

Leon A Petrosyan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

500
citations

12
h-index

20
g-index

85
ext. papers

588
ext. citations

1.1
avg, IF

4.51
L-index

#	Paper	IF	Citations
81	Eco-Degradation Management Under Durable Strategies: Efficiency Maximization and Sustainable Imputation. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 133-168		
80	Stochastic Durable-Strategies Dynamic Games. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 259-300		
79	Random Horizon Dynamic Games with Durable Strategies. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 169-214		
78	Durable-Strategies Dynamic Games: Theory and Solution Techniques. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 7-31		
77	Durable-Strategies Dynamic Games of Investments. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 33-69		
76	On Nash Equilibrium in Repeated Hierarchical Games. <i>Lecture Notes in Control and Information Sciences - Proceedings</i> , 2022 , 447-455	0.2	
75	Dynamic Environmental Games: Anthropogenic Eco-degradation under Strategies Lags. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 71-103		
74	Durable-Strategies Cooperative Dynamic Games. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 105-131		
73	Asynchronous Horizons Durable-Strategies Dynamic Games. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 2022 , 215-258		
72	Two Level Cooperation in Dynamic Network Games with Partner Sets. <i>Lecture Notes in Computer Science</i> , 2022 , 250-263	0.9	
71	The Core of Cooperative Differential Games on Networks. <i>Lecture Notes in Computer Science</i> , 2022 , 295-314		
70	Strong Time-Consistent Solution for Cooperative Differential Games with Network Structure. <i>Mathematics</i> , 2021 , 9, 755	2.3	2
69	Time-Consistent Solutions for Two-Stage Network Games with Pairwise Interactions. <i>Mobile Networks and Applications</i> , 2021 , 26, 491-500	2.9	4
68	Dynamic Cooperative Games on Networks. <i>Communications in Computer and Information Science</i> , 2021 , 403-416	0.3	2
67	Shapley value for differential network games: Theory and application. <i>Journal of Dynamics and Games</i> , 2021 , 8, 151	1.9	7
66	Generalized dynamic games with durable strategies under uncertain planning horizon. <i>Journal of Computational and Applied Mathematics</i> , 2021 , 395, 113595	2.4	3
65	Strongly Time-Consistent Solutions in Cooperative Dynamic Games. <i>Annals of the International Society of Dynamic Games</i> , 2020 , 23-37	0.2	

64	Construction of Dynamically Stable Solutions in Differential Network Games. <i>Lecture Notes in Control and Information Sciences - Proceedings</i> , 2020 , 51-61	0.2	5
63	Cooperative Dynamic Games with Durable Controls: Theory and Application. <i>Dynamic Games and Applications</i> , 2020 , 10, 872-896	1.1	8
62	On a Simplified Method of Defining Characteristic Function in Stochastic Games. <i>Mathematics</i> , 2020 , 8, 1135	2.3	3
61	Two-Level Cooperation in Network Games. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 71-81	0.2	
60	Cooperative Dynamic Games with Control Lags. <i>Dynamic Games and Applications</i> , 2019 , 9, 550-567	1.1	8
59	Strong Strategic Support of Cooperation in Multistage Games. <i>International Game Theory Review</i> , 2019 , 21, 1940004	0.2	2
58	About one multistage non-antagonistic network game. <i>Vestnik Sankt-Peterburgskogo Universiteta, Prikladnaya Matematika, Informatika, Protsessy Upravleniya</i> , 2019 , 15, 603-615	0.9	4
57	Equilibrium and Cooperation in Repeated Hierarchical Games. <i>Lecture Notes in Computer Science</i> , 2019 , 685-696	0.9	1
56	S-strongly Time-Consistency in Differential Games. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2018 , 203-217	0.2	
55	Nontransferable Utility Cooperative Dynamic Games 2018 , 633-670		4
54	Cooperative Differential Games with Transferable Payoffs 2018 , 595-632		4
53	Existence of strong nash equilibrium in repeated and multistage games 2017 ,		3
52	Convergence of strong time-consistent payment schemes in dynamic games. <i>Applied Mathematics and Computation</i> , 2017 , 315, 96-112	2.7	3
51	Cooperation in two-stage games on undirected networks. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 680-693	1	15
50	Nontransferable Utility Cooperative Dynamic Games 2017 , 1-38		
49	Time consistency of the interval Shapley-like value in dynamic games. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016 , 30, 1965-1972	1.6	1
48	The Subgame-Consistent Shapley Value for Dynamic Network Games with Shock. <i>Dynamic Games and Applications</i> , 2016 , 6, 520-537	1.1	9
47	Cooperative Differential Games with Transferable Payoffs 2016 , 1-38		1

- 46 Collaborative Environmental Management. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 371-404
- 45 Subgame Consistent Cooperative Solution in NTU Differential Games. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 135-161
- 44 Subgame Consistent Cooperative Solution in Differential Games. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 15-51
- 43 Subgame Consistency in NTU Cooperative Dynamic Games. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 285-317
- 42 Applications in Business Collaboration. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 439-494
- 41 Subgame Consistent Cooperative Solution in Dynamic Games. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 165-199
- 40 Subgame Consistent Cooperation in Stochastic Differential Games. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 53-84
- 39 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
- 38 A Cooperative Dynamic Environmental Game of Subgame Consistent Clean Technology Development. *International Game Theory Review*, **2016**, 18, 1640008 0.2 6
- 37 Strategically supported cooperation in dynamic games with coalition structures. *Science China Mathematics*, **2016**, 59, 1015-1028 0.8 6
- 36 Subgame Consistent Cooperation. *Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research*, **2016**, 18
- 35 Subgame consistent cooperative solution for NTU dynamic games via variable weights. *Automatica*, **2015**, 59, 84-89 5.7 9
- 34 Cooperative network design: A Nash bargaining solution approach. *Computer Networks*, **2015**, 83, 265-279 5.4 18
- 33 Dynamic Shapley value for repeated network games with shock **2015**, 1
- 32 Multistage network games with perfect information. *Automation and Remote Control*, **2014**, 75, 1532-1540 6 9
- 31 Strongly Time-consistent Solutions for Two-stage Network Games. *Procedia Computer Science*, **2014**, 31, 255-264 1.6 3
- 30 A TIME-CONSISTENT SOLUTION FORMULA FOR BARGAINING PROBLEM IN DIFFERENTIAL GAMES. *International Game Theory Review*, **2014**, 16, 1450016 0.2 5
- 29 SUBGAME CONSISTENT COOPERATIVE SOLUTIONS FOR RANDOMLY FURCATING STOCHASTIC DYNAMIC GAMES WITH UNCERTAIN HORIZON. *International Game Theory Review*, **2014**, 16, 1440012 0.2 5

28	Subgame Consistent Cooperative Provision of Public Goods Under Accumulation and Payoff Uncertainties. <i>Dynamic Modeling and Econometrics in Economics and Finance</i> , 2014 , 289-315		4
27	Subgame Consistent Cooperative Provision of Public Goods. <i>Dynamic Games and Applications</i> , 2013 , 3, 419-442	1.1	5
26	Transformation of Characteristic Function in Dynamic Games. <i>Journal of Systems Science and Information</i> , 2013 , 1, 22-37	0.3	3
25	Subgame-consistent cooperative solutions in randomly furcating stochastic dynamic games. <i>Mathematical and Computer Modelling</i> , 2013 , 57, 976-991		11
24	SUBGAME CONSISTENT SOLUTION FOR COOPERATIVE STOCHASTIC DYNAMIC GAMES WITH RANDOM HORIZON. <i>International Game Theory Review</i> , 2012 , 14, 1250012	0.2	2
23	Dynamic Strategic Interactions in Economic Systems. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 7-45	0.2	
22	Cost-Saving Joint Venture Under Uncertainty. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 239-270	0.2	
21	Subgame Consistent Dormant Firm Cartel. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 295-321	0.2	
20	Dynamic Consistency in Discrete-Time Cooperative Games. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 323-342	0.2	
19	Collaborative Environmental Management. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 147-175	0.2	
18	Discrete-Time Cooperative Games Under Uncertainty. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 343-365	0.2	
17	Subgame Consistent Economic Optimization Under Uncertainty. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 203-237	0.2	1
16	Dynamic Economic Optimization: Group Optimality and Individual Rationality. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 47-76	0.2	
15	Dynamically Stable Dormant Firm Cartel. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 177-202	0.2	
14	Collaborative Environmental Management Under Uncertainty. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 271-293	0.2	
13	Dynamically Stable Cost-Saving Joint Venture. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 111-146	0.2	
12	Time Consistency and Optimal-Trajectory-Subgame Consistent Economic Optimization. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 , 77-110	0.2	
11	Subgame Consistent Economic Optimization. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2012 ,	0.2	33

10	Subgame Consistent Cooperative Solution of Dynamic Games with Random Horizon. <i>Journal of Optimization Theory and Applications</i> , 2011 , 150, 78-97	1.6	15
9	A Nash Bargaining Solution for Cooperative Network Formation Games. <i>Lecture Notes in Computer Science</i> , 2011 , 307-318	0.9	15
8	Subgame Consistent Solutions for Cooperative Stochastic Dynamic Games. <i>Journal of Optimization Theory and Applications</i> , 2010 , 145, 579-596	1.6	28
7	A cooperative stochastic differential game of transboundary industrial pollution. <i>Automatica</i> , 2008 , 44, 1532-1544	5.7	57
6	Subgame-consistent cooperative solutions in randomly furcating stochastic differential games. <i>Mathematical and Computer Modelling</i> , 2007 , 45, 1294-1307		10
5	Subgame Consistent Solutions for a Class of Cooperative Stochastic Differential Games with Nontransferable Payoffs 2007 , 153-170		13
4	Dynamically stable corporate joint ventures. <i>Automatica</i> , 2006 , 42, 365-370	5.7	22
3	Subgame Consistent Solutions of a Cooperative Stochastic Differential Game with Nontransferable Payoffs. <i>Journal of Optimization Theory and Applications</i> , 2005 , 124, 701-724	1.6	40
2	Subgame Consistent Cooperative Solutions in Stochastic Differential Games. <i>Journal of Optimization Theory and Applications</i> , 2004 , 120, 651-666	1.6	66
1	Bargaining in Dynamic Games 2003 , 139-143		6