

# Rakesh Kumar Phanden

## List of Publications by Year in descending order

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25  
papers

396  
citations

932766

10  
h-index

940134

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact characteristics of DHAK fiber composites. Materials Today: Proceedings, 2021, 38, 52-55.	0.9	0
2	A novel modified ant colony optimization based maximum power point tracking controller for photovoltaic systems. Materials Today: Proceedings, 2021, 38, 89-93.	0.9	19
3	Welding of super alloys: A review. Materials Today: Proceedings, 2021, 38, 265-268.	0.9	10
4	Design and optimization of suspension for formula Society of Automotive Engineers (FSAE) vehicle. Materials Today: Proceedings, 2021, 38, 229-233.	0.9	0
5	Fabrication and bend testing of DHAK fiber composites. Materials Today: Proceedings, 2021, 38, 48-51.	0.9	0
6	A review on simulation in digital twin for aerospace, manufacturing and robotics. Materials Today: Proceedings, 2021, 38, 174-178.	0.9	48
7	A review on environment friendly and lightweight Magnesium-Based metal matrix composites and alloys. Materials Today: Proceedings, 2021, 38, 359-364.	0.9	67
8	ANN based robust bidirectional charger for electric vehicles. Materials Today: Proceedings, 2021, 38, 80-84.	0.9	6
9	Thermodynamic investigation of intercooled reheat gas turbine combined cycle with carbon capture and methanation. Materials Today: Proceedings, 2021, 38, 449-455.	0.9	7
10	An experimental study on the flight time of quadcopter using solar energy. Materials Today: Proceedings, 2021, 38, 269-273.	0.9	0
11	Identification of Factors for Lean and Agile Manufacturing Systems in Rolling Industry. Lecture Notes in Mechanical Engineering, 2021, , 367-378.	0.3	0
12	Improvements in Production Line Using ProModel® Simulation Software: A Case Study of Beer Beverage Company in India. Lecture Notes in Mechanical Engineering, 2021, , 9-21.	0.3	0
13	Ranking of Factors for Integrated Lean, Green and Agile Manufacturing for Indian Manufacturing SMEs. Lecture Notes in Mechanical Engineering, 2020, , 203-219.	0.3	4
14	Biogeographical and Variable Neighborhood Search Algorithm for Optimization of Flexible Job Shop Scheduling. Lecture Notes in Mechanical Engineering, 2019, , 489-503.	0.3	10
15	Selection of material for electric arc spraying by using hierarchical entropy-TOPSIS approach. International Journal of Productivity and Quality Management, 2019, 26, 276.	0.1	2
16	Agile System in Health Care: Literature Review. Lecture Notes in Mechanical Engineering, 2019, , 643-652.	0.3	18
17	A Framework for Flexible Job Shop Scheduling Problem Using Simulation-Based Cuckoo Search Optimization. Lecture Notes in Mechanical Engineering, 2019, , 247-262.	0.3	6
18	Application of genetic algorithm and variable neighborhood search to solve the facility layout planning problem in job shop production system. , 2018, , .		17

#	ARTICLE	IF	CITATIONS
19	Simulation based cuckoo search optimization algorithm for flexible job shop scheduling problem. , 2018, , .		12
20	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.	1.5	10
21	Assessment of makespan performance for flexible process plans in job shop scheduling. IFAC-PapersOnLine, 2015, 48, 1948-1953.	0.5	13
22	An approach for integration of process planning and scheduling. International Journal of Computer Integrated Manufacturing, 2013, 26, 284-302.	2.9	40
23	A genetic algorithmâ€based approach for job shop scheduling. Journal of Manufacturing Technology Management, 2012, 23, 937-946.	3.3	19
24	Integration of process planning and scheduling: a state-of-the-art review. International Journal of Computer Integrated Manufacturing, 2011, 24, 517-534.	2.9	83
25	A Genetic Algorithm-Based Approach for Flexible Job Shop Scheduling. Applied Mechanics and Materials, 0, 110-116, 3930-3937.	0.2	5