Alex J Ruiz-Torres

List of Publications by Year
in descending order

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51	839	516561 16	552653 26
papers	citations	h-index	g-index

52	52	52	698
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supplier selection model with contingency planning for supplier failures. Computers and Industrial Engineering, 2013, 66, 374-382.	3.4	63
2	A systematic approach for resource allocation in software projects. Computers and Industrial Engineering, 2009, 56, 1333-1339.	3.4	58
3	Some comparative factors regarding recycling collection systems in regions of the USA and Europe. Journal of Environmental Management, 2003, 69, 129-138.	3.8	55
4	A supplier allocation model considering delivery failure, maintenance and supplier cycle costs. International Journal of Production Economics, 2006, 103, 755-766.	5.1	47
5	Parallel machine scheduling to minimize the makespan with sequence dependent deteriorating effects. Computers and Operations Research, 2013, 40, 2051-2061.	2.4	46
6	Scheduling uniform parallel machines subject to a secondary resource to minimize the number of tardy jobs. European Journal of Operational Research, 2007, 179, 302-315.	3.5	37
7	Safety stock determination based on parametric lead time and demand information. International Journal of Production Research, 2010, 48, 2841-2857.	4.9	34
8	Simulated annealing heuristics for the average flow-time and the number of tardy jobs bi-criteria identical parallel machine problem. Computers and Industrial Engineering, 1997, 33, 257-260.	3.4	30
9	Minimizing makespan subject to minimum total flow-time on identical parallel machines. European Journal of Operational Research, 2000, 125, 370-380.	3.5	26
10	Generating Pareto schedules with outsource and internal parallel resources. International Journal of Production Economics, 2006, 103, 810-825.	5.1	25
11	Scheduling with flexible resources in parallel workcenters to minimize maximum completion time. Computers and Operations Research, 2007, 34, 48-69.	2.4	24
12	Using the FDH formulation of DEA to evaluate a multi-criteria problem in parallel machine scheduling. Computers and Industrial Engineering, 2004, 47, 107-121.	3.4	23
13	Scheduling to maximise worker satisfaction and on-time orders. International Journal of Production Research, 2015, 53, 2836-2852.	4.9	22
14	Joint determination of supplier capacity and returner incentives in a closed-loop supply chain. Journal of Cleaner Production, 2019, 215, 1351-1361.	4.6	22
15	Minimizing the normalized sum of square for workload deviations on m parallel processors. Computers and Industrial Engineering, 2009, 56, 186-192.	3.4	21
16	Minimizing maximum tardiness and number of tardy jobs on parallel machines subject to minimum flow-time. Journal of the Operational Research Society, 2003, 54, 1263-1274.	2.1	16
17	Minimizing the average tardiness: the case of outsource machines. International Journal of Production Research, 2008, 46, 3615-3640.	4.9	16
18	Makespan and workstation utilization minimization in a flowshop with operations flexibility. Omega, 2011, 39, 273-282.	3.6	16

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19	A new heuristic for workload balancing on identical parallel machines and a statistical perspective on the workload balancing criteria. Computers and Operations Research, 2012, 39, 1382-1393.	2.4	16
20	Makespan minimisation with sequence-dependent machine deterioration and maintenance events. International Journal of Production Research, 2017, 55, 462-479.	4.9	16
21	Minimizing the number of tardy jobs in the flowshop problem with operation and resource flexibility. Computers and Operations Research, 2010, 37, 282-291.	2.4	15
22	Generating efficient schedules for identical parallel machines involving flow-time and tardy jobs. European Journal of Operational Research, 2005, 167, 679-695.	3.5	14
23	Supply Chain Management Research in Latin America: a Review. Supply Chain Forum, 2012, 13, 20-36.	2.7	14
24	Scheduling workers: A multi-criteria model considering their satisfaction. Computers and Industrial Engineering, 2019, 128, 747-754.	3.4	14
25	Outsourcing decision in manufacturing supply chains considering production failure and operating costs. International Journal of Integrated Supply Management, 2008, 4, 141.	0.2	13
26	Supplier allocation model for textile recycling operations. International Journal of Logistics Systems and Management, 2013, 15, 108.	0.2	13
27	Logistic services in the Caribbean region. Academia Revista Latinoamericana De Administracion, 2018, 31, 534-552.	0.6	13
28	Impact of worker and shop flexibility on assembly cells. International Journal of Production Research, 2007, 45, 1369-1388.	4.9	11
29	Minimizing the number of late jobs for the permutation flowshop problem with secondary resources. Computers and Operations Research, 2008, 35, 1227-1249.	2.4	10
30	Scheduling with multiple tasks per job â€“ the case of quality control laboratories in the pharmaceutical industry. International Journal of Production Research, 2012, 50, 691-705.	4.9	10
31	Parallel machine scheduling problems considering regular measures of performance and machine cost. Journal of the Operational Research Society, 2010, 61, 849-857.	2.1	9
32	Minimizing workload balancing criteria on identical parallel machines. Journal of Industrial and Production Engineering, 2013, 30, 160-172.	2.1	9
33	Quality assurance laboratory planning system to maximize worker preference subject to certification and preference balance constraints. Computers and Operations Research, 2017, 83, 140-149.	2.4	9
34	Maximizing the Percentage of On-Time Jobs with Sequence Dependent Deteriorating Process Times. International Journal of Operations Research and Information Systems, 2015, 6, 1-18.	1.0	8
35	MAKESPAN MINIMIZATION ON IDENTICAL PARALLEL MACHINES SUBJECT TO MINIMUM TOTAL FLOW-TIME. Journal of the Chinese Institute of Industrial Engineers, 2004, 21, 220-229.	0.5	6
36	Supplier allocation and safety stock determination based on supplier reliability. International Journal of Logistics Systems and Management, 2010, 7, 412.	0.2	6

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37	Modelo de asignaciÃ³n de compras a proveedores considerando su flexibilidad y probabilidad de incumplimiento en la entrega. Estudios Gerenciales, 2012, 28, 29-48.	0.5	6
38	Scheduling assemble-to-order systems with multiple cells to minimize costs and tardy deliveries. Computers and Industrial Engineering, 2018, 115, 290-303.	3.4	6
39	Minimizing total weighted flowtime subject to minimum makespan on two identical parallel machines. Journal of Intelligent Manufacturing, 2011, 22, 179-190.	4.4	5
40	A fuzzy logic-based information security control assessment for organizations. , 2012, , .		4
41	A note on longest processing time algorithms for the two uniform parallel machine makespan minimization problem. Journal of Scheduling, 2016, 19, 207-211.	1.3	4
42	Hybrid two stage flowshop scheduling with secondary resources based on time buckets. International Journal of Production Research, 2022, 60, 1954-1972.	4.9	4
43	The campaign and lot size scheduling problem: a modification of the Economic Lot Scheduling Problem for the pharmaceutical industry. International Journal of Logistics Systems and Management, 2010, 7, 184.	0.2	3
44	Production planning of parallel resources considering yields, failures and production costs. International Journal of Applied Management Science, 2014, 6, 99.	0.1	3
45	Planning models for floriculture operations. International Journal of Applied Management Science, 2012, 4, 148.	0.1	2
46	Partial Solutions and MultiFit Algorithm for Multiprocessor Scheduling. Mathematical Modelling and Algorithms, 2015, 14, 125-143.	0.5	2
47	Knowledge based representation and operations assessment of space transportation system architectures. Knowledge-Based Systems, 2006, 19, 516-523.	4.0	1
48	The parallel machine scheduling problem with variable demand and a pre-defined lot size. International Journal of Operational Research, 2012, 14, 1.	0.1	1
49	Dynamic Intelligent System for Sourcing Contingency Planning Considering Supplier Failures. , 2012, , .		1
50	A note on posterior tight worst-case bounds for longest processing time schedules. 4or, 2019, 17, 97-107.	1.0	0
51	COVID-19 impact on the operational efficiency of a downtown hotel. Anatolia, 2023, 34, 130-143.	1.3	0