

# Ajai Jain

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

493  
citations

933447

10  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on manufacturing flexibility. International Journal of Production Research, 2013, 51, 5946-5970.	7.5	134
2	Integration of process planning and scheduling: a state-of-the-art review. International Journal of Computer Integrated Manufacturing, 2011, 24, 517-534.	4.6	83
3	An integrated scheme for process planning and scheduling in FMS. International Journal of Advanced Manufacturing Technology, 2006, 30, 1111-1118.	3.0	66
4	Modelling and multi-objective optimization of process parameters of wire electrical discharge machining using non-dominated sorting genetic algorithm-II. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 1986-2001.	2.4	46
5	An approach for integration of process planning and scheduling. International Journal of Computer Integrated Manufacturing, 2013, 26, 284-302.	4.6	40
6	A review on job shop scheduling with setup times. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 517-533.	2.4	32
7	An Investigation on Machinability of Al/10 % ZrO <sub>2</sub> (P)-Metal Matrix Composite by WEDM and Parametric Optimization Using Desirability Function Approach. Arabian Journal for Science and Engineering, 2014, 39, 3251-3270.	1.1	28
8	Effect of routing flexibility and sequencing rules on performance of stochastic flexible job shop manufacturing system with setup times: Simulation approach. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2017, 231, 329-345.	2.4	24
9	Analysis of dispatching rules in a stochastic dynamic job shop manufacturing system with sequence-dependent setup times. Frontiers of Mechanical Engineering, 2014, 9, 380-389.	4.3	17
10	Assessing the impact of changing available multiple process plans of a job type on mean tardiness in job shop scheduling. International Journal of Advanced Manufacturing Technology, 2015, 80, 1521-1545.	3.0	10
11	New setup-oriented dispatching rules for a stochastic dynamic job shop manufacturing system with sequence-dependent setup times. Concurrent Engineering Research and Applications, 2016, 24, 58-68.	3.2	9
12	Stochastic Dynamic Job Shop Scheduling with Sequence-Dependent Setup Times: Simulation Experimentation. Journal of Engineering & Technology, 2015, 5, 19.	0.1	3
13	Investigation and Analysis of Surface Veracity and Parametric Aspects During $\text{Wire}_{\text{EDM}}$ of $\text{Al}/\text{ZrO}_{2(p)}$ -Metal Matrix Composite. Arabian Journal for Science and Engineering, 2022, 47, 8417-8438.	3.0	1
14	An integrated production planning and scheduling framework for make-to-order environment. Journal of Engineering & Technology, 2013, 3, 124.	0.1	0
15	An integrated approach for multi-period manufacturing planning of job-shops. International Journal of Manufacturing Research, 2020, 15, 148.	0.2	0