

List of Publications in Reputed Journal

First Author	Authors	Title	Journal	Volume	Issue	Page No.	Year	Impact Factor	DOI
Rashmi Singh	M Mathirajan	Simulation modeling techniques for managing epidemic outbreak: a review, classification schemes, and meta-analysis	<i>Journal of Simulation</i>	NA	NA	1-20	2022	2.205	10.1080/17477778.2022.2067012
Rashmi Singh	M Mathirajan	A New Stage-Wise Control Release Policy for Semiconductor Wafer Fabrication Systems	<i>IEEE Transactions on Semiconductor Manufacturing</i>	34	1	115-134	2021	2.874	10.1109/TSMT.2020.3042856
Rashmi Singh	M Mathirajan	Investigation of Different Inputs and A New Release Policy in Proposed Simulation Model for Wafer Fabrication System	<i>Sadhana</i>	44	2	41(1-19)	2019	1.188	https://www.ias.ac.in/article/fulltext/sadh/044/02/0041
Rashmi Singh	M Mathirajan	Experimental Investigation for Performance Assessment of Scheduling Policies in Semiconductor Wafer Fabrication – A Simulation Approach	<i>International Journal of Advanced Manufacturing Technology</i>	99	5-8	1503 - 1520	2018	3.266	https://link.springer.com/article/10.1007/s00170-018-2414-y
Mahamaya Mohanty	Rashmi Singh and Ravi Shankar	Improving the Operational Efficiency of Outbound Retail Logistics Using Clustering of Retailers and Consumers	<i>Journal of Modelling in Management</i>	13	3	646-674	2018	1.86	https://doi.org/10.1108/JM2-12-2016-0137

International Conference & Paper Presentation Details:

First Author	Author's	Title	Conference	Year	Venue & Date
Pragya Bajpai	Rashmi Singh	Optimize the Idle Freight for Flat Products Via Rail Network: Case Study in Steel Industry	<i>13th Conference of the Association of Asia Pacific Operations Research Societies (2022 APORS)</i>	2022	Eastwood Richmonde Hotel, Quezon City, Manila (November 9 - 12, 2022)
Rashmi Singh	M Mathirajan	A Simulation Study for Assessing the Impact of Release Policies, Dispatching Rules and System Factors in Semiconductor Wafer Fabrication	<i>Fourth International Conference on Business Analytics and Intelligence (ICBAI 2016)</i>	2016	Indian Institute of Science, Bangalore, India (19-21, Dec. 2016).
Rashmi Singh	M Mathirajan	Simulation Based Experimental Investigation for Performance Assessment of Scheduling Policies in Wafer Fabrication.	<i>International Symposium on Semiconductor Manufacturing Intelligence (ISM2015)</i>	2015	KAIST, Daejeon, South Korea (16-18, Oct. 2015).
Rashmi Singh	M Mathirajan	Simulation Based Cause and Effect analysis of Input Variables in Wafer Fabrication Re-entrant Flow.	<i>Multidisciplinary International Scheduling Conference: Theory & Applications (MISTA 2015)</i>	2015	Prague, Czech Republic (25th – 28th August 2015).
Rashmi Singh	M Mathirajan	A Conceptual Framework for the Performance Assessment of Lot Release Policies	<i>The IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2014)</i>	2014	Malaysia, pp: 948-952, (9 th to 12 th December).

National Conference & Paper Presentation Details:

- Rashmi Singh and M Mathirajan. (2015). A Conceptual Simulation Framework for the Performance Assessment of Input Variables in Wafer Fabrication. *Presented in National Conference on Recent Trends and Developments in Statistics (NCRTDS)*, 21st – 23rd February, 2015, M.D. University, and Rohtak.
- Rashmi Singh and M Mathirajan. (2012). Lot Release Control in Semiconductor Wafer Fabrication. *Presented in Conference on Optimization Modelling and Applications (OPTIMA)*, 29th October-1st November, 2012, Delhi University, New Delhi.