

# Kyle Robert Harrison

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

437  
citations

1039880

9  
h-index

1058333

14  
g-index

34  
all docs

34  
docs citations

34  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-adaptive particle swarm optimization: a review and analysis of convergence. Swarm Intelligence, 2018, 12, 187-226.	1.3	94
2	Inertia weight control strategies for particle swarm optimization. Swarm Intelligence, 2016, 10, 267-305.	1.3	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.	4.5	42
4	The bi-objective critical node detection problem. European Journal of Operational Research, 2018, 265, 895-908.	3.5	29
5	A parameter-free particle swarm optimization algorithm using performance classifiers. Information Sciences, 2019, 503, 381-400.	4.0	28
6	A meta-analysis of centrality measures for comparing and generating complex network models. Journal of Computational Science, 2016, 17, 205-215.	1.5	18
7	Portfolio Optimization for Defence Applications. IEEE Access, 2020, 8, 60152-60178.	2.6	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.	1.0	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.	1.0	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.	2.6	7
17	An Analysis of Control Parameter Importance in the Particle Swarm Optimization Algorithm. Lecture Notes in Computer Science, 2019, , 93-105.	1.0	6
18	Solving a novel multi-divisional project portfolio selection and scheduling problem. Engineering Applications of Artificial Intelligence, 2022, 112, 104771.	4.3	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.	1.0	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.	0.5	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.	1.0	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.	3.3	0
32	Evolutionary and Memetic Computing for Project Portfolio Selection and Scheduling: An Introduction. Adaptation, Learning, and Optimization, 2022, , 1-8.	0.5	0
33	Generating datasets for the project portfolio selection and scheduling problem. Data in Brief, 2022, 42, 108208.	0.5	0