

David J Walker

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

427
citations

1477746

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h-index

996533

15
g-index

21
all docs

21
docs citations

21
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing Mutually Nondominating Solution Sets in Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2013, 17, 165-184.	7.5	221
2	Multi-criterion water quality analysis of the Danube River in Serbia: A visualisation approach. Water Research, 2015, 79, 158-172.	5.3	44
3	Forecasting Domestic Water Consumption from Smart Meter Readings Using Statistical Methods and Artificial Neural Networks. Procedia Engineering, 2015, 119, 1419-1428.	1.2	41
4	Visualisation and ordering of many-objective populations. , 2010, , .		23
5	Development of a Hydrogeological Conceptual Model for Shallow Aquifers in the Data Scarce Upper Blue Nile Basin. Hydrology, 2019, 6, 43.	1.3	21
6	Multi-objective Optimisation with a Sequence-based Selection Hyper-heuristic. , 2016, , .		14
7	Identifying good algorithm parameters in evolutionary multi- and many-objective optimisation: A visualisation approach. Applied Soft Computing Journal, 2020, 88, 105902.	4.1	12
8	Multi-method groundwater recharge estimation at Eshito micro-watershed, Rift Valley Basin in Ethiopia. Hydrological Sciences Journal, 2020, 65, 1596-1605.	1.2	12
9	Visualising many-objective populations. , 2012, , .		7
10	Visualisation with treemaps and sunbursts in many-objective optimisation. Genetic Programming and Evolvable Machines, 2018, 19, 421-452.	1.5	5
11	Towards Many-Objective Optimisation with Hyper-heuristics: Identifying Good Heuristics with Indicators. Lecture Notes in Computer Science, 2016, , 493-502.	1.0	5
12	Visualising Multi-objective Populations with Treemaps. , 2015, , .		4
13	Visualizing Population Dynamics to Examine Algorithm Performance. IEEE Transactions on Evolutionary Computation, 2022, 26, 1501-1510.	7.5	4
14	Toward the Online Visualisation of Algorithm Performance for Parameter Selection. Lecture Notes in Computer Science, 2018, , 547-560.	1.0	3
15	Multi-Objective Optimisation of the Benchmark Wind Farm Layout Problem. Journal of Marine Science and Engineering, 2021, 9, 1376.	1.2	3
16	Life Course Digital Twinsâ€“Intelligent Monitoring for Early and Continuous Intervention and Prevention (LifeTIME): Proposal for a Retrospective Cohort Study. JMIR Research Protocols, 2022, 11, e35738.	0.5	3
17	Hydrochemical data on groundwater quality for drinking and irrigation use around Dangila town, Northwest Ethiopia. Data in Brief, 2020, 31, 105877.	0.5	2
18	Visualising Evolution History in Multi- and Many-objective Optimisation. Lecture Notes in Computer Science, 2020, , 299-312.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Life on the Edge: Characterising the Edges of Mutually Non-dominating Sets. Evolutionary Computation, 2014, 22, 479-501.	2.3	1
20	Many-objective population visualisation with geons. , 2021, , .		0