

Tejinder Paul Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4234973/publications.pdf>

Version: 2024-02-01

36
papers

1,111
citations

567281

15
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification by electrical discharge machining: A review. Journal of Materials Processing Technology, 2009, 209, 3675-3687.	6.3	404
2	Copper oxide nano-particles as friction-reduction and anti-wear additives in lubricating oil. Journal of Mechanical Science and Technology, 2015, 29, 793-798.	1.5	107
3	Measuring parameters of lean manufacturing realization. Measuring Business Excellence, 2012, 16, 57-71.	2.4	95
4	A hybrid Taguchi-artificial neural network approach to predict surface roughness during electric discharge machining of titanium alloys. Journal of Mechanical Science and Technology, 2014, 28, 2831-2844.	1.5	71
5	Mechanisms in turning of metal matrix composites: a review. Journal of Materials Research and Technology, 2015, 4, 197-207.	5.8	67
6	Electric discharge machining of titanium and its alloys: a review. International Journal of Machining and Machinability of Materials, 2012, 11, 84.	0.1	27
7	Investigations for mechanical, thermal and magnetic properties of polymeric composite matrix for four-dimensional printing applications. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	27
8	Comparison of material transfer in electrical discharge machining of AISI H13 die steel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2009, 223, 1733-1740.	2.1	26
9	Complex Order PI [±] +jI ² D [±] +jI, Design for Surface Roughness Control in Machining CNT Al-Mg Hybrid Composites. Advances in Science, Technology and Engineering Systems, 2020, 5, 299-306.	0.5	21
10	Machine Learning-Based Predictive Modeling and Control of Lean Manufacturing in Automotive Parts Manufacturing Industry. Global Journal of Flexible Systems Management, 2022, 23, 89-112.	6.3	21
11	Neural network optimization by comparing the performances of the training functions -Prediction of heat transfer from horizontal tube immersed in gas-solid fluidized bed. International Journal of Heat and Mass Transfer, 2015, 83, 337-344.	4.8	20
12	Analysis of Relationship Between Manufacturing Flexibility and Lean Manufacturing Using Structural Equation Modelling. Global Journal of Flexible Systems Management, 2018, 19, 139-157.	6.3	20
13	ARX/ARMAX Modeling and Fractional Order Control of Surface Roughness in Turning Nano-Composites. , 2019, , .		20
14	Tool path planning of hole-making operations in ejector plate of injection mould using modified shuffled frog leaping algorithm. Journal of Computational Design and Engineering, 2016, 3, 266-273.	3.1	19
15	Experimental investigation of horizontal tube immersed in gas-solid fluidized bed of large particles using artificial neural network. International Journal of Heat and Mass Transfer, 2014, 70, 719-724.	4.8	17
16	Determinants of creativity and innovation in the workplace: a comprehensive review. International Journal of Technology, Policy and Management, 2009, 9, 84.	0.3	16
17	A review on effect of powder metallurgy process on mechanical and tribological properties of Hybrid nano composites. Materials Today: Proceedings, 2018, 5, 5802-5808.	1.8	16
18	Investigating surface properties of cryogenically treated titanium alloys in powder mixed electric discharge machining. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 2635-2648.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Lean Manufacturing through Management of Labor and Machine Flexibility : A Comprehensive Review. Global Journal of Flexible Systems Management, 2011, 12, 59-80.	6.3	12
20	Optimization of the Deposition Parameters of DLC Coatings with the IC-PECVD Method. Particulate Science and Technology, 2015, 33, 119-123.	2.1	12
21	MHAC – An Assessment Tool for Analysing Manual Material Handling Tasks. International Journal of Occupational Safety and Ergonomics, 2008, 14, 223-235.	1.9	11
22	Machine learning based predictive modeling and control of surface roughness generation while machining micro boron carbide and carbon nanotube particle reinforced Al-Mg matrix composites. Particulate Science and Technology, 0, , 1-18.	2.1	11
23	An assessment of the technology innovation initiatives in the Indian small-scale manufacturing industry. International Journal of Technology, Policy and Management, 2009, 9, 173.	0.3	10
24	Significant Parameters of Labour Flexibility Contributing to Lean Manufacturing. Global Journal of Flexible Systems Management, 2013, 14, 93-105.	6.3	10
25	Artificial Neural Network Based Prediction of Heat Transfer From Horizontal Tube Bundles Immersed in Gas – Solid Fluidized Bed of Large Particles. Journal of Heat Transfer, 2015, 137, .	2.1	10
26	An Experimental Study to Evaluate the Effect of Ambient Temperature during Manual Lifting and Design of Optimal Task Parameters. Human Factors and Ergonomics in Manufacturing, 2014, 24, 54-70.	2.7	6
27	Processing and characterization of SS316 based metal matrix composite casting through microwave hybrid heating. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 10508-10527.	2.1	6
28	Strategic alignment of technological innovation initiatives in cutting tool industry in the region. International Journal of Technology, Policy and Management, 2009, 9, 358.	0.3	3
29	Optimization of hole-making operations for injection mould using particle swarm optimization algorithm. International Journal of Industrial Engineering Computations, 2015, 6, 433-444.	0.7	3
30	Study on Reflector Material Optimization of a Parabolic Solar Concentrator. Lecture Notes in Electrical Engineering, 2015, , 275-284.	0.4	2
31	Estimation of time of tracking for designed absorber used in domestic solar desalination system using experimental and Finite Element analysis (ANSYS). Materials Today: Proceedings, 2017, 4, 2516-2524.	1.8	2
32	Determining Safe Limits for Significant Task Parameters During Manual Lifting. Workplace Health and Safety, 2014, 62, 150-160.	1.4	2
33	Multi-stage Primary and Secondary Recycled PLA Composite Matrix for 3D Printing Applications. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2022, 92, 677-698.	1.2	1
34	Modeling, Simulation and Experimental Validation of Electric Discharge Machining of NiTi Alloys. International Review on Modelling and Simulations, 2015, 8, 165.	0.3	0
35	On Investigation of Dimensional Deviation for Hybrid Composite Matrix of PLA. Lecture Notes in Mechanical Engineering, 2021, , 99-107.	0.4	0
36	Lean Enhancement by Application of Total Interpretive Structural Modelling. International Journal of Social Ecology and Sustainable Development, 2022, 13, 0-0.	0.2	0