Tamer Basar

List of Publications by Year
in descending order

280 papers	9,510 citations

94269

37 h-index	

69108

77 g-index	

290 all docs	290 docs citations	290 times ranked	5187 citing authors

#	ARTICLE	IF	CITATIONS
1	Dependable Demand Response Management in the Smart Grid: A Stackelberg Game Approach. IEEE Transactions on Smart Grid, 2013, 4, 120-132.	6.2	687
2	Quantized consensus. Automatica, 2007, 43, 1192-1203.	3.0	602
3	Optimal control of LTI systems over unreliable communication links. Automatica, 2006, 42, 1429-1439.	3.0	513
4	Hâˆž-Optimal Control and Related. Systems and Control: Foundations and Applications, 1991, , .	0.1	384
5	CDMA Uplink Power Control as a Noncooperative Game. Wireless Networks, 2002, 8, 659-670.	2.0	326
6	Multi-Agent Reinforcement Learning: A Selective Overview of Theories and Algorithms. Studies in Systems, Decision and Control, 2021, , 321-384.	0.8	243
7	Optimal control in the presence of an intelligent jammer with limited actions. , 2010, , .		168
8	Stochastic Networked Control Systems. Systems and Control: Foundations and Applications, 2013, , .	0.1	163
9	Distributed algorithms for the computation of noncooperative equilibria. Automatica, 1987, 23, 523-533.	3.0	143
10	Optimal Strategies for Communication and Remote Estimation With an Energy Harvesting Sensor. IEEE Transactions on Automatic Control, 2013, 58, 2246-2260.	3.6	136
11	Robust and resilient control design for cyber-physical systems with an application to power systems. , 2011, , .		129
12	Game-Theoretic Analysis of the Hegselmann-Krause Model for Opinion Dynamics in Finite Dimensions. IEEE Transactions on Automatic Control, 2015, 60, 1886-1897.	3.6	123
13	Informational properties of the Nash solutions of two stochastic nonzero-sum games. Journal of Economic Theory, 1974, 7, 370-387.	0.5	119
14	Risk-Sensitive Mean-Field Games. IEEE Transactions on Automatic Control, 2014, 59, 835-850.	3.6	119
15	Simultaneous design of measurement and control strategies for stochastic systems with feedback. Automatica, 1989, 25, 679-694.	3.0	113
16	Linear Quadratic Risk-Sensitive and Robust Mean Field Games. IEEE Transactions on Automatic Control, 2017, 62, 1062-1077.	3.6	93
17	Nash Equilibrium and Decentralized Negotiation in Auctioning Divisible Resources. Group Decision and Negotiation, 2003, 12, 361-395.	2.0	90
18	Game-theoretic analysis of an aerial jamming attack on a UAV communication network. , 2010, , .		89

#	Article	IF	Citations
19	Prospect theory for enhanced cyber-physical security of drone delivery systems: A network interdiction game. , 2017, , .		86
20	Stability of epidemic models over directed graphs: A positive systems approach. Automatica, 2016, 74, 126-134.	3.0	82
21	Optimal Nonlinear Pricing for a Monopolistic Network Service Provider with Complete and Incomplete Information. IEEE Journal on Selected Areas in Communications, 2007, 25, 1216-1223.	9.7	78
22	Exponential Convergence of the Discrete- and Continuous-Time Altafini Models. IEEE Transactions on Automatic Control, 2017, 62, 6168-6182.	3.6	77
23	Information-Theoretic Approach to Strategic Communication as a Hierarchical Game. Proceedings of the IEEE, 2017, 105, 205-218.	16.4	74
24	Modeling, estimation, and analysis of epidemics over networks: An overview. Annual Reviews in Control, 2020, 50, 345-360.	4.4	74
25	Stochastic games for security in networks with interdependent nodes. , 2009, , .		73
26	Linear quadratic mean field Stackelberg differential games. Automatica, 2018, 97, 200-213.	3.0	71
27	Analysis and Control of a Continuous-Time Bi-Virus Model. IEEE Transactions on Automatic Control, 2019, 64, 4891-4906.	3.6	71
28	Resilient control of cyber-physical systems against Denial-of-Service attacks. , 2013, , .		70
29	Optimal estimation with limited measurements. International Journal of Systems, Control and Communications, 2010, 2, 5.	0.2	65
30	Networked Multi-Agent Reinforcement Learning in Continuous Spaces. , 2018, , .		64
31	Relaxation techniques and asynchronous algorithms for on-line computation of non-cooperative equilibria. Journal of Economic Dynamics and Control, 1987, 11, 531-549.	0.9	62
32	Price-Based Coordinated Aggregation of Networked Distributed Energy Resources. IEEE Transactions on Automatic Control, 2016, 61, 2936-2946.	3.6	61
33	A hierarchical security architecture for cyber-physical systems. , 2011, , .		58
34	GUIDEX: A Game-Theoretic Incentive-Based Mechanism for Intrusion Detection Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 2220-2230.	9.7	58
35	Common Information Based Markov Perfect Equilibria for Stochastic Games With Asymmetric Information: Finite Games. IEEE Transactions on Automatic Control, 2014, 59, 555-570.	3.6	58
36	Dynamic policy-based IDS configuration. , 2009, , .		54

#	Article	IF	Citations
37	Evolution of Social Power in Social Networks With Dynamic Topology. IEEE Transactions on Automatic Control, 2018, 63, 3793-3808.	3.6	53
38	Distributed Discrete-Time Optimization in Multiagent Networks Using Only Sign of Relative State. IEEE Transactions on Automatic Control, 2019, 64, 2352-2367.	3.6	53
39	Design and Analysis of Distributed Averaging With Quantized Communication. IEEE Transactions on Automatic Control, 2016, 61, 3870-3884.	3.6	50
40	Controllability of Conjunctive Boolean Networks With Application to Gene Regulation. IEEE Transactions on Control of Network Systems, 2018, 5, 770-781.	2.4	49
41	Toward an Internet of Battlefield Things: A Resilience Perspective. Computer, 2018, 51, 24-36.	1.2	48
42	A differential game approach to distributed demand side management in smart grid. , 2012, , .		47
43	Dynamic Games in Cyber-Physical Security: An Overview. Dynamic Games and Applications, 2019, 9, 884-913.	1.1	44
44	On a Modified DeGroot-Friedkin model of opinion dynamics. , 2015, , .		43
45	Analysis, Estimation, and Validation of Discrete-Time Epidemic Processes. IEEE Transactions on Control Systems Technology, 2020, 28, 79-93.	3.2	43
46	Interference Aware Routing Game for Cognitive Radio Multi-Hop Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 2006-2015.	9.7	42
47	Heterogeneous learning in zero-sum stochastic games with incomplete information. , 2010, , .		41
48	Decentralized risk-sensitive controller design for strict-feedback systems. Systems and Control Letters, 2003, 50, 383-393.	1.3	40
49	Exponential convergence of a distributed algorithm for solving linear algebraic equations. Automatica, 2017, 83, 37-46.	3.0	40
50	`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e148" altimg="si3.svg"><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mm` analysis for dynamic event-triggered networked control systems with packet losses and quantization. Automatica, 2021, 129, 109587.	3.0	39
51	Model Simplification and Optimal Control of Stochastic Singularly Perturbed Systems under Exponentiated Quadratic Cost. SIAM Journal on Control and Optimization, 1996, 34, 1734-1766.	1.1	38
52	Prices of Anarchy, Information, and Cooperation inÂDifferential Games. Dynamic Games and Applications, 2011, 1, 50-73.	1.1	38
53	Markov--Nash Equilibria in Mean-Field Games with Discounted Cost. SIAM Journal on Control and Optimization, 2018, 56, 4256-4287.	1.1	38
54	Physical layer security: Coalitional games for distributed cooperation. , 2009, , .		37

#	Article	IF	Citations
55	Information-Driven Autonomous Intersection Control via Incentive Compatible Mechanisms. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 912-924.	4.7	37
56	Robust Mean Field Games. Dynamic Games and Applications, 2016, 6, 277-303.	1.1	36
57	A dynamic game-theoretic approach to resilient control system design for cascading failures. , 2012, , .		35
58	Decentralized Online Convex Optimization With Event-Triggered Communications. IEEE Transactions on Signal Processing, 2021, 69, 284-299.	3.2	34
59	Complexity of equilibrium in competitive diffusion games on social networks. Automatica, 2016, 68, 100-110.	3.0	33
60	Stability structures of conjunctive Boolean networks. Automatica, 2018, 89, 8-20.	3.0	33
61	Common Information Based Markov Perfect Equilibria for Linear-Gaussian Games with Asymmetric Information. SIAM Journal on Control and Optimization, 2014, 52, 3228-3260.	1.1	32
62	Bayesian decision aggregation in collaborative intrusion detection networks. , 2010, , .		31
63	Deceptive routing games. , 2012, , .		31
64	Stability properties of infected networks with low curing rates. , 2014, , .		31
65	Dynamic Games With Asymmetric Information and Resource Constrained Players With Applications to Security of Cyberphysical Systems. IEEE Transactions on Control of Network Systems, 2017, 4, 71-81.	2.4	31
66	Affine Incentive Schemes for Stochastic Systems with Dynamic Information. SIAM Journal on Control and Optimization, 1984, 22, 199-210.	1.1	30
67	Optimum $H^ž$ designs under sampled state measurements. Systems and Control Letters, 1991, 16, 399-409.	1.3	30
68	H_{infty} Bumpless Transfer Under Controller Uncertainty. IEEE Transactions on Automatic Control, 2009, 54, 1718-1723.	3.6	30
69	Risk-Sensitive Mean-Field Stochastic Differential Games. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 3222-3227.	0.4	30
70	Variations on the theme of the Witsenhausen counterexample. , 2008, , .		29
71	A dynamic transmitter-jammer game with asymmetric information. , 2012, , .		29
72	A Game of Drones: Cyber-Physical Security of Time-Critical UAV Applications With Cumulative Prospect Theory Perceptions and Valuations. IEEE Transactions on Communications, 2020, 68, 6990-7006.	4.9	29

#	Article	IF	Citations
73	Decentralized multi-agent reinforcement learning with networked agents: recent advances. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 802-814.	1.5	29
74	Robust Rate Control for Heterogeneous Network Access in Multihomed Environments. IEEE Transactions on Mobile Computing, 2009, 8, 41-51.	3.9	28
75	Graph-theoretic approach for connectivity maintenance in mobile networks in the presence of a jammer. , 2010, , .		28
76	Robust Mean Field Games with Application to Production of an Exhaustible Resource. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 454-459.	0.4	28
77	Distributed Evaluation and Convergence of Self-Appraisals in Social Networks. IEEE Transactions on Automatic Control, 2017, 62, 291-304.	3.6	28
78	Optimal communication scheduling and remote estimation over an additive noise channel. Automatica, 2018, 88, 57-69.	3.0	28
79	Hierarchical multistage Gaussian signaling games in noncooperative communication and control systems. Automatica, 2019, 107, 9-20.	3.0	28
80	Intrusion Response as a Resource Allocation Problem. , 2006, , .		27
81	Internal stability of linear consensus processes. , 2014, , .		26
82	Sampling multidimensional Wiener processes. , 2014, , .		26
83	Multi-competitive viruses over time-varying networks with mutations and human awareness. Automatica, 2021, 123, 109330.	3.0	26
84	Minimax control of switching systems under sampling. Systems and Control Letters, 1995, 25, 315-325.	1.3	25
85	A game-theoretical approach to incentive design in collaborative intrusion detection networks. , 2009, , .		25
86	Minimax control over unreliable communication channels. Automatica, 2015, 59, 182-193.	3.0	25
87	Game-theoretic analysis of a visibility based pursuit-evasion game in the presence of obstacles. , 2009, , .		22
88	Game-theoretic analysis of node capture and cloning attack with multiple attackers in wireless sensor networks. , 2012, , .		22
89	Privacy constrained information processing. , 2015, , .		22
90	Characterizing the positive semidefiniteness of signed Laplacians via Effective Resistances. , 2016, , .		22

#	Article	IF	Citations
91	Multi-competitive viruses over static and time-varying networks. , 2017, , .		22
92	Optimal estimation with limited measurements and noisy communication. , 2015, , .		21
93	Communication-Efficient Policy Gradient Methods for Distributed Reinforcement Learning. IEEE Transactions on Control of Network Systems, 2022, 9, 917-929.	2.4	21
94	Stability properties of infection diffusion dynamics over directed networks. , 2014, , .		20
95	Robust mean field games for coupled Markov jump linear systems. International Journal of Control, 2016, 89, 1367-1381.	1.2	20
96	Unified stability criteria for slowly time-varying and switched linear systems. Automatica, 2018, 96, 110-120.	3.0	20
97	Singular surfaces in multi-agent connectivity maintenance games. , 2011, , .		19
98	Agent-based cyber control strategy design for resilient control systems: Concepts, architecture and methodologies. , 2012, , .		19
99	An impact-aware defense against Stuxnet. , 2013, , .		19
100	On remote estimation with multiple communication channels. , 2016, , .		19
101	Dynamic Power Distribution System Management With a Locally Connected Communication Network. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 673-687.	7.3	19
102	Influence of Conformist and Manipulative Behaviors on Public Opinion. IEEE Transactions on Control of Network Systems, 2019, 6, 202-214.	2.4	19
103	Secure Sensor Design for Cyber-Physical Systems Against Advanced Persistent Threats. Lecture Notes in Computer Science, 2017, , 91-111.	1.0	19
104	Risk-Sensitive Zero-Sum Differential Games. IEEE Transactions on Automatic Control, 2019, 64, 1503-1518.	3.6	19
105	Optimum design of measurement channels and control policies for linear-quadratic stochastic systems. European Journal of Operational Research, 1994, 73, 226-236.	3.5	18
106	Distributed Coalition Formation Games for Secure Wireless Transmission. Mobile Networks and Applications, 2011, 16, 231-245.	2.2	18
107	A Stackelberg game for multi-period demand response management in the smart grid. , 2015, , .		18
108	Optimal sensor scheduling and remote estimation over an additive noise channel. , 2015, , .		18

#	Article	IF	Citations
109	Risk-sensitive control of Markov jump linear systems: Caveats and difficulties. International Journal of Control, Automation and Systems, 2017, 15, 462-467.	1.6	18
110	A Communication-Efficient Multi-Agent Actor-Critic Algorithm for Distributed Reinforcement Learning. , 2019, , .		18
111	A Multi-Agent Off-Policy Actor-Critic Algorithm for Distributed Reinforcement Learning. IFAC-PapersOnLine, 2020, 53, 1549-1554.	0.5	18
112	Time-scale separation and robust controller design for uncertain nonlinear singularly perturbed systems under perfect state measurements. International Journal of Robust and Nonlinear Control, 1996, 6, 585-608.	2.1	17
113	Optimal control with limited control actions and lossy transmissions. , 2008, , .		17
114	Dynamic Interference Minimization Routing Game for On-Demand Cognitive Pilot Channel. , 2010, , .		17
115	Optimal Zero-Delay Jamming Over an Additive Noise Channel. IEEE Transactions on Information Theory, 2015, 61, 4331-4344.	1.5	17
116	On the analysis of a continuous-time bi-virus model. , 2016, , .		17
117	A Visibility-Based Pursuit-Evasion Game with a Circular Obstacle. Journal of Optimization Theory and Applications, 2016, 171, 1071-1082.	0.8	17
118	Will Distributed Computing Revolutionize Peace? The Emergence of Battlefield IoT. , 2018, , .		17
119	Decentralized online convex optimization based on signs of relative states. Automatica, 2021, 129, 109676.	3.0	17
120	Stability of discrete-time Altafini's model: A graphical approach. , 2015, , .		16
121	Mixed integer optimal compensation: Decompositions and mean-field approximations. , 2012, , .		15
122	Design of minimax controllers for linear systems with non–zero initial states under specified information structures. International Journal of Robust and Nonlinear Control, 1992, 2, 1-30.	2.1	14
123	Hybrid risk-sensitive mean-field stochastic differential games with application to molecular biology. , 2011, , .		14
124	Distributed averaging with linear objective maps. Automatica, 2016, 70, 179-188.	3.0	14
125	Convergence Time of Quantized Metropolis Consensus Over Time-Varying Networks. IEEE Transactions on Automatic Control, 2016, 61, 4048-4054.	3.6	14
126	Decentralized Multi-Agent Stochastic Optimization With Pairwise Constraints and Quantized Communications. IEEE Transactions on Signal Processing, 2020, 68, 3296-3311.	3.2	14

#	Article	IF	Citations
127	A Game-Theoretic Framework for Multiperiod-Multicompany Demand Response Management in the Smart Grid. IEEE Transactions on Control Systems Technology, 2021, 29, 1019-1034.	3.2	14
128	A Game-Theoretic Approach to Respond to Attacker Lateral Movement. Lecture Notes in Computer Science, 2016, , 294-313.	1.0	14
129	Linear-quadratic stochastic differential Stackelberg games with a high population of followers. , 2015, , .		13
130	On a continuous-time multi-group bi-virus model with human awareness. , 2017, , .		13
131	Quantifying Market Efficiency Impacts of Aggregated Distributed Energy Resources. IEEE Transactions on Power Systems, 2020, 35, 4067-4077.	4.6	13
132	Value of demand response in the smart grid. , 2013, , .		12
133	Periodic behavior of a diffusion model over directed graphs. , 2016, , .		12
134	Asymptotic Behavior of Conjunctive Boolean Networks Over Weakly Connected Digraphs. IEEE Transactions on Automatic Control, 2020, 65, 2536-2549.	3.6	12
135	Approximate Markov-Nash Equilibria for Discrete-Time Risk-Sensitive Mean-Field Games. Mathematics of Operations Research, 2020, 45, 1596-1620.	0.8	12
136	Decentralized Online Convex Optimization With Feedback Delays. IEEE Transactions on Automatic Control, 2022, 67, 2889-2904.	3.6	12
137	Information spread in networks: Control, games, and equilibria. , 2014, , .		11
138	Control over lossy networks: A dynamic game approach. , 2014, , .		11
139	On Semidefiniteness of Signed Laplacians with Application to Microgrids**This work was supported in parts by the Research Grants Council of Hong Kong Special Administrative Region, China, under the Theme-Based Research Scheme T23-701/14-N, the Knut and Alice Wallenberg Foundation, the Swedish Research Council, and a MURI Grant at the University of Illinois.. IFAC-PapersOnLine, 2016, 49, 97-102.	0.5	11
140	A continuous-time distributed algorithm for solving linear equations. , 2016, , .		11
141	Differentially Private Gossip Gradient Descent. , 2018, , .		11
142	Approximate Nash Equilibria in Partially Observed Stochastic Games with Mean-Field Interactions. Mathematics of Operations Research, 2019, 44, 1006-1033.	0.8	11
143	On Spectral Properties of Signed Laplacians With Connections to Eventual Positivity. IEEE Transactions on Automatic Control, 2021, 66, 2177-2190.	3.6	11
144	Time-scale separation and robust controller design for uncertain nonlinear singularly perturbed systems under perfect state measurements. , 1996, 6, 585.		11

#	Article	IF	Citations
145	Stochastic incentive problems with partial dynamic information and multiple levels of hierarchy. European Journal of Political Economy, 1989, 5, 203-217.	1.0	10
146	Distributed correlated Q-learning for dynamic transmission control of sensor networks. , 2010, , .		10
147	Pricing under information asymmetry forÂaÂlarge population ofÂusers. Telecommunication Systems, 2011, 47, 123-136.	1.6	10
148	Minimax estimation with intermittent observations. Automatica, 2015, 62, 122-133.	3.0	10
149	Convergence rate of the modified DeGroot-Friedkin model with doubly stochastic relative interaction matrices. , 2016, , .		10
150	Robust Distributed Averaging: When are Potential-Theoretic Strategies Optimal?. IEEE Transactions on Automatic Control, 2016, 61, 1767-1779.	3.6	10
151	Projected Stochastic Primal-Dual Method for Constrained Online Learning With Kernels. IEEE Transactions on Signal Processing, 2019, 67, 2528-2542.	3.2	10
152	Risk-Sensitive Mean Field Games via the Stochastic Maximum Principle. Dynamic Games and Applications, 2019, 9, 1100-1125.	1.1	10
153	Communication scheduling and remote estimation with adversarial intervention. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 32-44.	8.5	10
154	Finite-Sample Analysis for Decentralized Batch Multiagent Reinforcement Learning With Networked Agents. IEEE Transactions on Automatic Control, 2021, 66, 5925-5940.	3.6	10
155	Monopoly Pricing with Participationâ€Dependent Social Learning About Quality of Service. Production and Operations Management, 2021, 30, 4004-4022.	2.1	10
156	Jamming in mobile networks: A game-theoretic approach. Numerical Algebra, Control and Optimization, 2013, 3, 1-30.	1.0	10
157	Optimum coding and decoding schemes for the transmission of a stochastic process over a continuous-time stochastic channel with partially unknown statisticst^{â€}. Stochastics, 1982, 8, 213-237.	0.6	9
158	Security games with decision and observation errors. , 2010, , .		9
159	Stability of a distributed algorithm for solving linear algebraic equations. , 2014, , .		9
160	Linear-quadratic risk-sensitive mean field games. , 2014, , .		9
161	Generalized Sarymsakov Matrices. IEEE Transactions on Automatic Control, 2019, 64, 3085-3100.	3.6	9
162	Centralized volatility reduction for electricity markets. International Journal of Electrical Power and Energy Systems, 2021, 133, 107101.	3.3	9

#	Article	IF	Citations
163	Asynchronous Networked Aggregative Games. Automatica, 2022, 136, 110054.	3.0	9
164	Distributed hypothesis testing with a fusion center: The conditionally dependent case. , 2008, , .		8
165	L<inf>1</inf> adaptive controller for systems with input quantization. , 2010, , .		8
166	Fictitious play with time-invariant frequency update for network security. , 2010, , .		8
167	Spatial approaches to broadband jamming in heterogeneous mobile networks: a game-theoretic approach. Autonomous Robots, 2011, 31, 367-381.	3.2	8
168	A game-theoretic framework for control of distributed renewable-based energy resources in smart grids. , 2012, , .		8
169	On Optimal Jamming Over an Additive Noise Channel. , 2013, , .		8
170	Complex constrained consensus. , 2014, , .		8
171	Strategic communication between prospect theoretic agents over a Gaussian test channel. , 2017, , .		8
172	Dynamic Information Disclosure for Deception*. , 2018, , .		8
173	Nonzero-Sum Differential Games. , 2018, , 61-110.		8
174	Effects of Subjective Biases on Strategic Information Transmission. IEEE Transactions on Communications, 2018, 66, 6040-6049.	4.9	8
175	A Bandwidth expanding scheme for communication channels with noiseless feedback in the presence of unknown jamming noise. Journal of the Franklin Institute, 1984, 317, 73-88.	1.9	7
176	On stochastic incentive control problems with partial dynamic information. Systems and Control Letters, 1985, 6, 69-75.	1.3	7
177	Evolutionary Games for Hybrid Additive White Gaussian Noise Multiple Access Control. , 2009, , .		7
178	Multi-Resolution Large Population Stochastic Differential Games and Their Application to Demand Response Management in the Smart Grid. Dynamic Games and Applications, 2013, 3, 68-88.	1.1	7
179	Discrete-time decentralized control using the risk-sensitive performance criterion in the large population regime: A mean field approach. , 2015, , .		7
180	Discrete-time stochastic Stackelberg dynamic games with a large number of followers. , 2016, , .		7

#	Article	IF	Citations
181	Cash-settled options for wholesale electricity markets. IFAC-PapersOnLine, 2017, 50, 13605-13611.	0.5	7
182	Orbit-controlling sets for conjunctive Boolean networks. , 2017, , .		7
183	The Impact of Aggregating Distributed Energy Resources on Electricity Market Efficiency. , 2019, , .		7
184	Persuasion-Based Robust Sensor Design Against Attackers With Unknown Control Objectives. IEEE Transactions on Automatic Control, 2021, 66, 4589-4603.	3.6	7
185	Distributed learning of average belief over networks using sequential observations. Automatica, 2020, 115, 108857.	3.0	7
186	Bayesian Persuasion With State-Dependent Quadratic Cost Measures. IEEE Transactions on Automatic Control, 2022, 67, 1241-1252.	3.6	7
187	Stackelberg solution for a two-agent rational expectations model. Automatica, 2021, 129, 109601.	3.0	7
188	Estimation over lossy networks: A dynamic game approach. , 2013, , .		6
189	Numerical approximation for a visibility based pursuit-evasion game. , 2014, , .		6
190	Riccati Equations in Nash and Stackelberg Differential and Dynamic Games. IFAC-PapersOnLine, 2017, 50, 9547-9554.	0.5	6
191	Reliable Smart Road Signs. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4995-5009.	4.7	6
192	Sampled-Data Nash Equilibria in Differential Games with Impulse Controls. Journal of Optimization Theory and Applications, 2021, 190, 999-1022.	0.8	6
193	Security Investment in Cyber-Physical Systems: Stochastic Games With Asymmetric Information and Resource-Constrained Players. IEEE Transactions on Automatic Control, 2022, 67, 5384-5391.	3.6	6
194	Stochastic Differential Games and Intricacy of Information Structures. Dynamic Modeling and Econometrics in Economics and Finance, 2014, , 23-49.	0.4	6
195	Controlling a Networked SIS Model via a Single Input over Undirected Graphs. IFAC-PapersOnLine, 2020, 53, 10981-10986.	0.5	6
196	On the existence and uniqueness of closed-loop sampled-data nash controls in linear-quadratic stochastic differential games. , 1980, , 193-203.		5
197	A constrained evolutionary Gaussian multiple access channel game. , 2009, , .		5
198	&#x2112;<inf>1</inf> adaptive controller for quantized systems. , 2011, , .		5

#	Article	IF	Citations
199	An approximation algorithm and price of anarchy for the binary-preference capacitated selfish replication game. , 2015, , .		5
200	On Remote Estimation with communication scheduling and power allocation. , 2016, , .		5
201	Strategic control of a tracking system. , 2016, , .		5
202	Price of anarchy and an approximation algorithm for the binary-preference capacitated selfish replication game. Automatica, 2017, 76, 153-163.	3.0	5
203	Optimal capacity allocation for sampled networked systems. Automatica, 2017, 85, 100-112.	3.0	5
204	On Communication Scheduling and Remote Estimation in the Presence of an Adversary as a Nonzero-sum Game. , 2018, , .		5
205	Optimization of Web Service-Based Data-Collection System With Smart Sensor Nodes for Balance Between Network Traffic and Sensing Accuracy. IEEE Transactions on Automation Science and Engineering, 2021, 18, 2022-2034.	3.4	5
206	Dynamic Contract Design for Systemic Cyber Risk Management of Interdependent Enterprise Networks. Dynamic Games and Applications, 2021, 11, 294-325.	1.1	5
207	Provably Efficient Reinforcement Learning in Decentralized General-Sum Markov Games. Dynamic Games and Applications, 0, , 1.	1.1	5
208	Optimal Transport for a Class of Linear Quadratic Differential Games. IEEE Transactions on Automatic Control, 2022, 67, 6287-6294.	3.6	5
209	Optimal Estimation over Channels with Limits on Usage. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 6632-6637.	0.4	4
210	A dynamic random access game with energy constraints. , 2009, , .		4
211	&#x2112;<inf>1</inf> adaptive controller for a rotary steerable system. , 2011, , .		4
212	Dynamic Secure Routing Game in Distributed Cognitive Radio Networks. , 2011, , .		4
213	Optimal strategies for dynamic weight selection in consensus protocols in the presence of an adversary. , 2014, , .		4
214	Connections between stability conditions for slowly time-varying and switched linear systems. , 2015, , .		4
215	Controllability of formations over directed graphs. , 2015, , .		4
216	Consensus with linear objective maps. , 2015, , .		4

#	Article	IF	Citations
217	Distributed evaluation and convergence of self-appraisals in social networks. , 2015, , .		4
218	Modification of social dominance in social networks by selective adjustment of interpersonal weights. , 2017, , .		4
219	Countries' survival in networked international environments. , 2017, , .		4
220	Networked Infectious Diseaseâ€"Contaminated Water Model. , 2019, , .		4
221	Reputation and Pricing Dynamics in Online Markets. IEEE/ACM Transactions on Networking, 2021, 29, 1745-1759.	2.6	4
222	On the Optimality of Linear Signaling to Deceive Kalman Filters over Finite/Infinite Horizons. Lecture Notes in Computer Science, 2019, , 459-478.	1.0	4
223	Minimax Disturbance Attenuation in LTV Plants in Discrete Time. , 1990, , .		4
224	Decentralized LQG Control With d-Step Delayed Information Sharing Pattern. IEEE Transactions on Automatic Control, 2023, 68, 604-611.	3.6	4
225	Information induced multimodel solutions in multiple deeisionmaker problems. IEEE Transactions on Systems, Man, and Cybernetics, 1983, SMC-13, 515-526.	0.9	3
226	Risk-Averse Designs: From Exponential Cost to Stochastic Games. Kluwer International Series in Engineering and Computer Science, 2000, , 131-143.	0.2	3
227	Hierarchical Network Games with Various Types of Public and Private Information. , 2006, , .		3
228	Input-output stability of linear consensus processes. , 2016, , .		3
229	Decomposition and Mean-Field Approach to Mixed Integer Optimal Compensation Problems. Journal of Optimization Theory and Applications, 2016, 169, 606-630.	0.8	3
230	Asymptotic behavior of a reduced conjunctive Boolean network. , 2017, , .		3
231	An approach to distributed parametric learning with streaming data. , 2017, , .		3
232	Deception-as-Defense Framework for Cyber-Physical Systems. Lecture Notes in Control and Information Sciences, 2021, , 287-317.	0.6	3
233	On Communication over Gaussian Sensor Networks with Adversaries: Further Results. Lecture Notes in Computer Science, 2013, , 1-9.	1.0	3
234	Robust Designs Through Risk Sensitivity: An Overview. Journal of Systems Science and Complexity, 2021, 34, 1634-1665.	1.6	3

#	Article	IF	Citations
235	Reinforcement learning for resource management in multi-tenant serverless platforms. , 2022, , .		3
236	Decision Problems with Multiple Probabilistic Models. , 1983, , .		3
237	A class of minimax decision problems with nonclassical information. , 1982, , .		2
238	Hâˇž-optimal control for singularly perturbed systems part i: perfect state measurements. , 1992, , .		2
239	Price of anarchy and price of information in N-person linear-quadratic differential games. , 2010, , .		2
240	Evolutionary Games for Multiple Access Control. , 2013, , 39-71.		2
241	Deployment and exploitation of deceptive honeybots in social networks. , 2013, , .		2
242	Dynamic incentive design in multi-stage linear-Gaussian games with asymmetric information: A common information based approach. , 2014, , .		2
243	Formation control with triangulated Laman graphs. , 2015, , .		2
244	Products of generalized stochastic Sarymsakov matrices. , 2015, , .		2
245	Joint optimization of communication scheduling and online power allocation in remote estimation. , 2016, , .		2
246	Team-optimal distributed MMSE estimation in general and tree networks. , 2017, 64, 83-95.		2
247	Distributed belief averaging using sequential observations. , 2017, , .		2
248	State-controlling Sets for Conjunctive Boolean Networks * *This research was supported in part by the O_ce of Naval Research (ONR) MURI grant N-00014-16-1-2710.. IFAC-PapersOnLine, 2017, 50, 14290-14295.	0.5	2
249	Deceptive Multi-dimensional Information Disclosure over a Gaussian Channel*. , 2018, , .		2
250	Stochastic Zero-Sum Differential Games for Forward-Backward SDEs. , 2019, , .		2
251	Nash Equilibrium Seeking in Quadratic Noncooperative Games Under Two Delayed Information-Sharing Schemes. Journal of Optimization Theory and Applications, 2020, , 1.	0.8	2
252	Erratum to â€œAnalysis, Identification, and Validation of Discrete-Time Epidemic Processesâ€•[doi: 10.1109/TCST.2018.2869369]. IEEE Transactions on Control Systems Technology, 2021, 29, 934-935.	3.2	2

#	Article	IF	Citations
253	On the <i>H</i>-Property for Step-Graphons and Edge Polytopes. , 2022, 6, 1766-1771.		2
254	Distributed Constrained Online Convex Optimization Over Multiple Access Fading Channels. IEEE Transactions on Signal Processing, 2022, 70, 3468-3483.	3.2	2
255	Existence of dominant solutions in linear output feedback. , 1984, , .		1
256	Optimal acquisition policy for compressed measurements with limited observations. , 2012, , .		1
257	On the structure of equilibrium strategies in dynamic Gaussian signaling games. , 2016, , .		1
258	Group Testing Game. IFAC-PapersOnLine, 2017, 50, 9668-9673.	0.5	1
259	On Stability of Nonlinear Slowly Time-Varying and Switched Systems. , 2018, , .		1
260	Generalized Minimum Phase Property for Finite-Dimensional Continuous-Time SISO LTI Systems with Additive Disturbances. , 2018, , .		1
261	Revisiting Client Puzzles for State Exhaustion Attacks Resilience. , 2019, , .		1
262	Network Games. , 2017, , 1-46.		1
263	Finite-Sample Analysis For Decentralized Cooperative Multi-Agent Reinforcement Learning From Batch Data. IFAC-PapersOnLine, 2020, 53, 1049-1056.	0.5	1
264	A Generalized Minimum Phase Property for Finite-Dimensional Continuous-Time MIMO LTI Systems with Additive Disturbances. IFAC-PapersOnLine, 2020, 53, 4668-4675.	0.5	1
265	Dynamic Programming and a Verification Theorem for the Recursive Stochastic Control Problem of Jump-Diffusion Models With Random Coefficients. IEEE Transactions on Automatic Control, 2022, 67, 6474-6488.	3.6	1
266	Adversarial Linear-Quadratic Mean-Field Games over Multigraphs. , 2021, , .		1
267	Affine Incentive Schemes for Stochastic Systems with Dynamic Information. , 1982, , .		1
268	Compartmental observability approach for the optimal transparency problem in multi-agent systems. Automatica, 2022, 143, 110398.	3.0	1
269	Performance bounds for hierarchical systems under partial dynamic information. , 1981, , .		0
270	Near-optimum incentive policies in stochastic team problems with discrepancies in goal perceptions. , 1984, , .		0

#	Article	IF	Citations
271	ℒ<inf>1</inf> adaptive control for positive LTI systems. , 2011, , .		0
272	Opportunistic sensor activation in the face of data deluge. , 2013, , .		0
273	Distributed linear supervisory control. , 2014, , .		0
274	Robust control of LTI systems over unreliable communication channels with unreliable acknowledgments. , 2016, , .		0
275	Secure Sensor Design for Resiliency of Control Systems Prior to Attack Detection. , 2018, , .		0
276	Distributed Aggregative Games on Graphs in Adversarial Environments. Lecture Notes in Computer Science, 2018, , 296-313.	1.0	0
277	Network Games. , 2018, , 547-593.		0
278	Exponentially Fast Estimation of Power System Oscillation Modes Using Distributed Phasor Data. , 2019, , .		0
279	Quantifying Market Efficiency Impacts of Aggregated Distributed Energy Resources. , 2021, , .		0
280	Partially Observed Discrete-Time Risk-Sensitive Mean Field Games. Dynamic Games and Applications, 0, , .	1.1	0