

# Christopher Clack

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

409  
citations

1040056

9  
h-index

940533

16  
g-index

38  
all docs

38  
docs citations

38  
times ranked

203  
citing authors

#	ARTICLE	IF	CITATIONS
1	GRIP " a high-performance architecture for parallel graph reduction. Lecture Notes in Computer Science, 1987, , 98-112.	1.3	64
2	Strictness analysis " a practical approach. Lecture Notes in Computer Science, 1985, , 35-49.	1.3	62
3	Selective crossover in genetic algorithms: An empirical study. Lecture Notes in Computer Science, 1998, , 438-447.	1.3	26
4	High-performance parallel graph reduction. Lecture Notes in Computer Science, 1989, , 193-206.	1.3	24
5	Autonomous document classification for business. , 1997, , .		24
6	The four-stroke reduction engine. , 1986, , .		23
7	Evolving robust GP solutions for hedge fund stock selection in emerging markets. , 2007, , .		20
8	Multiobjective robustness for portfolio optimization in volatile environments. , 2008, , .		14
9	Behavioural GP diversity for dynamic environments. , 2006, , .		13
10	Robustness of multiple objective GP stock-picking in unstable financial markets. , 2009, , .		13
11	Evolving robust GP solutions for hedge fund stock selection in emerging markets. Soft Computing, 2011, 15, 37-50.	3.6	13
12	Learning to optimize profits beats predicting returns -. , 2008, , .		12
13	DIATOM COLONY FORMATION: A COMPUTATIONAL STUDY PREDICTS A SINGLE MECHANISM CAN PRODUCE BOTH LINKAGE AND SEPARATION VALVES DUE TO AN ENVIRONMENTAL SWITCH <sup>1</sup> . Journal of Phycology, 2012, 48, 716-728.	2.3	12
14	A formalism for multi-level emergent behaviours in designed component-based systems and agent-based simulations. Understanding Complex Systems, 2009, , 101-114.	0.6	12
15	Lexical profiling: theory and practice. Journal of Functional Programming, 1995, 5, 225-277.	0.8	11
16	Identifying Multi-Level Emergent Behaviors in Agent-Directed Simulations using Complex Event Type Specifications. Simulation, 2010, 86, 41-51.	1.8	9
17	Complexity and Emergence in Engineering Systems. Studies in Computational Intelligence, 2009, , 99-128.	0.9	8
18	A Blockchain Grand Challenge: Smart Financial Derivatives. Frontiers in Blockchain, 2018, 1, .	2.6	7

#	ARTICLE	IF	CITATIONS
19	A Method for Validating and Discovering Associations between Multi-level Emergent Behaviours in Agent-Based Simulations. , 2008, , 1-10.		5
20	gLINC. , 2006, , .		4
21	ALPS evaluation in financial portfolio optimisation. , 2007, , .		4
22	GP age-layer and crossover effects in bid-offer spread prediction. , 2008, , .		4
23	Behavioural GP diversity for adaptive stock selection. , 2009, , .		3
24	Incorporation of causality structures to complex network analysis of time-varying behaviour of multivariate time series. Scientific Reports, 2021, 11, 18880.	3.3	3
25	Temporal Aspects of Smart Contracts for Financial Derivatives. Lecture Notes in Computer Science, 2018, , 339-355.	1.3	3
26	Transforming commercial contracts through computable contracting. Journal of Strategic Contracting and Negotiation, 2022, 6, 3-25.	0.8	3
27	Nonlinearity linkage detection for financial time series analysis. , 2007, , .		2
28	Introducing CLOVER: An object-oriented functional language. Lecture Notes in Computer Science, 1997, , 1-20.	1.3	2
29	Using an evolutionary agent-based simulation to explore hedging pressure in futures markets. , 2007, , .		1
30	Diverse committees vote for dependable profits. , 2007, , .		1
31	InterDyne: A Simulation Method for Exploring Emergent Behavior Deriving from Interaction Dynamics. , 2018, , 459-490.		1
32	Evolutionary simulation of hedging pressure in futures markets. , 2007, , .		0
33	Context sensitivity in individual-based modeling. BMC Systems Biology, 2007, 1, .	3.0	0
34	Financial evolutionary computing. , 2010, , .		0
35	Multi-level behaviours in agent-based simulation: colonic crypt cell populations. , 2012, , 14-26.		0
36	A Common Graphical Form. Workshops in Computing, 1992, , 224-238.	0.4	0

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37	Bioscience Computing and the Role of Computational Simulation in Biology. , 2006, , 3-19.		0