

Xianjia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,129
citations

331670

21
h-index

454955

30
g-index

78
all docs

78
docs citations

78
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	A new allocation rule for the housing market problem with ties. Journal of Combinatorial Optimization, 2022, 43, 98-115.	1.3	1
2	The rise and fall of cooperation in populations with multiple groups. Applied Mathematics and Computation, 2022, 413, 126624.	2.2	7
3	Evolutionary dynamics of cooperation in multi-game populations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 426, 127882.	2.1	10
4	Competition of punishment and reward among inequity-averse individuals in spatial public goods games. Chaos, Solitons and Fractals, 2022, 156, 111862.	5.1	7
5	Keeping or reversing social norms promote cooperation by enhancing indirect reciprocity. Chaos, Solitons and Fractals, 2022, 158, 111986.	5.1	8
6	Rational conformity behavior in social learning promotes cooperation in spatial public goods game. Applied Mathematics and Computation, 2022, 425, 127097.	2.2	7
7	Impact of reputation-based switching strategy between punishment and social exclusion on the evolution of cooperation in the spatial public goods game. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 073402.	2.3	7
8	Third-party reverse logistics provider selection: A computational semantic analysis-based multi-perspective multi-attribute decision-making approach. Expert Systems With Applications, 2021, 166, 114051.	7.6	97
9	Reputation-based discount effect in imitation on the evolution of cooperation in spatial public goods games. Physica A: Statistical Mechanics and Its Applications, 2021, 563, 125488.	2.6	37
10	A Dynamic Multi-Player Bargaining Game with Veto Players. Journal of Systems Science and Complexity, 2021, 34, 673-691.	2.8	5
11	Effects of synergy and discounting on cooperation in spatial public goods games. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 388, 127055.	2.1	7
12	Structural Heterogeneity and Evolutionary Dynamics on Complex Networks. Dynamic Games and Applications, 2021, 11, 612-629.	1.9	7
13	Environmental feedback and cooperation in climate change dilemma. Applied Mathematics and Computation, 2021, 397, 125963.	2.2	2
14	A Penalty Function Method for the Principal-Agent Problem with an Infinite Number of Incentive-Compatibility Constraints under Moral Hazard. Acta Mathematica Scientia, 2021, 41, 1749-1763.	1.0	2
15	K -means clustering for the aggregation of HFLTS possibility distributions: N -two-stage algorithmic paradigm. Knowledge-Based Systems, 2021, 227, 107230.	7.1	45
16	Comparison of social exclusion and punishment in promoting cooperation: Who should play the leading role?. Chaos, Solitons and Fractals, 2021, 151, 111229.	5.1	23
17	The rise and fall of donation behavior through reputation. Chaos, Solitons and Fractals, 2021, 152, 111405.	5.1	3
18	Effect of reputation-based heterogeneous investment on cooperation in spatial public goods game. Chaos, Solitons and Fractals, 2021, 152, 111353.	5.1	27

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19	RISK PREDICTION AND DIAGNOSIS OF WATER SEEPAGE IN OPERATIONAL SHIELD TUNNELS BASED ON RANDOM FOREST. <i>Journal of Civil Engineering and Management</i> , 2021, 27, 539-552.	3.5	28
20	The average abundance function with mutation of the multi-player snowdrift evolutionary game model. <i>Acta Mathematica Scientia</i> , 2021, 41, 127-163.	1.0	2
21	Reputation-based conditional compassion promotes cooperation in spatial public goods games. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 113405.	2.3	5
22	Information fusion based on reputation and payoff promotes cooperation in spatial public goods game. <i>Applied Mathematics and Computation</i> , 2020, 368, 124805.	2.2	19
23	Reputation evaluation with tolerance and reputation-dependent imitation on cooperation in spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2020, 131, 109517.	5.1	30
24	Fuzzy programming method for multi-objective optimal allocation of sediment resources and the cooperative bargaining: a case study in Weishan irrigation area, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7071-7086.	5.3	2
25	Social exclusion with dynamic cost on the evolution of cooperation in spatial public goods games. <i>Applied Mathematics and Computation</i> , 2020, 372, 124994.	2.2	18
26	The evolution of cooperation within the multigame environment based on the Particle Swarm Optimization algorithm. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126165.	2.1	8
27	Bid evaluation in civil construction under uncertainty: A two-stage LSP-ELECTRE III-based approach. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 94, 103835.	8.1	28
28	Optimal Tag-Based Cooperation Control for the "Prisoner's Dilemma". <i>Complexity</i> , 2020, 2020, 1-19.	1.6	1
29	Evolutionary dynamics in spatial threshold public goods game with the asymmetric return rate mechanism. <i>Chaos, Solitons and Fractals</i> , 2020, 136, 109819.	5.1	3
30	Multi-objective model and decision-making method for coordinating the ecological benefits of the Three Gorges Reservoir. <i>Journal of Cleaner Production</i> , 2020, 270, 122066.	9.3	28
31	The impact of heterogeneous investments on the evolution of cooperation in public goods game with exclusion. <i>Applied Mathematics and Computation</i> , 2020, 372, 124960.	2.2	2
32	Evidential reasoning based on imitation and aspiration information in strategy learning promotes cooperation in optional spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2020, 133, 109634.	5.1	14
33	Evolutionary game dynamics of Moran process with fuzzy payoffs and its application. <i>Applied Mathematics and Computation</i> , 2020, 378, 125227.	2.2	11
34	How to evaluate one's behavior toward "bad" individuals? Exploring good social norms in promoting cooperation in spatial public goods games. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 093405.	2.3	7
35	Multi-objective optimal allocation of sediment resources based on the subjective trade-off rate method. <i>Journal of Cleaner Production</i> , 2019, 234, 1059-1071.	9.3	7
36	The effect of increasing returns to scale in public goods investment on threshold values of cooperation under social exclusion mechanism. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 532, 121866.	2.6	17

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37	Evolutionary game dynamics of combining the imitation and aspiration-driven update rules. <i>Physical Review E</i> , 2019, 100, 022411.	2.1	22
38	Benefits of asynchronous exclusion for the evolution of cooperation in stochastic evolutionary optional public goods games. <i>Scientific Reports</i> , 2019, 9, 8208.	3.3	21
39	The public goods game with shared punishment cost in well-mixed and structured populations. <i>Journal of Theoretical Biology</i> , 2019, 476, 36-43.	1.7	10
40	The roles of particle swarm intelligence in the prisoner's dilemma based on continuous and mixed strategy systems on scale-free networks. <i>Applied Mathematics and Computation</i> , 2019, 355, 213-220.	2.2	14
41	The impact of heterogeneous scale return coefficient between groups on the emergence of cooperation in spatial public goods game. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 043402.	2.3	6
42	Dynamic scale return coefficient with environmental feedback promotes cooperation in spatial public goods game. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 103405.	2.3	2
43	The evolution of cooperation in spatial public goods game with conditional peer exclusion. <i>Chaos</i> , 2019, 29, 103137.	2.5	38
44	Stochastic dynamics and stable equilibrium of evolutionary optional public goods game in finite populations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 502, 123-134.	2.6	21
45	Spatial public goods game with continuous contributions based on Particle Swarm Optimization learning and the evolution of cooperation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 505, 973-983.	2.6	27
46	A Dynamic Bargaining Game with Externalities. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 1591-1602.	2.8	5
47	Continuous spatial public goods game with self and peer punishment based on particle swarm optimization. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 1721-1730.	2.1	28
48	The evolution of cooperation in the Prisoner's Dilemma and the Snowdrift game based on Particle Swarm Optimization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 286-295.	2.6	23
49	Competitive strategy in remanufacturing and the effects of government subsidy. <i>Journal of Systems Science and Systems Engineering</i> , 2017, 26, 417-432.	1.6	24
50	Stochastic evolutionary voluntary public goods game with punishment in a Quasi-birth-and-death process. <i>Scientific Reports</i> , 2017, 7, 16110.	3.3	34
51	Mechanism design of reverse auction on concession period and generalized quality for PPP projects. <i>Frontiers of Engineering Management</i> , 2017, 4, 156.	6.1	1
52	The therapist assignment problem in home healthcare structures. <i>Expert Systems With Applications</i> , 2016, 62, 44-62.	7.6	25
53	Evolutionary dynamics on one-dimensional cycle with shifting mechanism and tiny mutation rate. <i>Acta Mathematica Scientia</i> , 2015, 35, 95-104.	1.0	1
54	A fuzzy multi-objective model for provider selection in data communication services with different QoS levels. <i>International Journal of Production Economics</i> , 2014, 147, 689-696.	8.9	18

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55	A new class of infeasible interior-point algorithm for linear complementarity problem. Wuhan University Journal of Natural Sciences, 2013, 18, 247-253.	0.4	0
56	A fuzzy multi-objective model for capacity allocation and pricing policy of provider in data communication service with different QoS levels. International Journal of Systems Science, 2012, 43, 1054-1063.	5.5	11
57	Research on steel industry's capacity competitiveness based on Gini coefficient & AHP. , 2011, , .		0
58	Power coal transportation and storage: A programming analysis of road and rail options. Wuhan University Journal of Natural Sciences, 2011, 16, 469-474.	0.4	2
59	Design of optimal double auction mechanism with multi-objectives. Expert Systems With Applications, 2011, 38, 13749-13749.	7.6	7
60	Applying particle swarm optimization in multiobjective optimization and hybrid optimization. , 2010, , .		1
61	An information fusion method based on game theory. , 2010, , .		8
62	A fuzzy interactive decision making algorithm for bilevel multi-followers programming with partial shared variables among followers. Expert Systems With Applications, 2009, 36, 10471-10474.	7.6	20
63	An improved particle swarm optimization algorithm for optimal power flow. , 2009, , .		10
64	A Novel Double Auction Mechanism Based Resource Allocation in the Grid. , 2009, , .		1
65	Genetic algorithm based on simplex method for solving linear-quadratic bilevel programming problem. Computers and Mathematics With Applications, 2008, 56, 2550-2555.	2.7	64
66	A New Discrete Traffic Network Design Problem with Evolutionary Game Algorithm. , 2008, , .		2
67	One Multi-Attribute Logistics Exchange Model Based on Reverse E-Auction: Simulation from Market of Fresh Agricultural Products. , 2008, , .		1
68	A globally convergent algorithm for a class of bilevel nonlinear programming problem. Applied Mathematics and Computation, 2007, 188, 166-172.	2.2	29
69	An adaptive genetic algorithm for solving bilevel linear programming problem. Applied Mathematics and Mechanics (English Edition), 2007, 28, 1605-1612.	3.6	33
70	Genetic algorithm for solving quadratic bilevel programming problem. Wuhan University Journal of Natural Sciences, 2007, 12, 421-425.	0.4	3
71	The Extensive Game Model of Electric Power Transaction between Generator and Large Customer. , 2006, , .		1
72	ASYMPTOTIC APPROXIMATION METHOD AND ITS CONVERGENCE ON SEMI-INFINITE PROGRAMMING. Acta Mathematica Scientia, 2006, 26, 17-24.	1.0	2

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73	DISRUPTION MANAGEMENT FOR SUPPLY CHAIN COORDINATION WITH EXPONENTIAL DEMAND FUNCTION. Acta Mathematica Scientia, 2006, 26, 655-669.	1.0	60
74	A combined homotopy interior point method for the linear complementarity problem. Applied Mathematics and Computation, 2006, 179, 696-701.	2.2	14
75	A research of deposit insurance mechanism overcoming moral hazard. , 2005, , .		0
76	SUBJECTIVE TRADE-OFF RATE METHOD OF MULTIOBJECTIVE DECISION-MAKING. Acta Mathematica Scientia, 1996, 16, 432-441.	1.0	2
77	Multi-agent based supply chain modeling and bidding. , 0, , .		4
78	Performance optimization of supply chain based on cooperative contract with disappointment-aversion strategic consumers. Flexible Services and Manufacturing Journal, 0, , 1.	3.4	2