

David O Duvivier

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

337
citations

1163117

8
h-index

888059

17
g-index

33
all docs

33
docs citations

33
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	ARM vs FPGA: Comparative Analysis of Sorting Algorithms. Lecture Notes in Networks and Systems, 2022, , 275-287.	0.7	0
2	Towards a Framework for Detecting Temporary Obstacles and Their Impact on Mobility for Diversely Disabled Users. Lecture Notes in Computer Science, 2022, , 475-488.	1.3	2
3	Mathematical formulations for the parallel machine scheduling problem with a single server. International Journal of Production Research, 2021, 59, 6166-6184.	7.5	9
4	Sorting Algorithms on ARM Cortex A9 Processor. Lecture Notes in Networks and Systems, 2021, , 355-366.	0.7	0
5	Heuristics for the single machine weighted sum of completion times scheduling problem with periodic maintenance. Computational Optimization and Applications, 2020, 75, 291-320.	1.6	10
6	Variable Neighborhood Search for Identical Parallel Machine Scheduling Problem with a Single Server. Lecture Notes in Computer Science, 2020, , 112-125.	1.3	5
7	A rolling horizon approach for the integrated multi-quays berth allocation and crane assignment problem for bulk ports. International Journal of Industrial Engineering Computations, 2019, , 577-591.	0.7	4
8	A variable neighborhood search algorithm for solving the single machine scheduling problem with periodic maintenance. RAIRO - Operations Research, 2019, 53, 289-302.	1.8	8
9	A Comparative Study of Sorting Algorithms with FPGA Acceleration by High Level Synthesis. Computacion Y Sistemas, 2019, 23, .	0.3	9
10	Greedy heuristics for identical parallel machine scheduling problem with single server to minimize the makespan. MATEC Web of Conferences, 2018, 200, 00001.	0.2	4
11	On the single machine scheduling problem with sequence-dependent setup times and periodic maintenance. , 2018, , .		0
12	MIP formulations for identical parallel machine scheduling problem with single server. , 2018, , .		7
13	An Efficient Hardware Implementation of TimSort and MergeSort Algorithms Using High Level Synthesis. , 2017, , .		4
14	Scheduling operating theatres: Mixed integer programming vs. constraint programming. European Journal of Operational Research, 2015, 247, 401-413.	5.7	39
15	Meta-Diagnosis for a Special Class of Cyber-Physical Systems: The Avionics Test Benches. Lecture Notes in Computer Science, 2015, , 635-644.	1.3	0
16	Multi-objective operating room scheduling considering desiderata of the surgical team. Decision Support Systems, 2013, 55, 650-659.	5.9	113
17	A fast multicriteria decision-making tool for industrial scheduling problems. International Journal of Production Economics, 2013, 145, 753-760.	8.9	3
18	Heterogeneous CPU/FPGA Reconfigurable Computing System for Avionic Test Application. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Optimization of preventive maintenance through a combined maintenance-production simulation model. International Journal of Production Economics, 2013, 143, 3-12.	8.9	41
20	Optimization Of Matching and Scheduling On Heterogeneous CPU/FPGA Architectures. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1678-1683.	0.4	4
21	Conception d'un module modulaire d'ordonnement du bloc opératoire avec prise en compte des contraintes liées aux ressources humaines et matérielles. Logistique & Management, 2011, 19, 29-42.	0.6	2
22	A Multi-Model Approach for Production Planning and Scheduling in an Industrial Environment. Profiles in Operations Research, 2011, , 489-530.	0.4	2
23	Using constraint programming to schedule an operating theatre. , 2010, , .		13
24	Comparison of different tabu search operators on a highly constrained industrial problem. International Journal of Advanced Operations Management, 2009, 1, 363.	0.3	2
25	Multicriteria approach to rank scheduling strategies. International Journal of Production Economics, 2008, 112, 192-201.	8.9	12
26	Multicriteria optimisation and simulation: an industrial application. Annals of Operations Research, 2007, 156, 45-60.	4.1	11
27	Comparison of Scheduling Strategies via a Statistical Analysis in an Industrial Context. , 2006, , .		2
28	A modeling methodology dedicated to simulation and based on generic meta-models using MDA-UML: an application to a chronic renal dialysis unit. , 2006, , .		8
29	Simulation-based performance measurement and analysis: an industrial application. International Journal of Computer Integrated Manufacturing, 2005, 18, 402-407.	4.6	7
30	Integrating simulation and optimization of manufacturing systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2003, 33, 186-192.	2.9	1
31	Climbing up NP-hard hills. Lecture Notes in Computer Science, 1996, , 574-583.	1.3	11
32	The fitness function and its impact on local search methods. , 0, , .		0