

Ali Allahverdi

List of Publications by Year in descending order

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78
papers

4,770
citations

147726

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95218

68
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78
all docs

78
docs citations

78
times ranked

2037
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A survey of scheduling problems with setup times or costs. European Journal of Operational Research, 2008, 187, 985-1032. | 3.5 | 1,076 |
| 2 | A review of scheduling research involving setup considerations. Omega, 1999, 27, 219-239. | 3.6 | 695 |
| 3 | The third comprehensive survey on scheduling problems with setup times/costs. European Journal of Operational Research, 2015, 246, 345-378. | 3.5 | 362 |
| 4 | The significance of reducing setup times/setup costs. European Journal of Operational Research, 2008, 187, 978-984. | 3.5 | 211 |
| 5 | A PSO and a Tabu search heuristics for the assembly scheduling problem of the two-stage distributed database application. Computers and Operations Research, 2006, 33, 1056-1080. | 2.4 | 149 |
| 6 | A survey of scheduling problems with no-wait in process. European Journal of Operational Research, 2016, 255, 665-686. | 3.5 | 148 |
| 7 | New heuristics for no-wait flowshops to minimize makespan. Computers and Operations Research, 2003, 30, 1219-1231. | 2.4 | 144 |
| 8 | A self-adaptive differential evolution heuristic for two-stage assembly scheduling problem to minimize maximum lateness with setup times. European Journal of Operational Research, 2007, 182, 80-94. | 3.5 | 126 |
| 9 | New heuristics for m-machine no-wait flowshop to minimize total completion time. Omega, 2004, 32, 345-352. | 3.6 | 105 |
| 10 | Evolutionary heuristics and an algorithm for the two-stage assembly scheduling problem to minimize makespan with setup times. International Journal of Production Research, 2006, 44, 4713-4735. | 4.9 | 72 |
| 11 | New heuristics to minimize total completion time in m-machine flowshops. International Journal of Production Economics, 2002, 77, 71-83. | 5.1 | 68 |
| 12 | Total flowtime in no-wait flowshops with separated setup times. Computers and Operations Research, 1998, 25, 757-765. | 2.4 | 66 |
| 13 | The two-stage assembly scheduling problem to minimize total completion time with setup times. Computers and Operations Research, 2009, 36, 2740-2747. | 2.4 | 64 |
| 14 | Optimizing modular product design for reconfigurable manufacturing. Journal of Intelligent Manufacturing, 2002, 13, 309-316. | 4.4 | 62 |
| 15 | The two-stage assembly flowshop scheduling problem with bicriteria of makespan and mean completion time. International Journal of Advanced Manufacturing Technology, 2008, 37, 166-177. | 1.5 | 60 |
| 16 | Two-Stage Production Scheduling with Separated Set-up Times and Stochastic Breakdowns. Journal of the Operational Research Society, 1995, 46, 896-904. | 2.1 | 54 |
| 17 | The two stage assembly flowshop scheduling problem to minimize total tardiness. Journal of Intelligent Manufacturing, 2015, 26, 225-237. | 4.4 | 54 |
| 18 | Minimizing mean flowtime in a two-machine flowshop with sequence-independent setup times. Computers and Operations Research, 2000, 27, 111-127. | 2.4 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | No-wait flowshops with bicriteria of makespan and maximum lateness. <i>European Journal of Operational Research</i> , 2004, 152, 132-147. | 3.5 | 50 |
| 20 | Optimal selection of module instances for modular products in reconfigurable manufacturing systems. <i>International Journal of Production Research</i> , 2003, 41, 4063-4074. | 4.9 | 49 |
| 21 | Scheduling on a two-machine flowshop subject to random breakdowns with a makespan objective function. <i>European Journal of Operational Research</i> , 1995, 81, 376-387. | 3.5 | 45 |
| 22 | A new heuristic for m-machine flowshop scheduling problem with bicriteria of makespan and maximum tardiness. <i>Computers and Operations Research</i> , 2004, 31, 157-180. | 2.4 | 44 |
| 23 | Heuristics for a two-stage assembly flowshop with bicriteria of maximum lateness and makespan. <i>Computers and Operations Research</i> , 2009, 36, 2682-2689. | 2.4 | 42 |
| 24 | Two-machine proportionate flowshop scheduling with breakdowns to minimize maximum lateness. <i>Computers and Operations Research</i> , 1996, 23, 909-916. | 2.4 | 41 |
| 25 | No-wait flowshop scheduling problem with two criteria; total tardiness and makespan. <i>European Journal of Operational Research</i> , 2018, 269, 590-601. | 3.5 | 41 |
| 26 | No-wait flowshop with separate setup times to minimize maximum lateness. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 35, 551-565. | 1.5 | 37 |
| 27 | Two-machine flowshop minimum-length scheduling problem with random and bounded processing times. <i>International Transactions in Operational Research</i> , 2003, 10, 65-76. | 1.8 | 36 |
| 28 | Total completion time with makespan constraint in no-wait flowshops with setup times. <i>European Journal of Operational Research</i> , 2014, 238, 724-734. | 3.5 | 36 |
| 29 | Scheduling on M parallel machines subject to random breakdowns to minimize expected mean flow time. <i>Naval Research Logistics</i> , 1994, 41, 677-682. | 1.4 | 34 |
| 30 | The two- and m-machine flowshop scheduling problems with bicriteria of makespan and mean flowtime. <i>European Journal of Operational Research</i> , 2003, 147, 373-396. | 3.5 | 34 |
| 31 | Heuristics for the two-machine flowshop scheduling problem to minimise makespan with bounded processing times. <i>International Journal of Production Research</i> , 2010, 48, 6367-6385. | 4.9 | 34 |
| 32 | Some effective heuristics for no-wait flowshops with setup times to minimize total completion time. <i>Annals of Operations Research</i> , 2007, 156, 143-171. | 2.6 | 33 |
| 33 | Using two-machine flowshop with maximum lateness objective to model multimedia data objects scheduling problem for WWW applications. <i>Computers and Operations Research</i> , 2002, 29, 971-994. | 2.4 | 32 |
| 34 | An artificial immune system heuristic for two-stage multi-machine assembly scheduling problem to minimize total completion time. <i>Journal of Manufacturing Systems</i> , 2013, 32, 825-830. | 7.6 | 32 |
| 35 | New heuristics for no-wait flow shops with a linear combination of makespan and maximum lateness. <i>International Journal of Production Research</i> , 2009, 47, 5717-5738. | 4.9 | 30 |
| 36 | Single machine scheduling problem with interval processing times to minimize mean weighted completion time. <i>Computers and Operations Research</i> , 2014, 51, 200-207. | 2.4 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Production in a two-machine flowshop scheduling environment with uncertain processing and setup times to minimize makespan. <i>International Journal of Production Research</i> , 2015, 53, 2803-2819. | 4.9 | 29 |
| 38 | Minimizing total tardiness in no-wait flowshops. <i>Foundations of Computing and Decision Sciences</i> , 2012, 37, 149-162. | 0.5 | 27 |
| 39 | Scheduling in stochastic flowshops with independent setup, processing and removal times. <i>Computers and Operations Research</i> , 1997, 24, 955-960. | 2.4 | 26 |
| 40 | Two-machine flowshop scheduling problem to minimize makespan or total completion time with random and bounded setup times. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2003, 2003, 2475-2486. | 0.3 | 25 |
| 41 | No-wait flowshop scheduling problem with separate setup times to minimize total tardiness subject to makespan. <i>Applied Mathematics and Computation</i> , 2020, 365, 124688. | 1.4 | 25 |
| 42 | A branch-and-bound algorithm for three-machine flowshop scheduling problem to minimize total completion time with separate setup times. <i>European Journal of Operational Research</i> , 2006, 169, 767-780. | 3.5 | 24 |
| 43 | Increasing the profitability and competitiveness in a production environment with random and bounded setup times. <i>International Journal of Production Research</i> , 2013, 51, 106-117. | 4.9 | 24 |
| 44 | Heuristics for no-wait flowshops with makespan subject to mean completion time. <i>Applied Mathematics and Computation</i> , 2012, 219, 351-359. | 1.4 | 23 |
| 45 | Algorithms for no-wait flowshops with total completion time subject to makespan. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 68, 2237-2251. | 1.5 | 22 |
| 46 | Two-stage assembly scheduling problem for minimizing total tardiness with setup times. <i>Applied Mathematical Modelling</i> , 2016, 40, 7796-7815. | 2.2 | 22 |
| 47 | Algorithms for minimizing the number of tardy jobs for reducing production cost with uncertain processing times. <i>Applied Mathematical Modelling</i> , 2017, 45, 982-996. | 2.2 | 22 |
| 48 | A polynomial time heuristic for the two-machine flowshop scheduling problem with setup times and random processing times. <i>Applied Mathematical Modelling</i> , 2013, 37, 7164-7173. | 2.2 | 21 |
| 49 | Two-machine flowshop scheduling problem to minimize total completion time with bounded setup and processing times. <i>International Journal of Production Economics</i> , 2006, 103, 386-400. | 5.1 | 17 |
| 50 | Batching deteriorating items with applications in computer communication and reverse logistics. <i>European Journal of Operational Research</i> , 2007, 182, 1002-1011. | 3.5 | 16 |
| 51 | Two-machine flowshop scheduling problem with bounded processing times to minimize total completion time. <i>Computers and Mathematics With Applications</i> , 2010, 59, 684-693. | 1.4 | 15 |
| 52 | Heuristics for the two-machine flowshop scheduling problem to minimize maximum lateness with bounded processing times. <i>Computers and Mathematics With Applications</i> , 2010, 60, 1374-1384. | 1.4 | 15 |
| 53 | No-wait flowshop scheduling problem to minimize the number of tardy jobs. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 61, 311-323. | 1.5 | 15 |
| 54 | The Tricriteria Two-Machine Flowshop Scheduling Problem. <i>International Transactions in Operational Research</i> , 2001, 8, 403-425. | 1.8 | 13 |

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|----|--|-----|-----------|
| 55 | Minimizing the bicriteria of makespan and maximum tardiness with an upper bound on maximum tardiness. <i>Computers and Operations Research</i> , 2009, 36, 1268-1283. | 2.4 | 13 |
| 56 | No-Wait Flowshops to Minimize Total Tardiness with Setup Times. <i>Intelligent Control and Automation</i> , 2015, 06, 38-44. | 1.0 | 13 |
| 57 | Stochastically minimizing total flowtime in flowshops with no waiting space. <i>European Journal of Operational Research</i> , 1999, 113, 101-112. | 3.5 | 11 |
| 58 | Minimising maximum tardiness in assembly flowshops with setup times. <i>International Journal of Production Research</i> , 2017, 55, 7541-7565. | 4.9 | 11 |
| 59 | Scheduling in manufacturing systems: new trends and perspectives. <i>International Journal of Production Research</i> , 2018, 56, 6333-6335. | 4.9 | 11 |
| 60 | Two-machine no-wait flowshop scheduling problem with uncertain setup times to minimize maximum lateness. <i>Computational and Applied Mathematics</i> , 2018, 37, 6774-6794. | 1.3 | 11 |
| 61 | The three-machine flowshop scheduling problem to minimise maximum lateness with separate setup times. <i>International Journal of Operational Research</i> , 2007, 2, 135. | 0.1 | 9 |
| 62 | Continuous improvement in the Industrial and Management Systems Engineering programme at Kuwait University. <i>European Journal of Engineering Education</i> , 2016, 41, 369-379. | 1.5 | 8 |
| 63 | Minimizing the number of tardy jobs on a two-stage assembly flowshop. <i>Journal of Industrial and Production Engineering</i> , 2016, 33, 391-403. | 2.1 | 8 |
| 64 | Algorithms for four-machine flowshop scheduling problem with uncertain processing times to minimize makespan. <i>RAIRO - Operations Research</i> , 2020, 54, 529-553. | 1.0 | 8 |
| 65 | A branch-and-bound algorithm for the three-machine flowshop scheduling problem with bicriteria of makespan and total flowtime. <i>International Transactions in Operational Research</i> , 2004, 11, 323-339. | 1.8 | 6 |
| 66 | THREE-MACHINE FLOWSHOP SCHEDULING PROBLEM TO MINIMIZE MAKESPAN WITH BOUNDED SETUP AND PROCESSING TIMES. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2008, 25, 52-61. | 0.5 | 5 |
| 67 | A better dominance relation and heuristics for Two-Machine No-Wait Flowshops with Maximum Lateness Performance Measure. <i>Journal of Industrial and Management Optimization</i> , 2021, 17, 1973. | 0.8 | 5 |
| 68 | Simulation of different rules in stochastic flowshops. <i>Computers and Industrial Engineering</i> , 1996, 31, 209-212. | 3.4 | 4 |
| 69 | Using a Hybrid Evolutionary Algorithm to Minimize Variance in Response Time for Multimedia Object Requests. <i>Mathematical Modelling and Algorithms</i> , 2005, 4, 435-453. | 0.5 | 4 |
| 70 | Improving educational objectives of the Industrial and Management Systems Engineering programme at Kuwait University. <i>European Journal of Engineering Education</i> , 2016, 41, 252-262. | 1.5 | 4 |
| 71 | Minimizing total completion time for flowshop scheduling problem with uncertain processing times. <i>RAIRO - Operations Research</i> , 2021, 55, S929-S946. | 1.0 | 3 |
| 72 | An algorithm for a no-wait flowshop scheduling problem for minimizing total tardiness with a constraint on total completion time. <i>International Journal of Industrial Engineering Computations</i> , 2022, 13, 43-50. | 0.4 | 3 |

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|----|--|-----|-----------|
| 73 | Project Scheduling Problem with Weighted Multi-Skill Resources: Enhancing the Efficiency of Project Scheduling. , 2010, , . | | 2 |
| 74 | Computer Assembly Scheduling Problem. , 2006, , . | | 1 |
| 75 | Heuristic algorithms for minimizing total completion time in a two-machine flowshop with sequence-independent setup times. , 2009, , . | | 1 |
| 76 | Algorithms to minimize total completion time in a two-machine flowshop problem with uncertain set-up times. Engineering Optimization, 2021, 53, 1417-1430. | 1.5 | 1 |
| 77 | An Improved Algorithm for Minimizing Makespan on Flowshops with Uncertain Processing Times. Uluslararası Mühendislik Arastırma Ve Gelistirme Dergisi, 2021, 13, 521-530. | 0.1 | 0 |
| 78 | Scheduling Requests on Multi-Stage Multi-Server to Increase Quality of Service. IFIP Advances in Information and Communication Technology, 2003, , 14-25. | 0.5 | 0 |