

# Wenchang Luo

## List of Publications by Year in descending order

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26  
papers

240  
citations

1040056

9  
h-index

996975

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-machine scheduling with a variable maintenance activity. <i>Computers and Industrial Engineering</i> , 2015, 79, 168-174.	6.3	58
2	Approximation schemes for two-machine flow shop scheduling with two agents. <i>Journal of Combinatorial Optimization</i> , 2012, 24, 229-239.	1.3	32
3	Scheduling a variable maintenance and linear deteriorating jobs on a single machine. <i>Information Processing Letters</i> , 2015, 115, 33-39.	0.6	27
4	On single-machine scheduling with workload-dependent maintenance duration. <i>Omega</i> , 2017, 68, 119-122.	5.9	20
5	Rescheduling due to machine disruption to minimize the total weighted completion time. <i>Journal of Scheduling</i> , 2018, 21, 565-578.	1.9	15
6	Communication scheduling in data gathering networks of heterogeneous sensors with data compression: Algorithms and empirical experiments. <i>European Journal of Operational Research</i> , 2018, 271, 462-473.	5.7	14
7	Algorithms for Communication Scheduling in Data Gathering Network with Data Compression. <i>Algorithmica</i> , 2018, 80, 3158-3176.	1.3	11
8	Approximation schemes for scheduling a maintenance and linear deteriorating jobs. <i>Journal of Industrial and Management Optimization</i> , 2012, 8, 271-283.	1.3	11
9	Approximation Algorithms for Scheduling with a Variable Machine Maintenance. <i>Lecture Notes in Computer Science</i> , 2010, , 209-219.	1.3	9
10	Single-machine scheduling with job-dependent machine deterioration. <i>Journal of Scheduling</i> , 2019, 22, 691-707.	1.9	7
11	An approximation scheme for rejection-allowed single-machine rescheduling. <i>Computers and Industrial Engineering</i> , 2020, 146, 106574.	6.3	7
12	Speed scaling in two-machine lot-streaming flow shops with consistent sublots. <i>Journal of the Operational Research Society</i> , 2021, 72, 2429-2441.	3.4	6
13	Single-Machine Scheduling with Discretely Controllable Job Processing Times Subject to a Deteriorating Rate-Modifying Activity. <i>American Journal of Mathematical and Management Sciences</i> , 2016, 35, 194-206.	0.9	4
14	An Efficient PTAS for Parallel Machine Scheduling with Capacity Constraints. <i>Lecture Notes in Computer Science</i> , 2016, , 608-623.	1.3	4
15	On the Approximability for the Fault-Tolerant Facility Placement Problem with and without Rejection. <i>American Journal of Mathematical and Management Sciences</i> , 2016, 35, 345-352.	0.9	3
16	Parallel Machine Scheduling on Jobs and Partial Maintenance Activities due to job-Dependent Machine Deteriorations. <i>American Journal of Mathematical and Management Sciences</i> , 2019, 38, 250-260.	0.9	3
17	Approximation Algorithms for Unrelated Machine Scheduling with an Energy Budget. <i>Lecture Notes in Computer Science</i> , 2011, , 244-254.	1.3	3
18	Approximation Scheme for Scheduling Resumable Proportionally Deteriorating Jobs. <i>Lecture Notes in Computer Science</i> , 2011, , 36-45.	1.3	2

#	ARTICLE	IF	CITATIONS
19	On Rescheduling for Two-Machine Flow Shop System with the Arrival of New Jobs. American Journal of Mathematical and Management Sciences, 2018, 37, 262-271.	0.9	1
20	On the Bounded Fault-Tolerant Facility Placement Problem. American Journal of Mathematical and Management Sciences, 2019, 38, 241-249.	0.9	1
21	Approximation Scheme for Order Acceptance and Scheduling on a Single Machine with a Reserved Job. American Journal of Mathematical and Management Sciences, 2019, 38, 117-124.	0.9	1
22	Exact and Approximation Algorithms for Minimizing Energy in Wireless Sensor Data Gathering Network with Data Compression. American Journal of Mathematical and Management Sciences, 0, , 1-11.	0.9	1
23	Two-Agent Scheduling with Cumulative Deteriorating Jobs on a Single Machine. American Journal of Mathematical and Management Sciences, 2014, 33, 287-299.	0.9	0
24	On Two-machine Flow Shop Scheduling. Journal of the Operations Research Society of China, 2014, 2, 333-339.	1.4	0
25	Scheduling Variable Maintenances and Jobs on Unrelated Parallel Machines to Minimize the Total Completion Time. American Journal of Mathematical and Management Sciences, 2016, 35, 327-334.	0.9	0
26	A tardiness-augmented approximation scheme for rejection-allowed multiprocessor rescheduling. Journal of Combinatorial Optimization, 0, , 1.	1.3	0