Dave Cliff

List of Publications by Year
in descending order

55	1,689	567247	395678
papers	citations	15	33
		h-index	g-index

58	58	58	804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Narrative Economics of the Racetrack: An Agent-Based Model of Opinion Dynamics in In-play Betting on a Sports Betting Exchange. , 2022, , .		2
2	Exploring Coevolutionary Dynamics Between Infinitely Diverse Heterogenous Adaptive Automated Trading Agents. Springer Proceedings in Complexity, 2022, , 93-104.	0.3	2
3	Time Matters: Exploring the Effects of Urgency and Reaction Speed in Automated Traders. Lecture Notes in Computer Science, 2021, , 149-170.	1.3	0
4	Exploring Narrative Economics: An Agent-based-modeling Platform that Integrates Automated Traders with Opinion Dynamics. , 2021, , .		5
5	Market Impact in Trader-agents: Adding Multi-level Order-flow Imbalance-sensitivity to Automated Trading Systems. , 2021, , .		2
6	Automated Creation of a High-Performing Algorithmic Trader via Deep Learning on Level-2 Limit Order Book Data. , 2020, , .		1
7	Methods Matter: A Trading Agent with No Intelligence Routinely Outperforms AI-Based Traders. , 2020, , .		5
8	Adaptive-Aggressive Traders Donâ€™t Dominate. Lecture Notes in Computer Science, 2019, , 246-269.	1.3	8
9	Exhaustive Testing of Trader-agents in Realistically Dynamic Continuous Double Auction Markets: AA Does Not Dominate. , 2019, , .		6
10	Automated Composition of Picture-Synched Music Soundtracks for Movies. , 2019, , .		1
11	Deep Learning can Replicate Adaptive Traders in a Limit-Order-Book Financial Market. , 2018, , .		10
12	Using Stock Prices as Ground Truth in Sentiment Analysis to Generate Profitable Trading Signals. , 2018, , .		2
13	An Open-Source Limit-Order-Book Exchange for Teaching and Research. , 2018, , .		8
14	Modelling Complex Financial Markets Using Real-Time Humanâ€"Agent Trading Experiments. Springer Proceedings in Complexity, 2018, , 35-69.	0.3	4
15	The Relative Disagreement Model of Opinion Dynamics: Where Do Extremists Come From?. Lecture Notes in Computer Science, 2014, , 66-77.	1.3	7
16	Behavioural Investigations of Financial Trading Agents Using Exchange Portal (ExPo). Lecture Notes in Computer Science, 2014, , 22-45.	1.3	9
17	Contributory provision point contracts â€" a risk-free mechanism for hedging cloud energy costs. Journal of Cloud Computing: Advances, Systems and Applications, 2013, 2, 10.	3.9	4
18	Sensomax: An agent-based middleware for decentralized dynamic data-gathering in wireless sensor networks. , 2013, , .		17

#	Article	IF	Citations
19	Multi-agent Support for Multiple Concurrent Applications and Dynamic Data-Gathering in Wireless Sensor Networks. , 2013, , .		13
20	Large-scale complex IT systems. Communications of the ACM, 2012, 55, 71-77.	4.5	209
21	A financial brokerage model for cloud computing. Journal of Cloud Computing: Advances, Systems and Applications, 2012, 1, 2.	3.9	42
22	Options, forwards and provision-point contracts in improving cloud infrastructure utilisation. Journal of Cloud Computing: Advances, Systems and Applications, 2012, 1, 21.	3.9	3
23	The Global Financial Markets: An Ultra-Large-Scale Systems Perspective. Lecture Notes in Computer Science, 2012, , 29-70.	1.3	20
24	Reexamining the Relative Agreement Model of Opinion Dynamics. Jasss, 2012, 15, .	1.8	27
25	The Use of Provision Point Contracts for Improving Cloud Infrastructure Utilisation. Lecture Notes in Computer Science, 2012, , 16-28.	1.3	0
26	Hybrid Complex Network Topologies Are Preferred for Component-Subscription in Large-Scale Data-Centres. Communications in Computer and Information Science, 2011, , 130-137.	0.5	2
27	Effects of Component-Subscription Network Topology on Large-Scale Data Centre Performance Scaling. , 2010, , .		6
28	ZIP60: Further Explorations in the Evolutionary Design of Trader Agents and Online Auction-Market Mechanisms. IEEE Transactions on Evolutionary Computation, 2009, 13, 3-18.	10.0	16
29	ZIP60: Further Explorations in the Evolutionary Design of Trader Agents and Online Auction-Market Mechanisms. IEEE Transactions on Evolutionary Computation, 2009, , .	10.0	1
30	Analysing Buyersâ€™ and Sellersâ€™ Strategic Interactions in Marketplaces: An Evolutionary Game Theoretic Approach. Lecture Notes in Business Information Processing, 2008, , 151-165.	1.0	3
31	Visualizing Coevolution with CIAO Plots. Artificial Life, 2006, 12, 199-202.	1.3	31
32	Evolutionary optimization of ZIP60. , 2006, , .		1
33	Evolutionary Stability of Behavioural Types in the Continuous Double Auction. , 2006, , 103-117.		1
34	Large-scale, Small-scale Systems. , 2006, , 34-64.		0
35	Evolutionary Optimization of ZIP60: A Controlled Explosion in Hyperspace. , 2006, , 1-16.		0
36	Visualizing Coevolution with CIAO Plots. Artificial Life, 2006, 12, 199-202.	1.3	3

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37	Using a Genetic Algorithm to Design and Improve Storage Area Network Architectures. Lecture Notes in Computer Science, 2004, , 1066-1077.	1.3	3
38	An Ant Inspired Technique for Storage Area Network Design. Lecture Notes in Computer Science, 2004, , 364-379.	1.3	4
39	Explorations in evolutionary design of online auction market mechanisms. Electronic Commerce Research and Applications, 2003, 2, 162-175.	5.0	56
40	TheCreaturesGlobal Digital Ecosystem. Artificial Life, 1999, 5, 77-93.	1.3	26
41	Animat Market - Trading Interactions as Collective Social Adaptive Behavior. Adaptive Behavior, 1999, 7, 385-414.	1.9	10
42	Making money from agents. Knowledge Engineering Review, 1999, 14, 291-294.	2.6	0
43	Creatures: Entertainment Software Agents with Artificial Life. , 1998, 1, 39-57.		49
44	The role of â€˜hidden preferencesâ€™ in the artificial co-evolution of symmetrical signals. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 505-511.	2.6	7
45	Knowledge-based vision and simple visual machines. Philosophical Transactions of the Royal Society B: Biological Sciences, 1997, 352, 1165-1175.	4.0	30
46	Artificial Evolution: A New Path for Artificial Intelligence?. Brain and Cognition, 1997, 34, 130-159.	1.8	44
47	Evolutionary robotics: the Sussex approach. Robotics and Autonomous Systems, 1997, 20, 205-224.	5.1	177
48	Challenges in evolving controllers for physical robots. Robotics and Autonomous Systems, 1996, 19, 67-83.	5.1	151
49	Circle in the round: State space attractors for evolved sighted robots. Robotics and Autonomous Systems, 1995, 15, 83-106.	5.1	114
50	Tracking the red queen: Measurements of adaptive progress in co-evolutionary simulations. Lecture Notes in Computer Science, 1995, , 200-218.	1.3	90
51	Circle In The Round: State Space Attractors for Evolved Sighted Robots. , 1995, , 222-257.		4
52	Adding Temporary Memory to ZCS. Adaptive Behavior, 1994, 3, 101-150.	1.9	88
53	Adding "Foveal Vision" to Wilson's Animat. Adaptive Behavior, 1993, 2, 49-72.	1.9	16
54	Explorations in Evolutionary Robotics. Adaptive Behavior, 1993, 2, 73-110.	1.9	343

#	Article	IF	Citations
55	Technical Note: Parameterised-Response Zero-Intelligence (PRZI) Traders. SSRN Electronic Journal, 0, , .	0.4	3