Theanh Anh Han

List of Publications by Year
in descending order

70 papers	1,124 citations	394286 19 h-index	454834 30 g-index
85 all docs	85 docs citations	85 times ranked	400 citing authors

#	Article	IF	Citations
1	Trusting Intelligent Machines: Deepening Trust Within Socio-Technical Systems. IEEE Technology and Society Magazine, 2018, 37, 76-83.	0.6	77
2	Good Agreements Make Good Friends. Scientific Reports, 2013, 3, 2695.	1.6	53
3	Avoiding or restricting defectors in public goods games?. Journal of the Royal Society Interface, 2015, 12, 20141203.	1.5	51
4	Evolution of commitment and level of participation in public goods games. Autonomous Agents and Multi-Agent Systems, 2017, 31, 561-583.	1.3	50
5	On equilibrium properties of evolutionary multi-player games with random payoff matrices. Theoretical Population Biology, 2012, 81, 264-272.	0.5	45
6	Apology and forgiveness evolve to resolve failures in cooperative agreements. Scientific Reports, 2015, 5, 10639.	1.6	43
7	State-of-the-art of intention recognition and its use in decision making. AI Communications, 2013, 26, 237-246.	0.8	41
8	Corpus-Based Intention Recognition in Cooperation Dilemmas. Artificial Life, 2012, 18, 365-383.	1.0	38
9	Synergy between intention recognition and commitments in cooperation dilemmas. Scientific Reports, 2015, 5, 9312.	1.6	33
10	When to (or not to) trust intelligent machines: Insights from an evolutionary game theory analysis of trust in repeated games. Cognitive Systems Research, 2021, 68, 111-124.	1.9	33
11	Evolution Prospection. Studies in Computational Intelligence, 2009, , 51-63.	0.7	33
12	A synergy of costly punishment and commitment in cooperation dilemmas. Adaptive Behavior, 2016, 24, 237-248.	1.1	29
13	Generosity motivated by acceptanceâ€‰-â€‰evolutionary analysis of an anticipation game. Scientific Reports, 2016, 5, 18076.	1.6	29
14	Cost-effective external interference for promoting the evolution of cooperation. Scientific Reports, 2018, 8, 15997.	1.6	29
15	Moral Reasoning under Uncertainty. Lecture Notes in Computer Science, 2012, , 212-227.	1.0	25
16	Cost efficiency of institutional incentives for promoting cooperation in finite populations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20210568.	1.0	25
17	Cost-efficient interventions for promoting fairness in the ultimatum game. Knowledge-Based Systems, 2021, 233, 107545.	4.0	22
18	Institutional incentives for the evolution of committed cooperation: ensuring participation is as important as enhancing compliance. Journal of the Royal Society Interface, 2022, 19, 20220036.	1.5	21

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19	Intention Recognition via Causal Bayes Networks Plus Plan Generation. Lecture Notes in Computer Science, 2009, , 138-149.	1.0	20
20	When agreement-accepting free-riders are a necessary evil for the evolution of cooperation. Scientific Reports, 2017, 7, 2478.	1.6	19
21	Analysis of the expected density of internal equilibria in random evolutionary multi-player multi-strategy games. Journal of Mathematical Biology, 2016, 73, 1727-1760.	0.8	18
22	On Equilibrium Properties of the Replicatorâ€"Mutator Equation in Deterministic and Random Games. Dynamic Games and Applications, 2020, 10, 641-663.	1.1	18
23	Mediating artificial intelligence developments through negative and positive incentives. PLoS ONE, 2021, 16, e0244592.	1.1	18
24	To Regulate or Not: A Social Dynamics Analysis of an Idealised AI Race. Journal of Artificial Intelligence Research, 0, 69, 881-921.	7.0	18
25	Intention Recognition with Evolution Prospection and Causal Bayes Networks. , 2011, , 1-33.		17
26	Intention Recognition, Commitment and Their Roles in the Evolution of Cooperation. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2013, , .	0.2	17
27	Evolution prospection in decision making. Intelligent Decision Technologies, 2009, 3, 157-171.	0.6	16
28	Intention recognition, commitment and the evolution of cooperation. , 2012, , .		14
29	Elder Care via Intention Recognition and Evolution Prospection. Lecture Notes in Computer Science, 2011, , 170-187.	1.0	14
30	Voluntary safety commitments provide an escape from over-regulation in AI development. Technology in Society, 2022, 68, 101843.	4.8	14
31	Fostering Cooperation in Structured Populations Through Local and Global Interference Strategies. , 2018, , .		13
32	The evolution of moral rules in a model of indirect reciprocity with private assessment. Scientific Reports, 2021, 11, 23581.	1.6	11
33	Context-dependent incremental decision making scrutinizing the intentions of others via Bayesian network model construction. Intelligent Decision Technologies, 2013, 7, 293-317.	0.6	10
34	Emergence of cooperation via intention recognition, commitment and apologyÂâ€" AÂresearch summary. AI Communications, 2015, 28, 709-715.	0.8	10
35	On the Expected Number of Equilibria in a Multi-player Multi-strategy Evolutionary Game. Dynamic Games and Applications, 2016, 6, 324-346.	1.1	10
36	On the distribution of the number of internal equilibria in random evolutionary games. Journal of Mathematical Biology, 2019, 78, 331-371.	0.8	10

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37	Evolution of honest signaling by social punishment. , 2014, , .		9
38	Modelling and Influencing the AI Bidding War. , 2019, , .		9
39	Exogenous Rewards for Promoting Cooperation in Scale-Free Networks. , 2019, , .		9
40	Artificial intelligence development races in heterogeneous settings. Scientific Reports, 2022, 12, 1723.	1.6	9
41	Evolution of coordination in pairwise and multi-player interactions via prior commitments. Adaptive Behavior, 2022, 30, 257-277.	1.1	8
42	Statistics of the number of equilibria in random social dilemma evolutionary games with mutation. European Physical Journal B, 2021, 94, 1.	0.6	8
43	Pleasing Enhances Indirect Reciprocity-Based Cooperation Under Private Assessment. Artificial Life, 2022, 27, 246-276.	1.0	8
44	Intention-Based Decision Making via Intention Recognition and its Applications. , 2013, , 174-211.		5
45	Intention Recognition, Commitment and the Evolution of Cooperation. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2013, , 123-132.	0.2	4
46	Complex Systems of Mindful Entities: On Intention Recognition and Commitment. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2014, , 499-525.	0.2	4
47	On the Expected Number of Internal Equilibria in Random Evolutionary Games with Correlated Payoff Matrix. Dynamic Games and Applications, 2019, 9, 458-485.	1.1	4
48	Putting oneself in everybody's shoes - Pleasing enables indirect reciprocity under private assessments. , 2020, , .		4
49	How Group Cohesion Promotes the Emergence of Cooperation in Public Goods Game Under Conditional Dissociation. Jasss, 2019, 22, .	1.0	4
50	Evolution of cooperation and trust in an N-player social dilemma game with tags for migration decisions. Royal Society Open Science, 2022, 9, 212000.	1.1	4
51	Evolutionary stability of honest signaling in finite populations. , 2013, , .		3
52	Employing AI to Better Understand Our Morals. Entropy, 2022, 24, 10.	1.1	3
53	Making an Example: Signalling Threat in the Evolution of Cooperation. , 2020, , .		2
54	Repeated Interaction and Its Impact on Cooperation and Surplus Allocation—An Experimental Analysis. Games, 2021, 12, 25.	0.4	2

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55	Towards unified characterization of cooperation mechanisms. Physics of Life Reviews, 2015, 14, 45-46.	1.5	1
56	Pathways to Good Healthcare Services and Patient Satisfaction: An Evolutionary Game Theoretical Approach. , 2019, , .		0
57	Emergence of Coordination with Asymmetric Benefits via Prior Commitment. , 2019, , .		0
58	A Regulation Dilemma in Artificial Intelligence Development. , 2021, , .		0
59	Evolutionary Machine Ethics. , 2018, , 1-25.		0
60	On the Expected Number and Distribution of Equilibria in Multi-player Evolutionary Games. , 2019, , .		0
61	Promoting Cooperation through External Interference. , 2019, , .		0
62	On the Expected Number and Distribution of Equilibria in Multi-player Evolutionary Games. , 2019, , .		0
63	Evolutionary Machine Ethics. , 2019, , 229-253.		0
64	Exogenous Rewards for Promoting Cooperation in Scale-Free Networks. , 2019, , .		0
65	Emergence of Coordination with Asymmetric Benefits via Prior Commitment. , 2019, , .		0
66	Promoting Cooperation through External Interference. , 2019, , .		0
67	Pathways to Good Healthcare Services and Patient Satisfaction: An Evolutionary Game Theoretical Approach. , 2019, , .		0
68	Using Automated State Space Planning for Effective Management of Visual Information and Learnerâ€™s Attention in Virtual Reality. Advances in Intelligent Systems and Computing, 2020, , 24-40.	0.5	0
69	The effect of mutation on equilibrium properties of deterministic and random evolutionary games. , 2020, , .		0
70	Toward Understanding the Interplay between Public and Private Healthcare Providers and Patients: An Agent-based Simulation Approach. EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2020, 7, 166668.	1.5	0