Leon A Petrosyan

List of Publications by Year
in descending order

72 papers	658 citations	687335 13 h-index

642715 23 g-index		

85 all docs	85 docs citations	85 times ranked	192 citing authors

#	Article	IF	Citations
1	Subgame Consistent Cooperative Solutions in Stochastic Differential Games. Journal of Optimization Theory and Applications, 2004, 120, 651-666.	1.5	78
2	A cooperative stochastic differential game of transboundary industrial pollution. Automatica, 2008, 44, 1532-1544.	5.0	74
3	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
4	Subgame Consistent Economic Optimization. Static and Dynamic Game Theory: Foundations and Applications, 2012, , .	0.6	39
5	Subgame Consistent Solutions for Cooperative Stochastic Dynamic Games. Journal of Optimization Theory and Applications, 2010, 145, 579-596.	1.5	35
6	Subgame Consistent Cooperation. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , .	0.2	29
7	Dynamically stable corporate joint ventures. Automatica, 2006, 42, 365-370.	5.0	26
8	Subgame Consistent Cooperative Solution of Dynamic Games with Random Horizon. Journal of Optimization Theory and Applications, 2011, 150, 78-97.	1.5	25
9	Cooperative network design: A Nash bargaining solution approach. Computer Networks, 2015, 83, 265-279.	5.1	21
10	Cooperation in two-stage games on undirected networks. Journal of Systems Science and Complexity, 2017, 30, 680-693.	2.8	21
11	Subgame Consistent Solutions for a Class of Cooperative Stochastic Differential Games with Nontransferable Payoffs. , 2007, , 153-170.		16
12	Multistage network games with perfect information. Automation and Remote Control, 2014, 75, 1532-1540.	0.8	15
13	Shapley value for differential network games: Theory and application. Journal of Dynamics and Games, 2021, 8, 151.	1.0	15
14	A Nash Bargaining Solution for Cooperative Network Formation Games. Lecture Notes in Computer Science, 2011, , 307-318.	1.3	15
15	Subgame-consistent cooperative solutions in randomly furcating stochastic dynamic games. Mathematical and Computer Modelling, 2013, 57, 976-991.	2.0	14
16	Subgame-consistent cooperative solutions in randomly furcating stochastic differential games. Mathematical and Computer Modelling, 2007, 45, 1294-1307.	2.0	13
17	Subgame consistent cooperative solution for NTU dynamic games via variable weights. Automatica, 2015, 59, 84-89.	5.0	13
18	Nontransferable Utility Cooperative Dynamic Games. , 2018, , 633-670.		11

#	Article	IF	Citations
19	The Subgame-Consistent Shapley Value for Dynamic Network Games with Shock. Dynamic Games and Applications, 2016, 6, 520-537.	1.9	10
20	Cooperative Dynamic Games with Control Lags. Dynamic Games and Applications, 2019, 9, 550-567.	1.9	10
21	Cooperative Dynamic Games with Durable Controls: Theory and Application. Dynamic Games and Applications, 2020, 10, 872-896.	1.9	10
22	Subgame Consistent Cooperative Provision of Public Goods. Dynamic Games and Applications, 2013, 3, 419-442.	1.9	9
23	Strategically supported cooperation in dynamic games with coalition structures. Science China Mathematics, 2016, 59, 1015-1028.	1.7	9
24	A Cooperative Dynamic Environmental Game of Subgame Consistent Clean Technology Development. International Game Theory Review, 2016, 18, 1640008.	0.5	8
25	Cooperative Differential Games with Transferable Payoffs. , 2018, , 595-632.		8
26	A TIME-CONSISTENT SOLUTION FORMULA FOR BARGAINING PROBLEM IN DIFFERENTIAL GAMES. International Game Theory Review, 2014, 16, 1450016.	0.5	7
27	Construction of Dynamically Stable Solutions in Differential Network Games. Lecture Notes in Control and Information Sciences - Proceedings, 2020, , 51-61.	0.1	7
28	SUBGAME CONSISTENT COOPERATIVE SOLUTIONS FOR RANDOMLY FURCATING STOCHASTIC DYNAMIC GAMES WITH UNCERTAIN HORIZON. International Game Theory Review, 2014, 16, 1440012.	0.5	6
29	Convergence of strong time-consistent payment schemes in dynamic games. Applied Mathematics and Computation, 2017, 315, 96-112.	2.2	6
30	About one multistage non-antagonistic network game. Vestnik Sankt-Peterburgskogo Universiteta, Prikladnaya Matematika, Informatika, Protsessy Upravleniya, 2019, 15, 603-615.	0.2	5
31	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
32	Transformation of Characteristic Function in Dynamic Games. Journal of Systems Science and Information, 2013, 1, 22-37.	0.6	4
33	Time-Consistent Solutions for Two-Stage Network Games with Pairwise Interactions. Mobile Networks and Applications, 2021, 26, 491-500.	3.3	4
34	Strong Time-Consistent Solution for Cooperative Differential Games with Network Structure. Mathematics, 2021, 9, 755.	2.2	4
35	Generalized dynamic games with durable strategies under uncertain planning horizon. Journal of Computational and Applied Mathematics, 2021, 395, 113595.	2.0	4
36	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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37	Strongly Time-consistent Solutions for Two-stage Network Games. Procedia Computer Science, 2014, 31, 255-264.	2.0	3
38	Existence of strong nash equilibrium in repeated and multistage games. , 2017, , .		3
39	On a Simplified Method of Defining Characteristic Function in Stochastic Games. Mathematics, 2020, 8, 1135.	2.2	3
40	Dynamic Cooperative Games onÂNetworks. Communications in Computer and Information Science, 2021, , 403-416.	0.5	3
41	Time consistency of the interval Shapley-like value in dynamic games. Journal of Intelligent and Fuzzy Systems, 2016, 30, 1965-1972.	1.4	2
42	Strong Strategic Support of Cooperation in Multistage Games. International Game Theory Review, 2019, 21, 1940004.	0.5	2
43	Cooperative Differential Games with Transferable Payoffs. , 2016, , 1-38.		2
44	The Core of Cooperative Differential Games on Networks. Lecture Notes in Computer Science, 2022, , 295-314.	1.3	2
45	Dynamic Shapley value for repeated network games with shock. , 2015, , .		1
46	Subgame Consistent Dormant Firm Cartel. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 295-321.	0.6	1
47	Subgame Consistent Economic Optimization Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 203-237.	0.6	1
48	Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , .	0.2	1
49	Two Level Cooperation inÂDynamic Network Games withÂPartner Sets. Lecture Notes in Computer Science, 2022, , 250-263.	1.3	1
50	Dynamic Strategic Interactions in Economic Systems. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 7-45.	0.6	0
51	Dynamic Consistency in Discrete-Time Cooperative Games. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 323-342.	0.6	0
52	Collaborative Environmental Management. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 147-175.	0.6	0
53	Discrete-Time Cooperative Games Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 343-365.	0.6	0
54	Dynamic Economic Optimization: Group Optimality and Individual Rationality. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 47-76.	0.6	0

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55	Dynamically Stable Dormant Firm Cartel. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 177-202.	0.6	0
56	Collaborative Environmental Management Under Uncertainty. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 271-293.	0.6	0
57	Time Consistency and Optimal-Trajectory-Subgame Consistent Economic Optimization. Static and Dynamic Game Theory: Foundations and Applications, 2012, , 77-110.	0.6	0
58	Collaborative Environmental Management. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2016, , 371-404.	0.2	0
59	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
60	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
61	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
62	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
63	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
64	Nontransferable Utility Cooperative Dynamic Games. , 2017, , 1-38.		0
65	S-strongly Time-Consistency in Differential Games. Static and Dynamic Game Theory: Foundations and Applications, 2018, , 203-217.	0.6	0
66	Strongly Time-Consistent Solutions in Cooperative Dynamic Games. Annals of the International Society of Dynamic Games, 2020, , 23-37.	0.3	0
67	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
68	Stochastic Durable-Strategies Dynamic Games. Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research, 2022, , 259-300.	0.2	0
69	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
70	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
71	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
72	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