Kyle Robert Harrison

List of Publications by Year
in descending order

33	437	1040056 9	1058476 14
papers	citations	h-index	g-index

34	34	34	374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-adaptive particle swarm optimization: a review and analysis of convergence. Swarm Intelligence, 2018, 12, 187-226.	2.2	94
2	Inertia weight control strategies for particle swarm optimization. Swarm Intelligence, 2016, 10, 267-305.	2.2	68
3	Optimal parameter regions and the time-dependence of control parameter values for the particle swarm optimization algorithm. Swarm and Evolutionary Computation, 2018, 41, 20-35.	8.1	42
4	The bi-objective critical node detection problem. European Journal of Operational Research, 2018, 265, 895-908.	5.7	29
5	A parameter-free particle swarm optimization algorithm using performance classifiers. Information Sciences, 2019, 503, 381-400.	6.9	28
6	A meta-analysis of centrality measures for comparing and generating complex network models. Journal of Computational Science, 2016, 17, 205-215.	2.9	18
7	Portfolio Optimization for Defence Applications. IEEE Access, 2020, 8, 60152-60178.	4.2	18
8	The sad state of self-adaptive particle swarm optimizers. , 2016, , .		16
9	Knowledge Transfer Strategies for Vector Evaluated Particle Swarm Optimization. Lecture Notes in Computer Science, 2013, , 171-184.	1.3	16
10	Optimal parameter regions for particle swarm optimization algorithms. , 2017, , .		15
11	An adaptive particle swarm optimization algorithm based on optimal parameter regions. , 2017, , .		15
12	An Experimental Evaluation of Multi-objective Evolutionary Algorithms for Detecting Critical Nodes in Complex Networks. Lecture Notes in Computer Science, 2015, , 164-176.	1.3	11
13	A radius-free quantum particle swarm optimization technique for dynamic optimization problems. , 2016, , .		8
14	The Parameter Configuration Landscape: A Case Study on Particle Swarm Optimization. , 2019, , .		8
15	A scalability study of multi-objective particle swarm optimizers. , 2013, , .		7
16	A Hybrid Multi-Population Approach to the Project Portfolio Selection and Scheduling Problem for Future Force Design. IEEE Access, 2021, 9, 83410-83430.	4.2	7
17	An Analysis of Control Parameter Importance in the Particle Swarm Optimization Algorithm. Lecture Notes in Computer Science, 2019, , 93-105.	1.3	6
18	Solving a novel multi-divisional project portfolio selection and scheduling problem. Engineering Applications of Artificial Intelligence, 2022, 112, 104771.	8.1	6

#	Article	IF	Citations
19	Dynamic multi-objective optimization using charged vector evaluated particle swarm optimization. , 2014, , .		5
20	An Exploration of Meta-Heuristic Approaches for the Project Portfolio Selection and Scheduling Problem in a Defence Context. , 2020, , .		4
21	Multi-Period Project Selection and Scheduling for Defence Capability-Based Planning. , 2020, , .		4
22	Incorporating expert knowledge in object-oriented genetic programming. , 2014, , .		3
23	Demonstrating the power of object-oriented genetic programming via the inference of graph models for complex networks. , 2014, , .		2
24	Project portfolio selection with defense capability options. , 2021, , .		2
25	Investigating Fitness Measures for the Automatic Construction of Graph Models. Lecture Notes in Computer Science, 2015, , 189-200.	1.3	2
26	Visualizing and Characterizing the Parameter Configuration Landscape of Differential Evolution using Physical Landform Classification. , 2020, , .		2
27	A New Model for the Project Portfolio Selection and Scheduling Problem with Defence Capability Options. Adaptation, Learning, and Optimization, 2022, , 89-123.	0.6	1
28	Automatic inference of graph models for directed complex networks using genetic programming. , 2016, , .		0
29	Gaussian-Valued Particle Swarm Optimization. Lecture Notes in Computer Science, 2018, , 368-377.	1.3	0
30	Visualizing and Characterizing the Parameter Configuration Landscape of Particle Swarm Optimization using Physical Landform Classification. , 2021, , .		0
31	Image-based benchmarking and visualization for large-scale global optimization. Applied Intelligence, 2022, 52, 4161-4191.	5.3	0
32	Evolutionary and Memetic Computing for Project Portfolio Selection and Scheduling: An Introduction. Adaptation, Learning, and Optimization, 2022, , 1-8.	0.6	0
33	Generating datasets for the project portfolio selection and scheduling problem. Data in Brief, 2022, 42, 108208.	1.0	0