

Sean McGarraghy

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

242
citations

1306789

7
h-index

996533

15
g-index

71
all docs

71
docs citations

71
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Computing Algorithms. Natural Computing Series, 2015, , .	2.2	68
2	A review of the role of heuristics in stochastic optimisation: from metaheuristics to learnheuristics. Annals of Operations Research, 2023, 320, 831-861.	2.6	31
3	An Analysis of Genotype-Phenotype Maps in Grammatical Evolution. Lecture Notes in Computer Science, 2010, , 62-73.	1.0	30
4	Solving large-scale time capacitated arc routing problems: from real-time heuristics to metaheuristics. Annals of Operations Research, 2019, 273, 135-162.	2.6	17
5	A strategic oscillation simheuristic for the Time Capacitated Arc Routing Problem with stochastic demands. Computers and Operations Research, 2021, 133, 105377.	2.4	12
6	A branch–cut algorithm for the ring spur assignment problem. Networks, 2013, 61, 89-103.	1.6	10
7	Foraging-Inspired Optimisation Algorithms. Natural Computing Series, 2018, , .	2.2	10
8	Grammatical evolution in developing optimal inventory policies for serial and distribution supply chains. International Journal of Production Research, 2016, 54, 336-364.	4.9	7
9	Slime mould foraging: an inspiration for algorithmic design. International Journal of Innovative Computing and Applications, 2020, 11, 30.	0.2	7
10	A decomposition algorithm for the ring spur assignment problem. International Transactions in Operational Research, 2013, 20, 119-139.	1.8	6
11	Grammatical Evolution. Natural Computing Series, 2015, , 357-373.	2.2	6
12	Towards adaptive mutation in grammatical evolution. , 2012, , .		4
13	Symmetric Powers of Symmetric Bilinear Forms. Algebra Colloquium, 2005, 12, 41-57.	0.1	3
14	Improved Formulations for the Ring Spur Assignment Problem. Lecture Notes in Computer Science, 2011, , 24-36.	1.0	3
15	Bacterial Foraging Algorithms. Natural Computing Series, 2015, , 187-199.	2.2	3
16	Understanding Expansion Order and Phenotypic Connectivity in ĩ€GE. Lecture Notes in Computer Science, 2013, , 37-48.	1.0	2
17	Introduction to Evolutionary Computing. Natural Computing Series, 2015, , 17-20.	2.2	2
18	Conceptual System Dynamics and Agent-Based Modelling Simulation of Interorganisational Fairness in Food Value Chains: Research Agenda and Case Studies. Agriculture (Switzerland), 2022, 12, 280.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Investigating mapping order in πGE. , 2010, , .		1
20	Evolving Foraging Algorithms. Natural Computing Series, 2018, , 409-419.	2.2	1
21	Calibration of the VGSSD Option Pricing Model using a Quantum-inspired Evolutionary Algorithm. Studies in Computational Intelligence, 2008, , 133-153.	0.7	1
22	Foraging Models and Algorithms. Natural Computing Series, 2018, , 385-403.	2.2	1
23	Slime mould foraging: an inspiration for algorithmic design. International Journal of Innovative Computing and Applications, 2020, 11, 30.	0.2	1
24	Quantum Inspired Evolutionary Algorithms. Natural Computing Series, 2015, , 439-452.	2.2	0
25	Sensory Modalities. Natural Computing Series, 2018, , 45-63.	2.2	0
26	Annihilating Polynomials, Trace Forms and the Galois Number. Bulletin of the Irish Mathematical Society, 2000, 0044, 76-87.	0.1	0
27	Data Support Design for Services Science Modeling. Service Science: Research and Innovations in the Service Economy, 2008, , 251-255.	1.1	0
28	Bioluminescence Foraging Algorithms. Natural Computing Series, 2018, , 221-235.	2.2	0
29	Aquatic Foraging Algorithms. Natural Computing Series, 2018, , 147-166.	2.2	0
30	Ant Foraging Algorithms. Natural Computing Series, 2018, , 171-201.	2.2	0
31	Individual and Social Learning. Natural Computing Series, 2018, , 65-82.	2.2	0
32	Bacterial and Viral Foraging Algorithms. Natural Computing Series, 2018, , 267-295.	2.2	0
33	Introduction to Foraging-Inspired Algorithms. Natural Computing Series, 2018, , 87-101.	2.2	0
34	Generating Supply Chain Ordering Policies using Quantum Inspired Genetic Algorithms and Grammatical Evolution. , 0, , 1041-1070.		0
35	Generating Supply Chain Ordering Policies using Quantum Inspired Genetic Algorithms and Grammatical Evolution. Advances in Logistics, Operations, and Management Science Book Series, 0, , 125-154.	0.3	0
36	Mitigating the Spread of Measles under Constrained Health Care Resources in Tanzania using Social Contact Network Models. Tanzania Journal of Science, 2021, 47, 1492-1507.	0.2	0