

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	Third-party reverse logistics provider selection: A computational semantic analysis-based multi-perspective multi-attribute decision-making approach. <i>Expert Systems With Applications</i> , 2021, 166, 114051.	7.6	97
2	Genetic algorithm based on simplex method for solving linear-quadratic bilevel programming problem. <i>Computers and Mathematics With Applications</i> , 2008, 56, 2550-2555.	2.7	64
3	DISRUPTION MANAGEMENT FOR SUPPLY CHAIN COORDINATION WITH EXPONENTIAL DEMAND FUNCTION. <i>Acta Mathematica Scientia</i> , 2006, 26, 655-669.	1.0	60
4	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} \text{ id}=\text{"d1e1665"} \text{ altimg}=\text{"si2.svg"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -means clustering for the aggregation of HFLTS possibility distributions: $\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} \text{ id}=\text{"d1e1670"} \text{ altimg}=\text{"si148.svg"} \rangle \langle \text{mml:mi} \text{ mathvariant}=\text{"script"} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -two-stage algorithmic paradigm. <i>Knowledge-Based Systems</i> , 2021, 227, 107230.	7.1	45
5	The evolution of cooperation in spatial public goods game with conditional peer exclusion. <i>Chaos</i> , 2019, 29, 103137.	2.5	38
6	Reputation-based discount effect in imitation on the evolution of cooperation in spatial public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 563, 125488.	2.6	37
7	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
8	An adaptive genetic algorithm for solving bilevel linear programming problem. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2007, 28, 1605-1612.	3.6	33
9	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
10	A globally convergent algorithm for a class of bilevel nonlinear programming problem. <i>Applied Mathematics and Computation</i> , 2007, 188, 166-172.	2.2	29
11	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
12	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
13	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
14	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
15	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
16	Effect of reputation-based heterogeneous investment on cooperation in spatial public goods game. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111353.	5.1	27
17	The therapist assignment problem in home healthcare structures. <i>Expert Systems With Applications</i> , 2016, 62, 44-62.	7.6	25
18	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

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19	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
20	Comparison of social exclusion and punishment in promoting cooperation: Who should play the leading role?. <i>Chaos, Solitons and Fractals</i> , 2021, 151, 111229.	5.1	23
21	Evolutionary game dynamics of combining the imitation and aspiration-driven update rules. <i>Physical Review E</i> , 2019, 100, 022411.	2.1	22
22	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
23	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
24	A fuzzy interactive decision making algorithm for bilevel multi-followers programming with partial shared variables among followers. <i>Expert Systems With Applications</i> , 2009, 36, 10471-10474.	7.6	20
25	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
26	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
27	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
28	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
29	A combined homotopy interior point method for the linear complementarity problem. <i>Applied Mathematics and Computation</i> , 2006, 179, 696-701.	2.2	14
30	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
31	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
32	A fuzzy multi-objective model for capacity allocation and pricing policy of provider in data communication service with different QoS levels. <i>International Journal of Systems Science</i> , 2012, 43, 1054-1063.	5.5	11
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	An improved particle swarm optimization algorithm for optimal power flow. , 2009, , .		10
35	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
36	Evolutionary dynamics of cooperation in multi-game populations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 426, 127882.	2.1	10

#	ARTICLE	IF	CITATIONS
37	An information fusion method based on game theory. , 2010, , .		8
38	The evolution of cooperation within the multigame environment based on the Particle Swarm Optimization algorithm. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126165.	2.1	8
39	Keeping or reversing social norms promote cooperation by enhancing indirect reciprocity. Chaos, Solitons and Fractals, 2022, 158, 111986.	5.1	8
40	Design of optimal double auction mechanism with multi-objectives. Expert Systems With Applications, 2011, 38, 13749-13749.	7.6	7
41	Multi-objective optimal allocation of sediment resources based on the subjective trade-off rate method. Journal of Cleaner Production, 2019, 234, 1059-1071.	9.3	7
42	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
43	Structural Heterogeneity and Evolutionary Dynamics on Complex Networks. Dynamic Games and Applications, 2021, 11, 612-629.	1.9	7
44	The rise and fall of cooperation in populations with multiple groups. Applied Mathematics and Computation, 2022, 413, 126624.	2.2	7
45	How to evaluate one's behavior toward "bad" individuals? Exploring good social norms in promoting cooperation in spatial public goods games. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 093405.	2.3	7
46	Competition of punishment and reward among inequity-averse individuals in spatial public goods games. Chaos, Solitons and Fractals, 2022, 156, 111862.	5.1	7
47	Rational conformity behavior in social learning promotes cooperation in spatial public goods game. Applied Mathematics and Computation, 2022, 425, 127097.	2.2	7
48	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
49	The impact of heterogeneous scale return coefficient between groups on the emergence of cooperation in spatial public goods game. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 043402.	2.3	6
50	A Dynamic Bargaining Game with Externalities. Journal of Systems Science and Complexity, 2018, 31, 1591-1602.	2.8	5
51	A Dynamic Multi-Player Bargaining Game with Veto Players. Journal of Systems Science and Complexity, 2021, 34, 673-691.	2.8	5
52	Reputation-based conditional compassion promotes cooperation in spatial public goods games. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 113405.	2.3	5
53	Multi-agent based supply chain modeling and bidding. , 0, , .		4
54	Genetic algorithm for solving quadratic bilevel programming problem. Wuhan University Journal of Natural Sciences, 2007, 12, 421-425.	0.4	3

#	ARTICLE	IF	CITATIONS
55	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
56	The rise and fall of donation behavior through reputation. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111405.	5.1	3
57	SUBJECTIVE TRADE-OFF RATE METHOD OF MULTIOBJECTIVE DECISION-MAKING. <i>Acta Mathematica Scientia</i> , 1996, 16, 432-441.	1.0	2
58	ASYMPTOTIC APPROXIMATION METHOD AND ITS CONVERGENCE ON SEMI-INFINITE PROGRAMMING. <i>Acta Mathematica Scientia</i> , 2006, 26, 17-24.	1.0	2
59	A New Discrete Traffic Network Design Problem with Evolutionary Game Algorithm. , 2008, , .		2
60	Power coal transportation and storage: A programming analysis of road and rail options. <i>Wuhan University Journal of Natural Sciences</i> , 2011, 16, 469-474.	0.4	2
61	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
62	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
63	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
64	Environmental feedback and cooperation in climate change dilemma. <i>Applied Mathematics and Computation</i> , 2021, 397, 125963.	2.2	2
65	Performance optimization of supply chain based on cooperative contract with disappointment-aversion strategic consumers. <i>Flexible Services and Manufacturing Journal</i> , 0, , 1.	3.4	2
66	A Penalty Function Method for the Principal-Agent Problem with an Infinite Number of Incentive-Compatibility Constraints under Moral Hazard. <i>Acta Mathematica Scientia</i> , 2021, 41, 1749-1763.	1.0	2
67	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
68	The Extensive Game Model of Electric Power Transaction between Generator and Large Customer. , 2006, , .		1
69	One Multi-Attribute Logistics Exchange Model Based on Reverse E-Auction: Simulation from Market of Fresh Agricultural Products. , 2008, , .		1
70	A Novel Double Auction Mechanism Based Resource Allocation in the Grid. , 2009, , .		1
71	Applying particle swarm optimization in multiobjective optimization and hybrid optimization. , 2010, , .		1
72	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

#	ARTICLE	IF	CITATIONS
73	Optimal Tag-Based Cooperation Control for the "Prisoner's Dilemma" Complexity, 2020, 2020, 1-19.	1.6	1
74	A new allocation rule for the housing market problem with ties. Journal of Combinatorial Optimization, 2022, 43, 98-115.	1.3	1
75	Mechanism design of reverse auction on concession period and generalized quality for PPP projects. Frontiers of Engineering Management, 2017, 4, 156.	6.1	1
76	A research of deposit insurance mechanism overcoming moral hazard. , 2005, , .		0
77	Research on steel industry's capacity competitiveness based on Gini coefficient & AHP. , 2011, , .		0
78	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