

# Faisal Hasan

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

452  
citations

840776

11  
h-index

752698

20  
g-index

39  
all docs

39  
docs citations

39  
times ranked

432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural network simulation for prediction of suspended sediment concentration in the River Ramganga, Ganges Basin, India. <i>International Journal of Sediment Research</i> , 2019, 34, 95-107.	3.5	68
2	Neural network model for discharge and water-level prediction for Ramganga River catchment of Ganga Basin, India. <i>Hydrological Sciences Journal</i> , 2016, 61, 2084-2095.	2.6	66
3	Configuration selection for a reconfigurable manufacturing flow line involving part production with operation constraints. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 2137-2156.	3.0	48
4	Optimum configuration selection in Reconfigurable Manufacturing System involving multiple part families. <i>Opsearch</i> , 2014, 51, 297-311.	1.8	30
5	Physiological Effect of Vibrations on Tractor Drivers under Variable Ploughing Conditions. <i>Journal of Occupational Health</i> , 2004, 46, 403-409.	2.1	29
6	Estimation of suspended sediment load using three neural network algorithms in Ramganga River catchment of Ganga Basin, India. <i>Sustainable Water Resources Management</i> , 2019, 5, 1115-1131.	2.1	26
7	Service Level as Performance Index for Reconfigurable Manufacturing System Involving Multiple Part Families. <i>Procedia Engineering</i> , 2014, 69, 814-821.	1.2	22
8	Machine Reconfigurability Models Using Multi-Attribute Utility Theory and Power Function Approximation. <i>Procedia Engineering</i> , 2013, 64, 1354-1363.	1.2	21
9	Robotically assisted percutaneous coronary intervention: benefits to the patient and the cardiologist. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 1165-1168.	1.5	15
10	Long-term results after robotically assisted coronary bypass surgery. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 556-562.	1.7	15
11	Product family formation based on multiple product similarities for a reconfigurable manufacturing system. <i>International Journal of Modelling in Operations Management</i> , 2015, 5, 247.	0.0	14
12	Design of a workstation and its evaluation under the influence of noise and illumination for an assembly task. <i>Work</i> , 2011, 39, 3-14.	1.1	8
13	Genetic Modelling for Selecting Optimal Machine Configurations in Reconfigurable Manufacturing System. <i>Applied Mechanics and Materials</i> , 0, 789-790, 1229-1239.	0.2	8
14	Scalability of reconfigurable manufacturing systems based on bowl phenomenon: an implication of modular machines. <i>International Journal of Industrial and Systems Engineering</i> , 2016, 22, 73.	0.2	8
15	Structural and mechanical properties of microwave hybrid sintered aluminium silicon carbide composite. <i>Advances in Materials and Processing Technologies</i> , 2019, 5, 559-567.	1.4	8
16	Effect of nanoparticles in cutting fluid for structural machining of Inconel 718. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 259-276.	1.4	8
17	Human Performance under the Impact of Continuous and Intermittent Noise in a Manual Machining Task. <i>Noise and Vibration Worldwide</i> , 2004, 35, 10-15.	1.0	7
18	Performance modelling of dispatching strategies under resource failure scenario in reconfigurable manufacturing system. <i>International Journal of Industrial and Systems Engineering</i> , 2014, 16, 322.	0.2	5

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19	An integrated reverse engineering and rapid prototyping approach towards reconstruction of damaged impeller. <i>International Journal of Industrial and Systems Engineering</i> , 2016, 23, 393.	0.2	5
20	Design and manufacture of a custom ankle-foot orthoses using traditional manufacturing and fused deposition modeling. <i>Progress in Additive Manufacturing</i> , 2021, 6, 555-570.	4.8	5
21	A sustainable ecofriendly additive manufacturing approach of repairing and coating on the substrate: cold spray. <i>Australian Journal of Mechanical Engineering</i> , 2023, 21, 1624-1641.	2.1	5
22	An approach towards scalability for reconfigurable product flow line through unbalancing. <i>International Journal of Modelling in Operations Management</i> , 2013, 3, 118.	0.0	4
23	Vibration Effects on Cognitive Task Performance in a Rural Road Automobile Driving Environment. <i>Noise and Vibration Worldwide</i> , 2007, 38, 11-19.	1.0	3
24	Performance modeling of reconfigurable manufacturing system for different dispatching strategies under exception. , 2012, , .		3
25	Prediction of machine reconfigurability using artificial neural network for a reconfigurable serial product flow line. <i>International Journal of Industrial and Systems Engineering</i> , 2014, 18, 283.	0.2	3
26	Material Perspective and Deformation Pattern of Micro-sized Metallic Particle Using Cold Gas Dynamic Spray. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2019, , 393-401.	0.6	3
27	An Adaptive Algorithm for Multiple Part Families Manufacturing Selection in Reconfigurable Flow Lines. <i>Communications in Computer and Information Science</i> , 2020, , 133-144.	0.5	3
28	Effects of vibration push force, exposure duration and working posture on operators performing a grinding task. <i>Occupational Ergonomics</i> , 2010, 9, 13-26.	0.3	2
29	A neural network-based approach for part family classification for a reconfigurable manufacturing system. <i>International Journal of Operational Research</i> , 2016, 25, 143.	0.2	2
30	A comparative study of classifier techniques for lift index data analysis. <i>Benchmarking</i> , 2018, 25, 632-641.	4.6	2
31	Robot-assisted totally endoscopic coronary bypass surgery. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 34, 94-104.	0.6	2
32	Effect of noise, heat stress and exposure duration on operators in a die casting operation. <i>Occupational Ergonomics</i> , 2008, 7, 233-245.	0.3	2
33	Part family formation using skip moves and lazy machines in a reconfigurable manufacturing system. <i>International Journal of Modelling in Operations Management</i> , 2015, 5, 196.	0.0	1
34	Residual stress investigation in the metallic coating approach of micro-sized particles on the substrate: cold spray additive manufacturing. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 4642-4658.	1.4	1
35	Design of Active Noise Control System Using Phase Shift Network for a Hydraulic Surface Grinder. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2006, 25, 55-61.	2.9	0
36	New Ways of Thinking About Senescent Bioprosthetic Heart Valve Therapy. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1745-1747.	2.9	0

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37	Optimum Machines Allocation in a Serial Production Line Using NSCA-II and TOPSIS. Lecture Notes on Multidisciplinary Industrial Engineering, 2018, , 411-434.	0.6	0
38	Service Level as Performance Indicator for Multiple Part Families in a Reconfigurable Manufacturing System. Journal of Mechanical Engineering and Sciences, 2013, 5, 696-706.	0.6	0
39	Production Rate and Availability Considerations for Reconfigurable Manufacturing System under Degraded Performance Mode. Journal of the Association of Engineers India, 2014, 84, 17.	0.1	0