

Jun Tanimoto

List of Publications by Year in descending order

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236
papers

6,540
citations

57631

44
h-index

85405

71
g-index

244
all docs

244
docs citations

244
times ranked

2502
citing authors

#	ARTICLE	IF	CITATIONS
1	A microscopic traffic flow model for sharing information from a vehicle to vehicle by considering system time delay effect. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 585, 126437.	1.2	19
2	Underlying social dilemmas in mixed traffic flow with lane changes. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111790.	2.5	6
3	COMPUTATIONAL FLUID DYNAMICS FOR CROSS-VENTILATED AIRFLOW IN AN URBAN BUILDING. <i>Journal of Environmental Engineering (Japan)</i> , 2022, 87, 19-28.	0.1	0
4	EFFECT OF MOMENTUM PROVISION IN COMPUTATIONAL FLUID DYNAMICS ON TURBULENT STATISTICS IN URBAN BOUNDARY LAYER. <i>Journal of Environmental Engineering (Japan)</i> , 2022, 87, 145-156.	0.1	1
5	Seasonal variation of residential cooling use behaviour derived from energy demand data and stochastic building energy simulation. <i>Journal of Building Engineering</i> , 2022, 49, 104067.	1.6	6
6	Effects of void nodes on epidemic spreads in networks. <i>Scientific Reports</i> , 2022, 12, 3957.	1.6	2
7	A study on prosocial behavior of wearing a mask and self-quarantining to prevent the spread of diseases underpinned by evolutionary game theory. <i>Chaos, Solitons and Fractals</i> , 2022, 158, 112030.	2.5	14
8	How and to what extent does the anti-social behavior of violating self-quarantine measures increase the spread of disease?. <i>Chaos, Solitons and Fractals</i> , 2022, 159, 112178.	2.5	6
9	Investigating the efficiency of dynamic vaccination by consolidating detecting errors and vaccine efficacy. <i>Scientific Reports</i> , 2022, 12, 8111.	1.6	4
10	Does a resource-storing mechanism favor “the wealthy do not fight”? An approach from evolutionary game theory. <i>Chaos, Solitons and Fractals</i> , 2022, 160, 112207.	2.5	2
11	Stochasticity of disease spreading derived from the microscopic simulation approach for various physical contact networks. <i>Applied Mathematics and Computation</i> , 2022, 431, 127328.	1.4	6
12	Investigating the trade-off between self-quarantine and forced quarantine provisions to control an epidemic: An evolutionary approach. <i>Applied Mathematics and Computation</i> , 2022, 432, 127365.	1.4	6
13	The role of pairwise nonlinear evolutionary dynamics in the rock–paper–scissors game with noise. <i>Applied Mathematics and Computation</i> , 2021, 394, 125767.	1.4	21
14	The existence of fence-sitters relaxes the spatial prisoner’s dilemma and enhances network reciprocity. <i>Applied Mathematics and Computation</i> , 2021, 390, 125624.	1.4	3
15	Analysis of individual strategies for artificial and natural immunity with imperfectness and durability of protection. <i>Journal of Theoretical Biology</i> , 2021, 509, 110531.	0.8	12
16	Hypothetical assessment of efficiency, willingness-to-accept and willingness-to-pay for dengue vaccine and treatment: a contingent valuation survey in Bangladesh. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 773-784.	1.4	7
17	Fundamentals of Mathematical Epidemiology and the Vaccination Game. <i>Evolutionary Economics and Social Complexity Science</i> , 2021, , 61-106.	0.4	0
18	Improved Car-Following Model Considering Modified Backward Optimal Velocity and Velocity Difference with Backward-Looking Effect. <i>Journal of Applied Mathematics and Physics</i> , 2021, 09, 242-259.	0.2	16

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19	Quarantine and Isolation. <i>Evolutionary Economics and Social Complexity Science</i> , 2021, , 131-152.	0.4	0
20	Pair approximation model for the vaccination game: predicting the dynamic process of epidemic spread and individual actions against contagion. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200769.	1.0	8
21	A co-evolutionary model combined mixed-strategy and network adaptation by severing disassortative neighbors promotes cooperation in prisoner's dilemma games. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110603.	2.5	8
22	Abrupt epidemic outbreak could be well tackled by multiple pre-emptive provisions-A game approach considering structured and unstructured populations. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110584.	2.5	5
23	An evolutionary game modeling to assess the effect of border enforcement measures and socio-economic cost: Export-importation epidemic dynamics. <i>Chaos, Solitons and Fractals</i> , 2021, 146, 110918.	2.5	19
24	Prosocial behavior of wearing a mask during an epidemic: an evolutionary explanation. <i>Scientific Reports</i> , 2021, 11, 12621.	1.6	51
25	Imitation and aspiration dynamics bring different evolutionary outcomes in feedback-evolving games. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, .	1.0	5
26	Free ticket, discount ticket or intermediate of the best of two worlds " Which subsidy policy is socially optimal to suppress the disease spreading?. <i>Journal of Theoretical Biology</i> , 2021, 520, 110682.	0.8	13
27	The "backward-looking" effect in the continuum model considering a new backward equilibrium velocity function. <i>Nonlinear Dynamics</i> , 2021, 106, 2061-2072.	2.7	19
28	Proposal of an apposite strategy-updating rule for the vaccination game where hubs refer to hubs and lower-degree agents refer to lower-degree agents.. <i>BioSystems</i> , 2021, 209, 104532.	0.9	3
29	A cyclic epidemic vaccination model: Embedding the attitude of individuals toward vaccination into SVIS dynamics through social interactions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 581, 126230.	1.2	5
30	Immunity Waning Effect. <i>Evolutionary Economics and Social Complexity Science</i> , 2021, , 171-190.	0.4	0
31	Evolutionary Game Theory: Fundamentals and Applications for Epidemiology. <i>Evolutionary Economics and Social Complexity Science</i> , 2021, , 13-60.	0.4	1
32	A Social-Physics Approach to Modeling and Analyzing Epidemics. <i>Evolutionary Economics and Social Complexity Science</i> , 2021, , 1-11.	0.4	3
33	Study on <i>Spirulina platensis</i> growth employing non-linear analysis of biomass kinetic models. <i>Heliyon</i> , 2021, 7, e08185.	1.4	8
34	Impact of the baseline payoff on evolutionary outcomes. <i>Physical Review E</i> , 2021, 104, 044314.	0.8	1
35	A simplified numerical model for evaporative cooling by water spray over roof surfaces. <i>Applied Thermal Engineering</i> , 2020, 165, 114514.	3.0	21
36	Is subsidizing vaccination with hub agent priority policy really meaningful to suppress disease spreading?. <i>Journal of Theoretical Biology</i> , 2020, 486, 110059.	0.8	14

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37	The impact of information spreading on epidemic vaccination game dynamics in a heterogeneous complex network- A theoretical approach. <i>Chaos, Solitons and Fractals</i> , 2020, 132, 109548.	2.5	54
38	Evolutionary dynamics of a 3-strategy game: Cooperator, defector and costly cooperative loner strategic types. <i>Applied Mathematics and Computation</i> , 2020, 370, 124889.	1.4	8
39	Evolutionary game theory modelling to represent the behavioural dynamics of economic shutdowns and shield immunity in the COVID-19 pandemic. <i>Royal Society Open Science</i> , 2020, 7, 201095.	1.1	72
40	Cost-efficiency analysis of voluntary vaccination against n-serovar diseases using antibody-dependent enhancement: A game approach. <i>Journal of Theoretical Biology</i> , 2020, 503, 110379.	0.8	18
41	The role of advanced and late provisions in a co-evolutionary epidemic game model for assessing the social triple-dilemma aspect. <i>Journal of Theoretical Biology</i> , 2020, 503, 110399.	0.8	8
42	Social efficiency deficit deciphers social dilemmas. <i>Scientific Reports</i> , 2020, 10, 16092.	1.6	90
43	Dynamic utility: the sixth reciprocity mechanism for the evolution of cooperation. <i>Royal Society Open Science</i> , 2020, 7, 200891.	1.1	13
44	Evolution of cooperation in social dilemmas under the coexistence of aspiration and imitation mechanisms. <i>Physical Review E</i> , 2020, 102, 032120.	0.8	28
45	Automated vehicle control systems need to solve social dilemmas to be disseminated. <i>Chaos, Solitons and Fractals</i> , 2020, 138, 109861.	2.5	19
46	How does conformity promote the enhancement of cooperation in the network reciprocity in spatial prisoner's dilemma games?. <i>Chaos, Solitons and Fractals</i> , 2020, 138, 109997.	2.5	7
47	Based on mathematical epidemiology and evolutionary game theory, which is more effective: quarantine or isolation policy?. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 033502.	0.9	50
48	A mean-field vaccination game scheme to analyze the effect of a single vaccination strategy on a two-strain epidemic spreading. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 033501.	0.9	25
49	Vaccinating behaviour guided by imitation and aspiration. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200327.	1.0	10
50	A stochastic Pairwise Fermi rule modified by utilizing the average in payoff differences of neighbors leads to increased network reciprocity in spatial prisoner's dilemma games. <i>Applied Mathematics and Computation</i> , 2019, 361, 661-669.	1.4	24
51	Statistical analysis of air conditioning peak loads of multiple dwellings. <i>E3S Web of Conferences</i> , 2019, 111, 04057.	0.2	1
52	Evolutionary vaccination game approach in metapopulation migration model with information spreading on different graphs. <i>Chaos, Solitons and Fractals</i> , 2019, 120, 41-55.	2.5	48
53	Analysis of epidemic outbreaks in two-layer networks with different structures for information spreading and disease diffusion. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 72, 565-574.	1.7	66
54	A game theoretic approach to discuss the positive secondary effect of vaccination scheme in an infinite and well-mixed population. <i>Chaos, Solitons and Fractals</i> , 2019, 125, 201-213.	2.5	38

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55	Dynamical behaviors for vaccination can suppress infectious disease – A game theoretical approach. Chaos, Solitons and Fractals, 2019, 123, 229-239.	2.5	46
56	Vaccination strategies in a two-layer SIR/Va€“UA epidemic model with costly information and buzz effect. Communications in Nonlinear Science and Numerical Simulation, 2019, 76, 92-108.	1.7	41
57	Improvement of traffic flux with introduction of a new lane-change protocol supported by Intelligent Traffic System. Chaos, Solitons and Fractals, 2019, 122, 1-5.	2.5	25
58	To vaccinate or not to vaccinate: A comprehensive study of vaccination-subsidizing policies with multi-agent simulations and mean-field modeling. Journal of Theoretical Biology, 2019, 469, 107-126.	0.8	52
59	Effect of information spreading to suppress the disease contagion on the epidemic vaccination game. Chaos, Solitons and Fractals, 2019, 119, 180-187.	2.5	67
60	Modelling and analysing the coexistence of dual dilemmas in the proactive vaccination game and retroactive treatment game in epidemic viral dynamics. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190484.	1.0	35
61	Interplay between cost and effectiveness in influenza vaccine uptake: a vaccination game approach. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190608.	1.0	43
62	Behavioral incentives in a vaccination-dilemma setting with optional treatment. Physical Review E, 2019, 100, 062402.	0.8	36
63	Analysis of SIR epidemic model with information spreading of awareness. Chaos, Solitons and Fractals, 2019, 119, 118-125.	2.5	143
64	Three-strategy and four-strategy model of vaccination game introducing an intermediate protecting measure. Applied Mathematics and Computation, 2019, 346, 408-422.	1.4	50
65	Which is more effective for suppressing an infectious disease: imperfect vaccination or defense against contagion?. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 023407.	0.9	69
66	Complex traffic flow that allows as well as hampers lane-changing intrinsically contains social-dilemma structures. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 023408.	0.9	21
67	Effect of noise-perturbing intermediate defense measures in voluntary vaccination games. Chaos, Solitons and Fractals, 2018, 106, 337-341.	2.5	32
68	Sanctions triggered by jealousy help promote the cooperation in spatial prisoner's dilemma games. Chaos, Solitons and Fractals, 2018, 110, 239-243.	2.5	3
69	Realistic decision-making processes in a vaccination game. Physica A: Statistical Mechanics and Its Applications, 2018, 494, 236-241.	1.2	48
70	Scaling the phase-planes of social dilemma strengths shows game-class changes in the five rules governing the evolution of cooperation. Royal Society Open Science, 2018, 5, 181085.	1.1	167
71	Impact of imperfect vaccination and defense against contagion on vaccination behavior in complex networks. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 113402.	0.9	39
72	Influence of bolstering network reciprocity in the evolutionary spatial Prisonerâ€™s Dilemma game: a perspective. European Physical Journal B, 2018, 91, 1.	0.6	57

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73	Evolutionary Game Theory. Evolutionary Economics and Social Complexity Science, 2018, , 11-103.	0.4	0
74	Social Dilemma Analysis for Modeling Traffic Flow. Evolutionary Economics and Social Complexity Science, 2018, , 105-154.	0.4	0
75	Velocity and scalar concentrations with low occurrence frequencies within urban canopy regions in a neutrally stable shear flow over simplified urban arrays. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 182, 286-294.	1.7	21
76	Coupled Simulations of Indoor-Outdoor Flow Fields for Cross-Ventilation of a Building in a Simplified Urban Array. Atmosphere, 2018, 9, 217.	1.0	14
77	Various error settings bring different noise-driven effects on network reciprocity in spatial prisoner's dilemma. Chaos, Solitons and Fractals, 2018, 114, 338-346.	2.5	32
78	Social Dilemma Analysis of the Spread of Infectious Disease. Evolutionary Economics and Social Complexity Science, 2018, , 155-216.	0.4	5
79	A prediction model for wind speed ratios at pedestrian level with simplified urban canopies. Theoretical and Applied Climatology, 2017, 127, 655-665.	1.3	31
80	How does resolution of strategy affect network reciprocity in spatial prisoner's dilemma games?. Applied Mathematics and Computation, 2017, 301, 36-42.	1.4	12
81	Coevolution of discrete, mixed, and continuous strategy systems boosts in the spatial prisoner's dilemma and chicken games. Applied Mathematics and Computation, 2017, 304, 20-27.	1.4	13
82	Properties of a new small-world network with spatially biased random shortcuts. Physica A: Statistical Mechanics and Its Applications, 2017, 486, 408-415.	1.2	6
83	Evaluation of rare velocity at a pedestrian level due to turbulence in a neutrally stable shear flow over simplified urban arrays. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 171, 137-147.	1.7	35
84	Does information of how good or bad your neighbors are enhance cooperation in spatial Prisoner's games?. Chaos, Solitons and Fractals, 2017, 103, 184-193.	2.5	2
85	A STUDY ON ACCURACY OF PARTICLE IMAGE VELOCIMETRY IN A WIND TUNNEL SIMULATING AIRFLOW AROUND BUILDING SCALE MODEL. AIJ Journal of Technology and Design, 2017, 23, 567-572.	0.1	0
86	Statistical Analysis of Wind Speeds at a Pedestrian Level of Urban-like Roughness. Journal of Wind Engineering, 2017, 42, 1-8.	0.3	2
87	Effect of Turbulent Flows Generated by Simplified Roughness Blocks on Instantaneous Wall Pressure Based on Large-Eddy Simulation. Journal of Wind Engineering, 2017, 42, 22-35.	0.3	0
88	A social dilemma structure in diffusible public goods. Europhysics Letters, 2016, 116, 38005.	0.7	7
89	Social dilemma structure hidden behind traffic flow with route selection. Physica A: Statistical Mechanics and Its Applications, 2016, 459, 92-99.	1.2	31
90	A multi-community homogeneous small-world network and its fundamental characteristics. Physica A: Statistical Mechanics and Its Applications, 2016, 460, 88-97.	1.2	3

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91	Effects of stubborn decision-makers on vaccination and disease propagation in social networks. International Journal of Automation and Logistics, 2016, 2, 78.	0.2	39
92	Effect of intermediate defense measures in voluntary vaccination games. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 093501.	0.9	23
93	Spatial prisoner's dilemma games with zealous cooperators. Physical Review E, 2016, 94, 022114.	0.8	31
94	Enhancement of cooperation in the spatial prisoner's dilemma with a coherence-resonance effect through annealed randomness at a cooperator-defector boundary; comparison of two variant models. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 714-724.	1.2	5
95	Field measurement analysis to validate lane-changing behavior in a cellular automaton model. Physical Review E, 2016, 94, 052209.	0.8	8
96	WIND TUNNEL EXPERIMENT ON TURBULENT FLOW FIELD AROUND 2D STREET CANYON WITH EAVES. Journal of Environmental Engineering (Japan), 2016, 81, 467-476.	0.1	4
97	ESTIMATION OF WIND SPEED IN URBAN PEDESTRIAN SPACES ON THE BASIS OF LARGE-EDDY SIMULATION. Journal of Environmental Engineering (Japan), 2015, 80, 259-267.	0.1	6
98	SIMILARITY BETWEEN VELOCITY AND SCALAR PROFILES OVER CUBICAL BLOCK ARRAY. Journal of Environmental Engineering (Japan), 2015, 80, 451-459.	0.1	0
99	Dynamic noise from action errors enhances network reciprocity in the prisoner's dilemma game. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P01033.	0.9	14
100	Influence of breaking the symmetry between disease transmission and information propagation networks on stepwise decisions concerning vaccination. Chaos, Solitons and Fractals, 2015, 80, 47-55.	2.5	51
101	Pandemic Analysis and Evolutionary Games. Evolutionary Economics and Social Complexity Science, 2015, , 183-211.	0.4	1
102	Acquisition of the field measurement data relating to lane change actions. International Journal of Modern Physics C, 2015, 26, 1550072.	0.8	4
103	How the indirect reciprocity with co-evolving norm and strategy for 2. $\langle \sigma_i^2 \rangle$ display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ia="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/c	1.2	8
104	The impact of initial cooperation fraction on the evolutionary fate in a spatial prisoner's dilemma game. Applied Mathematics and Computation, 2015, 263, 171-188.	1.4	17
105	Network reciprocity created in prisoner's dilemma games by coupling two mechanisms. Physical Review E, 2015, 91, 042106.	0.8	15
106	Considering individual satisfaction levels enhances cooperation in a spatial prisoner's dilemma game. Chaos, Solitons and Fractals, 2015, 80, 24-30.	2.5	3
107	Correlated asynchronous behavior updating with a mixed strategy system in spatial prisoner's dilemma games enhances cooperation. Chaos, Solitons and Fractals, 2015, 80, 39-46.	2.5	11
108	Universal scaling for the dilemma strength in evolutionary games. Physics of Life Reviews, 2015, 14, 1-30.	1.5	426

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109	Spatial reciprocity for discrete, continuous and mixed strategy setups. Applied Mathematics and Computation, 2015, 259, 552-568.	1.4	34
110	Network Reciprocity. Evolutionary Economics and Social Complexity Science, 2015, , 69-141.	0.4	0
111	Traffic Flow Analysis Dovetailed with Evolutionary Game Theory. Evolutionary Economics and Social Complexity Science, 2015, , 159-182.	0.4	5
112	Fundamental Theory for Evolutionary Games. Evolutionary Economics and Social Complexity Science, 2015, , 7-67.	0.4	1
113	Fundamentals of Evolutionary Game Theory and its Applications. Evolutionary Economics and Social Complexity Science, 2015, , .	0.4	115
114	Dilemma strength as a framework for advancing evolutionary game theory. Physics of Life Reviews, 2015, 14, 56-58.	1.5	26
115	Wind-Tunnel Study of Scalar Transfer Phenomena for Surfaces of Block Arrays and Smooth Walls with Dry Patches. Boundary-Layer Meteorology, 2015, 157, 219-236.	1.2	7
116	Humanâ€“Environmentâ€“Social System and Evolutionary Game Theory. Evolutionary Economics and Social Complexity Science, 2015, , 1-5.	0.4	2
117	Large Strategy Adaptation Neighborhood Bolsters Network Reciprocity in Prisonerâ€™s Dilemma Games. Proceedings in Adaptation, Learning and Optimization, 2015, , 597-609.	1.5	0
118	Dynamics of spatial traveler's dilemma games. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P11010.	0.9	2
119	Dangerous drivers foster social dilemma structures hidden behind a traffic flow with lane changes. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P11027.	0.9	27
120	Social dilemma structures hidden behind traffic flow with lane changes. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P07019.	0.9	21
121	Simultaneously selecting appropriate partners for gaming and strategy adaptation to enhance network reciprocity in the prisoner's dilemma. Physical Review E, 2014, 89, 012106.	0.8	26
122	Impact of deterministic and stochastic updates on network reciprocity in the prisoner's dilemma game. Physical Review E, 2014, 90, 022105.	0.8	22
123	Risk assessment for infectious disease and its impact on voluntary vaccination behavior in social networks. Chaos, Solitons and Fractals, 2014, 68, 1-9.	2.5	94
124	A CONSIDERATION ON THE EFFECTS OF DRAG FORCE ACTING ON ROUGHNESS ELEMENT. Journal of Environmental Engineering (Japan), 2014, 79, 297-304.	0.1	1
125	MODELLING OF CANOPY FLOW OF THE VARIOUS ROUGHNESS ARRAYS. Journal of Environmental Engineering (Japan), 2014, 79, 699-707.	0.1	1
126	Assortative and dissortative priorities for game interaction and strategy adaptation significantly bolster network reciprocity in the prisonerâ€™s dilemma. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P05003.	0.9	4

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127	Effect of a large gaming neighborhood and a strategy adaptation neighborhood for bolstering network reciprocity in a prisoner's dilemma game. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P12024.	0.9	31
128	Traffic Flow Simulation Dovetailed with Evolutionary Game Theory. , 2014, , .		1
129	Mathematical Analysis of Environmental System. , 2014, , .		11
130	Combination of continuous and binary strategies enhances network reciprocity in a spatial prisoner's dilemma game. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 83-90.	2.5	9
131	Willingness to pay for improvements in environmental performance of residential buildings. <i>Building and Environment</i> , 2013, 60, 225-233.	3.0	31
132	The evolution of fairness in the coevolutionary ultimatum games. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 13-18.	2.5	25
133	Coevolutionary, coexisting learning and teaching agents model for prisoner's dilemma games enhancing cooperation with assortative heterogeneous networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2955-2964.	1.2	27
134	Analysis of airflow over building arrays for assessment of urban wind environment. <i>Building and Environment</i> , 2013, 59, 56-65.	3.0	170
135	Total utility demand prediction for multi-dwelling sites by a bottom-up approach considering variations of inhabitants' behaviour schedules. <i>Journal of Building Performance Simulation</i> , 2013, 6, 53-64.	1.0	11
136	Influence of stochastic perturbation of both action updating and strategy updating in mixed-strategy 2A–2 games on evolution of cooperation. <i>Physical Review E</i> , 2013, 88, 062149.	0.8	6
137	Insight into the so-called spatial reciprocity. <i>Physical Review E</i> , 2013, 88, 042145.	0.8	204
138	Difference of reciprocity effect in two coevolutionary models of presumed two-player and multiplayer games. <i>Physical Review E</i> , 2013, 87, 062136.	0.8	58
139	Direct Reciprocity in Spatial Populations Enhances R-Reciprocity As Well As ST-Reciprocity. <i>PLoS ONE</i> , 2013, 8, e71961.	1.1	17
140	Effect of Initial Fraction of Cooperators on Cooperative Behavior in Evolutionary Prisoner's Dilemma Game. <i>PLoS ONE</i> , 2013, 8, e76942.	1.1	51
141	Referring to the social performance promotes cooperation in spatial prisoner's dilemma games. <i>Physical Review E</i> , 2012, 86, 031141.	0.8	101
142	State transition stochastic model for predicting cooling schedule in dwellings as implemented using a multilayered artificial neural network. <i>Journal of Building Performance Simulation</i> , 2012, 5, 45-53.	1.0	8
143	Network reciprocity by coexisting learning and teaching strategies. <i>Physical Review E</i> , 2012, 85, 032101.	0.8	94
144	Does copy-resistance enhance cooperation in spatial prisoner's dilemma?. <i>Europhysics Letters</i> , 2012, 98, 40008.	0.7	17

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145	QUESTIONNAIRE SURVEY ON PREFERENCE OF ENVIRONMENTAL FACTORS OF RESIDENTIAL BUILDINGS. Journal of Environmental Engineering (Japan), 2012, 77, 523-531.	0.1	0
146	A STUDY ON THE SIMILARITY OF THE MOMENTUM AND SCALAR ROUGHNESS LENGTHS OVER URBAN-LIKE ROUGHNESS. Journal of Environmental Engineering (Japan), 2012, 77, 917-923.	0.1	0
147	Network reciprocity on spatial prisoner's dilemma games by Continuous-binary strategy. , 2012, , .		0
148	Geometric Dependence of the Scalar Transfer Efficiency over Rough Surfaces. Boundary-Layer Meteorology, 2012, 143, 357-377.	1.2	15
149	Effect of urban vegetation on outdoor thermal environment: Field measurement at a scale model site. Building and Environment, 2012, 56, 38-46.	3.0	140
150	How is the equilibrium of continuous strategy game different from that of discrete strategy game?. BioSystems, 2012, 107, 88-94.	0.9	41
151	Experimental study of wind-induced ventilation in urban building of cube arrays with various layouts. Journal of Wind Engineering and Industrial Aerodynamics, 2012, 103, 31-40.	1.7	42
152	Spatially correlated heterogeneous aspirations to enhance network reciprocity. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 680-685.	1.2	32
153	RESEARCH ON SOCIAL VALUE MEASUREMENT OF GLOBAL WARMING AND HEAT ISLAND COUNTERMEASURES APPLIED CONJOINT ANALYSIS. Journal of Environmental Engineering (Japan), 2011, 76, 211-219.	0.1	0
154	TOTAL UTILITY DEMAND PREDICTION CONSIDERING VARIATION OF OCCUPANTS' BEHAVIOR SCHEDULES APPLIED TO MULTI DWELLINGS. Journal of Environmental Engineering (Japan), 2011, 76, 141-149.	0.1	1
155	WIND TUNNEL EXPERIMENT ON EFFECT OF SHAPE OF AN OBSTACLE ON TOTAL DRAG FORCE OF REGULAR ARRAY. Journal of Environmental Engineering (Japan), 2011, 76, 485-492.	0.1	0
156	EFFECTS ON BULK SCALAR COEFFICIENT OF WIND ANGLE, DEVELOPMENT OF SCALAR BOUNDARY LAYER, AND FLOW FIELD NEAR ROUGHNESS. Journal of Environmental Engineering (Japan), 2011, 76, 67-73.	0.1	1
157	OPTIMIZATION OF MODEL COEFFICIENTS FOR DIFFERENT CONFIGURATIONS AND DENSITIES OF CAR MOLDS. Journal of Environmental Engineering (Japan), 2011, 76, 831-837.	0.1	1
158	LARGE-EDDY SIMULATION ON SCALAR TRANSFER PHENOMENA BETWEEN URBAN SURFACE AND ATMOSPHERE. Journal of Environmental Engineering (Japan), 2011, 76, 943-951.	0.1	2
159	Aerodynamic Parameters of Urban Building Arrays with Random Geometries. Boundary-Layer Meteorology, 2011, 138, 99-120.	1.2	77
160	An analysis of network reciprocity in Prisoner's Dilemma games using Full Factorial Designs of Experiment. BioSystems, 2011, 103, 85-92.	0.9	47
161	Reciprocity phase in various 2A-2 games by agents equipped with two-memory length strategy encouraged by grouping for interaction and adaptation. BioSystems, 2011, 103, 93-104.	0.9	18
162	A new Cellular Automata Model including a decelerating damping effect to reproduce Kerner's three-phase theory. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 561-568.	1.2	60

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163	Social Diffusive Impact Analysis Based on Evolutionary Computations for a Novel Car Navigation System Sharing Individual Information in Urban Traffic Systems. <i>Journal of Navigation</i> , 2011, 64, 711-725.	1.0	11
164	A STUDY OF A QUADRUPLE CO-EVOLUTIONARY MODEL AND ITS RECIPROCITY PHASE FOR VARIOUS PRISONER'S DILEMMA GAME. <i>International Journal of Modern Physics C</i> , 2011, 22, 401-417.	0.8	12
165	ANALYSIS OF THE INFLUENCE OF LANE CHANGING ON TRAFFIC-FLOW DYNAMICS BASED ON THE CELLULAR AUTOMATON MODEL. <i>International Journal of Modern Physics C</i> , 2011, 22, 271-281.	0.8	34
166	A REVISED STOCHASTIC OPTIMAL VELOCITY MODEL CONSIDERING THE VELOCITY GAP WITH A PRECEDING VEHICLE. <i>International Journal of Modern Physics C</i> , 2011, 22, 1005-1014.	0.8	4
167	INVESTIGATION ON TURBULENT CHARACTERISTICS WITHIN URBAN CANOPY LAYER BASED ON OUTDOOR EXPERIMENT USING FINE WIRE THERMOCOUPLES. <i>Journal of Environmental Engineering (Japan)</i> , 2010, 75, 877-883.	0.1	0
168	The effect of assortativity by degree on emerging cooperation in a dilemma game played on an evolutionary network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 3325-3335.	1.2	19
169	Dilemma game structure hidden in traffic flow at a bottleneck due to a 2 into 1 lane junction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 5353-5361.	1.2	58
170	Study of bottleneck effect at an emergency evacuation exit using cellular automata model, mean field approximation analysis, and game theory. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 5611-5618.	1.2	119
171	Does game participation cost affect the advantage of heterogeneous networks for evolving cooperation?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 2284-2289.	1.2	15
172	What controls network reciprocity in the Prisoner's Dilemma game?. <i>BioSystems</i> , 2010, 102, 82-87.	0.9	42
173	Total utility demand prediction system for dwellings based on stochastic processes of actual inhabitants. <i>Journal of Building Performance Simulation</i> , 2010, 3, 155-167.	1.0	23
174	Dilemma game structure observed in traffic flow at a 2-to-1 lane junction. <i>Physical Review E</i> , 2009, 79, 036104.	0.8	48
175	Promotion of cooperation through co-evolution of networks and strategy in a 2 2 game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 953-960.	1.2	60
176	Aerodynamic Parameters of Regular Arrays of Rectangular Blocks with Various Geometries. <i>Boundary-Layer Meteorology</i> , 2009, 132, 315-337.	1.2	156
177	A simple scaling of the effectiveness of supporting mutual cooperation in donor-recipient games by various reciprocity mechanisms. <i>BioSystems</i> , 2009, 96, 29-34.	0.9	29
178	Estimation of passive cooling efficiency for environmental design in Brazil. <i>Energy and Buildings</i> , 2009, 41, 809-813.	3.1	14
179	The effect of assortative mixing on emerging cooperation in an evolutionary network game. , 2009, , .		1
180	TOTAL UTILITY DEMAND PREDICTION CONSIDERING VARIATION OF OCCUPANTS' BEHAVIOR SCHEDULES. <i>Journal of Environmental Engineering (Japan)</i> , 2009, 74, 579-586.	0.1	1

#	ARTICLE	IF	CITATIONS
181	A STUDY ON THE BOTTLENECK EFFECT OBSERVED IN AN EMERGENCY EVACUATION EXIT EMPLOYED BY MULTI-AGENT SIMULATION AND MEAN-FIELD APPROXIMATION ANALYSIS. Journal of Environmental Engineering (Japan), 2009, 74, 753-757.	0.1	1
182	A STOCHASTIC MODEL TO PREDICT OFF/ON COOLING SCHEDULE IN DWELLINGS APPLIED BY MULTILAYERED NEURAL NETWORK. Journal of Environmental Engineering (Japan), 2009, 74, 937-942.	0.1	2
183	What initially brought about communications?. BioSystems, 2008, 92, 82-90.	0.9	9
184	A methodology for peak energy requirement considering actual variation of occupantsâ€™ behavior schedules. Building and Environment, 2008, 43, 610-619.	3.0	71
185	Validation of probabilistic methodology for generating actual inhabitantsâ€™ behavior schedules for accurate prediction of maximum energy requirements. Energy and Buildings, 2008, 40, 316-322.	3.1	37
186	Co-evolution model of networks and strategy in a 2 × 2 game emerges cooperation. , 2008, , .		2
187	Validation of methodology for utility demand prediction considering actual variations in inhabitant behaviour schedules. Journal of Building Performance Simulation, 2008, 1, 31-42.	1.0	26
188	A RESEARCH ON THE UNIVERSAL MODEL OF ENVIRONMENTAL DILEMMA GAME BASED ON 2Ã—2 GAME CONSTRAINED WITH THE EXOGENOUS RESOURCE RESTRICTION. Journal of Environmental Engineering (Japan), 2008, 73, 831-838.	0.1	0
189	WIND TUNNEL EXPERIMENT ON BULK SCALAR COEFFICIENT OF URBAN-LIKE ROUGHNESS. Journal of Environmental Engineering (Japan), 2008, 73, 1225-1231.	0.1	2
190	FIELD MEASUREMENT ON DISTRIBUTION OF CONVECTIVE HEAT TRANSFER COEFFICIENT WITHIN A REAL-SCALE URBAN CANOPY. Journal of Environmental Engineering (Japan), 2008, 73, 511-518.	0.1	5
191	A study on social diffusive impacts of a novel car-navigation-system sharing individual information in Urban traffic systems. , 2007, , .		1
192	Promotion of cooperation by payoff noise in a 2Ã—2 game. Physical Review E, 2007, 76, 041130.	0.8	66
193	Dilemma solving by the coevolution of networks and strategy in a 2×2 game. Physical Review E, 2007, 76, 021126.	0.8	103
194	A STUDY ON MULTI-AGENT SIMULATION MODEL FOR TRANSIENT DYNAMICS AND DISTRIBUTION OF THE POPULATION IN AN URBAN AREA. AIJ Journal of Technology and Design, 2007, 13, 845-848.	0.1	2
195	Emergence of cooperation supported by communication in a one-shot 2 × 2 game. , 2007, , .		2
196	Field experiment on transpiration from isolated urban plants. Hydrological Processes, 2007, 21, 1217-1222.	1.1	62
197	Relationship between dilemma occurrence and the existence of a weakly dominant strategy in a two-player symmetric game. BioSystems, 2007, 90, 105-114.	0.9	314
198	Differences in dynamics between discrete strategies and continuous strategies in a multi-player game with a linear payoff structure. BioSystems, 2007, 90, 568-572.	0.9	12

#	ARTICLE	IF	CITATIONS
199	A study on emergence of alternating reciprocity in a 2 \times 2 game with 2-length memory strategy. BioSystems, 2007, 90, 728-737.	0.9	63
200	A study of indirect reciprocity involving a reputation system or a simple tag system in a one-shot, multi-player game. BioSystems, 2007, 90, 856-869.	0.9	8
201	Evaluation of coupled outdoor and indoor thermal comfort environment and anthropogenic heat. Building and Environment, 2007, 42, 1018-1025.	3.0	24
202	Does a tag system effectively support emerging cooperation?. Journal of Theoretical Biology, 2007, 247, 756-764.	0.8	33
203	WIND TUNNEL EXPERIMENT ON DRAG FORCE COEFFICIENT OF REGULAR ARAYED RECTANGULAR BLOCKS WITH DIFFERENT HEIGHTS. Journal of Environmental Engineering (Japan), 2007, 72, 39-45.	0.1	9
204	Evaluating the Impact of Solar Radiation on Outdoor Thermal Comfort by the Development and Validation of a Simple Urban Climatic Model. , 2006, , 515.		1
205	A RESEARCH ON THE UNIVERSAL MODEL OF ENVIRONMENTAL DILEMMA GAME BASED ON 2 \times 2 GAME CONSTRAINED WITH THE EXOGENOUS RESOURCE RESTRICTION. Journal of Environmental Engineering (Japan), 2006, 71, 107-112.	0.1	2
206	Environmental dilemma game to establish a sustainable society dealing with an emergent value system. Physica D: Nonlinear Phenomena, 2005, 200, 1-24.	1.3	21
207	State transition probability for the Markov Model dealing with on/off cooling schedule in dwellings. Energy and Buildings, 2005, 37, 181-187.	3.1	59
208	Investigations of urban surface conditions for urban canopy model. Building and Environment, 2005, 40, 1638-1650.	3.0	10
209	Intercomparisons of Experimental Convective Heat Transfer Coefficients and Mass Transfer Coefficients of Urban Surfaces. Boundary-Layer Meteorology, 2005, 117, 551-576.	1.2	51
210	A STUDY ON FUNDAMENTAL STRUCTURES OF SOCIAL DILEMMA GAME IN VIEW OF PRACTICAL APPLICATION FOR THE ENVIRONMENTAL PROBLEMS. Journal of Environmental Engineering (Japan), 2005, 70, 135-140.	0.1	1
211	A STUDY ON STRUCTURES OF ENVIRONMENTAL PROBLEMS REGARDING AS THE N-PERSON'S SOCIAL DILEMMA GAME. Journal of Environmental Engineering (Japan), 2005, 70, 101-107.	0.1	0
212	Review of the former researches on the convective heat transfer coefficient of urban surfaces. Suimon Mizu Shigen Gakkaishi, 2004, 17, 536-554.	0.1	15
213	An approach for coupled simulation of building thermal effects and urban climatology. Energy and Buildings, 2004, 36, 781-793.	3.1	40
214	Integration of building simulation and agent simulation for exploration to environmentally symbiotic architecture. Building and Environment, 2004, 39, 885-893.	3.0	15
215	A computer system to support Albedo Calculation in urban areas. Building and Environment, 2004, 39, 1213-1221.	3.0	34
216	BASIC INVESTIGATION FOR QUANTIFICATION OF THE EFFECT OF ENVIRONMENTAL QUALITY ON PREFERENCE OF DETACHED HOUSING. Journal of Environmental Engineering (Japan), 2004, 69, 53-59.	0.1	3

#	ARTICLE	IF	CITATIONS
217	CAN WE HAVE A SUSTAINABLE SOCIETY IN OUR FUTURE?. Journal of Environmental Engineering (Japan), 2004, 69, 87-94.	0.1	3
218	AN ESSAY IN ESTABLISHING THE MODEL OF HUMAN-ENVIRONMENT-SOCIETY SYSTEM BASED ON THE MULTU AGENT SIMULATION. Journal of Environmental Engineering (Japan), 2004, 69, 91-97.	0.1	2
219	A RESIDENTS ESTIMATION BY USING CONJOINT ANALYSIS ON FOR AN AIRPORT CONSTRUCTION PROJECT WITH ENVIRONMENTAL LOAD : A study on public investment to construction investment from the human-environment-social system point of view. Journal of Environmental Engineering (Japan), 2004, 69, 63-69.	0.1	1
220	A DEDUCTIVE NOTE BASED ON THE GAME THEORY REGARDING THE COLLUSIVE TENDERING AS SOCIAL CONFLICT : A mathematical model for the collusive tendering Part 3. Journal of Environmental Engineering (Japan), 2004, 69, 93-97.	0.1	1
221	Field measurements for estimating the convective heat transfer coefficient at building surfaces. Building and Environment, 2003, 38, 873-881.	3.0	150
222	A study on diffusional characteristics of information on a human network analyzed by a Multi-Agent simulator. Social Science Journal, 2003, 40, 479-485.	0.9	10
223	Exploration in Complex Systems for Environmentally Symbiotic and Sustainable Society. Journal of Asian Architecture and Building Engineering, 2003, 2, 107-113.	1.2	3
224	A MATHEMATICAL MODEL FOR THE COLLUSIVE TENDERING : Studies on the Human-Environment-Society System based on the Complexity Theory. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2003, 68, 379-386.	0.1	1
225	DIFFERENCE OF THE EMERGRNT MECHNIZM DUE TO THE GIVEN INFORMATION : A mathematical model for the collusive tendering Part 2. Journal of Environmental Engineering (Japan), 2003, 68, 83-87.	0.1	1
226	A DEVELOPMENT OF MULTI-CRITERIA DECISION-MAKING METHOD, MCDM, AND THE ASSOCIATED COMPUTER AIDED DECISION-MAKING TOOL, MCDM-23, FOR OPTIMIZATION OF LOW ENERGY DESIGN PROCESS. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2002, 67, 131-136.	0.1	2
227	AGENT-BASED SIMULATION OF BEHAVIOR OF AN ACADEMIC SOCIETY AS A SOCIAL SYSTEM. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2002, 67, 189-196.	0.1	2
228	A STUDY ON UPS-AND-DOWNS PROSPECT OF ACADEMIC SOCIETY BASED ON COMPLEXITY MODEL : A trial study focussing on the research organization, personnel system and its efficiency in universities. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2002, 67, 299-306.	0.1	1
229	THOUGHT EXPERIMENTS ON GENERATION OF THE ACTION REGARDED AS INTENTIONAL. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2001, 66, 149-155.	0.1	1
230	EXPERIMENTAL STUDY ON THE VALIDITY OF URBAN CANOPY MODEL IN AND ABOVE THE CANOPY LAYER. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2001, 66, 31-36.	0.1	3
231	AN ORGANIC ANALYSIS FOR QUANTITATIVE ESTIMATION OF HEAT ISLAND BY THE REVISED ARCHITECTURE-URBAN-SOIL-SIMULTANEOUS SIMULATION MODEL, AUSSSM : Part 1 Theoretical frame of the model and results of standard solution. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 2001, 66, 79-86.	0.1	11
232	LONG-TERM FIELD MEASUREMENT ON HEAT TRANSFER COEFFICIENT AND HEAT BALANCE ON GRASSLAND SURFACE. Aij Journal of Technology and Design, 2000, 6, 155-159.	0.1	1
233	QUANTITATIVE ANALYSIS ON FACTORS OF SIGNIFICANT AIR TEMPERATURE RISING IN URBAN AREAS BY ARCHITECTURE-URBAN-SOIL SIMULTANEOUS SIMULATION MODEL : Part1 Methodology for evaluation and fundamental solution. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 1998, 63, 87-93.	0.1	1
234	QUANTITATIVE ANALYSIS ON FACTORS OF SIGNIFICANT AIR TEMPERATURE RISING IN URBAN AREAS BY ARCHITECTURE-URBAN-SOIL SIMULTANEOUS SIMULATION MODEL : Part 2 Analysis on significant factors by a series of numerical experiments. Nihon Kenchiku Gakkai Keikakukei Ronbunshu, 1998, 63, 53-60.	0.1	1

#	ARTICLE	IF	CITATIONS
235	Simulation study on an air flow window system with an integrated roll screen. Energy and Buildings, 1997, 26, 317-325.	3.1	55
236	Numerical simulation of air flow in an urban area with regularly aligned blocks. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 67-68, 281-291.	1.7	12