Mike Yearworth

List of Publications by Year
in descending order

56 papers	670 citations	623574 14 h-index	642610 23 g-index
56 all docs	56 docs citations	56 times ranked	532 citing authors

#	Article	IF	Citations
1	Understanding behaviour in problem structuring methods interventions with activity theory. European Journal of Operational Research, 2016, 249, 983-1004.	3.5	67
2	The uses of qualitative data in multimethodology: Developing causal loop diagrams during the coding process. European Journal of Operational Research, 2013, 231, 151-161.	3.5	66
3	The non-codified use of problem structuring methods and the need for a generic constitutive definition. European Journal of Operational Research, 2014, 237, 932-945.	3.5	47
4	Modeling and Assessing Variability in Energy Consumption During the Use Stage of Online Multimedia Services. Journal of Industrial Ecology, 2013, 17, 800-813.	2.8	36
5	Revisiting Jevons' Paradox with System Dynamics: Systemic Causes and Potential Cures. Journal of Industrial Ecology, 2016, 20, 341-353.	2.8	32
6	Climate change and cities: problem structuring methods and critical perspectives on low-carbon districts. Energy Research and Social Science, 2017, 25, 48-64.	3.0	32
7	Facets of trust in simulation studies. European Journal of Operational Research, 2021, 289, 197-213.	3.5	32
8	System behaviour modelling for demand response provision in a smart grid. Energy Policy, 2013, 61, 172-181.	4.2	26
9	Sustainability as a 'super-wicked' problem; opportunities and limits for engineering methodology. Intelligent Buildings International, 2016, 8, 37-47.	1.3	22
10	Spontaneous emergence of Community OR: Self-initiating, self-organising problem structuring mediated by social media. European Journal of Operational Research, 2018, 268, 809-824.	3.5	21
11	Micro-processes in Group Decision and Negotiation: Practices and Routines for Supporting Decision Making. Group Decision and Negotiation, 2018, 27, 709-713.	2.0	18
12	Constitutive rules for guiding the use of the viable system model: Reflections on practice. European Journal of Operational Research, 2020, 287, 1014-1035.	3.5	18
13	Developing a smart operational research with hybrid practice theories. European Journal of Operational Research, 2019, 277, 1137-1150.	3.5	17
14	Guiding interventions in a multi-organisational context: combining the Viable System Model and Hierarchical Process Modelling for use as a Problem Structuring Method. Journal of the Operational Research Society, 2016, 67, 1481-1495.	2.1	16
15	The Value Paradox of Problem Structuring Methods. Systems Research and Behavioral Science, 2019, 36, 424-444.	0.9	16
16	AutONA: a system for automated multiple 1-1 negotiation. , 0, , .		15
17	Why so Serious? Theorising Playful Model-Driven Group Decision Support with Situated Affectivity. Group Decision and Negotiation, 2018, 27, 789-810.	2.0	14
18	Understanding front-end project workshops with Social Practice Theory. International Journal of Project Management, 2019, 37, 161-175.	2.7	11

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19	Impact of location on the energy footprint of digital media. , 2012, , .		10
20	Interpretative reporting and alarming based on laboratory data. Clinica Chimica Acta, 1993, 222, 37-48.	0.5	9
21	Integrating Problem Solving and Research Methods Teaching for Systems Practice in Engineering. Procedia Computer Science, 2013, 16, 1072-1081.	1.2	9
22	The theoretical foundation(s) for Systems Engineering?. Systems Research and Behavioral Science, 2020, 37, 184-187.	0.9	9
23	Artificial neural networks in diagnosis of thyroid function from in vitro laboratory tests. Clinical Chemistry, 1993, 39, 2248-53.	1.5	9
24	Specifying an open clinical laboratory information system. Computer Methods and Programs in Biomedicine, 1996, 50, 95-109.	2.6	7
25	A view of Systems Practice: Enabling quality in design. Systems Engineering, 2013, 16, 134-151.	1.6	7
26	OpenLabs: the application of advanced informatics and telematics for optimization of clinical laboratory services. Computer Methods and Programs in Biomedicine, 1994, 45, 137-140.	2.6	6
27	Early estimation of project performance: The application of a system dynamics rework model. , 2013, , .		6
28	On the Desirability of Integrating Research Methods into Overall Systems Approaches in the Training of Engineers: Analysis Using SSM. Systems Research and Behavioral Science, 2014, 31, 47-66.	0.9	6
29	Complexity in a Systems Engineering Organization: An Empirical Case Study. Systems Engineering, 2016, 19, 422-435.	1.6	6
30	Response to viewpoint: Whither problem structuring methods (PSMs)?. Journal of the Operational Research Society, 2019, 70, 1393-1395.	2.1	6
31	Laboratory Gamma-Ray Images Using the ZEBRA Telescope. IEEE Transactions on Nuclear Science, 1987, 34, 62-65.	1.2	5
32	A position sensitive detector using a NaI(Tl)/photomultiplier tube combination for the energy range 200 keV to 10 MeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 273, 706-710.	0.7	5
33	Parallel processing of Monte Carlo simulations using a transputer array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 156-161.	0.7	5
34	Workflow management for multimedia information in clinical laboratories. Computer Methods and Programs in Biomedicine, 1998, 55, 1-9.	2.6	5
35	Using Systems Practice to enable quality in design. , 2012, , .		5
36	Systems Engineering in a Context of Systemic Cooperation (SCOOPs): Development and Implications. Procedia Computer Science, 2015, 44, 214-223.	1.2	5

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37	A comparison of different imaging techniques in low energy ?-ray astronomy. Experimental Astronomy, 1990, 1, 285-303.	1.6	4
38	Computational viewpoint of the OpenLabs architecture. Computer Methods and Programs in Biomedicine, 1996, 50, 111-122.	2.6	4
39	Travel information highway. , 2000, , .		4
40	Planning For 5G: A Problem Structuring Approach for Survival in the Telecoms Industry. Systems Engineering, 2016, 19, 301-321.	1.6	4
41	Understanding PSM Interventions Through Sense-Making and the Mangle of Practice Lens. Lecture Notes in Business Information Processing, 2015, , 13-27.	0.8	4
42	Demystifying Facilitation: A New Approach to Investigating the Role of Facilitation in Group Decision Support Processes. Lecture Notes in Business Information Processing, 2017, , 69-86.	0.8	4
43	Managing the operation of open distributed laboratory information systems. Computer Methods and Programs in Biomedicine, 1996, 50, 123-133.	2.6	3
44	A CORBA service for road traffic information on the Internet. , 0, , .		3
45	The Structure of the ZEBRA Telescope, the Integration Tests and the First Calibration Results. IEEE Transactions on Nuclear Science, 1987, 34, 25-30.	1.2	2
46	Knowledge management for metrics: Enabling analysis and dissemination of metrics. , 2014, , .		2
47	Systems Approach to the Development and Application of Technical Metrics to Systems Engineering Projects. Procedia Computer Science, 2014, 28, 71-80.	1.2	2
48	Estimating Project Performance through a System Dynamics Learning Model. Systems Engineering, 2016, 19, 334-350.	1.6	2
49	Group Support Systems: Experiments with an Online System and Implications for Same-Time/Different-Places Working. , 2021, , 681-706.		2
50	Negotiated revealing of traders' credentials in e-marketplaces: dealing with trust and privacy issues. , 0, , .		1
51	The use of a systems engineering process guide to accelerate improvement in systems engineering application and expertise. , 2013, , .		1
52	Evaluating How System Health Assessment Can Trigger Anticipatory Action for Resilience. , 2018, , 765-776.		1
53	Group Support Systems: Experiments with an Online System and Implications for Same-Time/Different-Places Working. , 2019, , 1-26.		1
54	Systems thinking for rapid decision making in industrial contexts. , 2014, , .		0

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55	Smart Cities: Big Data and Behavioral Operational Research. , 2016, , 303-318.		0
56	A Case Study of Applying Complexity Leadership Theory in Thales UK. , 2016, , 199-211.		0