, 2007, 4, 205-225.	1.3	0
86	China's Belt-Road Initiative: The Political Economy of Coordinated Coalitional Cooperation. , 2019, , 197-226.		0
87	Equilibrium Asset Price Dynamics with Holding-Term Switching. Advances in Computational Management Science, 2002, , 221-238.	1.0	0
88	Dynamic Strategic Interactions in Economic Systems. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 7-45.	0.6	0
89	Dynamic Consistency in Discrete-Time Cooperative Games. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 323-342.	0.6	0
90	Collaborative Environmental Management. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 147-175.	0.6	0

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91	Dynamically Stable Dormant Firm Cartel. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 177-202.	0.6	0
92	Collaborative Environmental Management Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 271-293.	0.6	0
93	Time Consistency and Optimal-Trajectory-Subgame Consistent Economic Optimization. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 77-110.	0.6	0
94	Collaborative Environmental Management. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 371-404.	0.2	0
95	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
96	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
97	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
98	Cooperation with Technology Switching. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 405-437.	0.2	0
99	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
100	A recursive sequence of sums of consecutive embedded coalitions. International Journal of Mathematical Analysis, 0, 10, 9-14.	0.3	0
101	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
102	Nontransferable Utility Cooperative Dynamic Games. , 2017, , 1-38.		0
103	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
104	Stochastic Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 259-300.	0.2	0
105	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
106	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
107	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
108	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