

Dharmendra Singh

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

516
citations

840585

11
h-index

677027

22
g-index

30
all docs

30
docs citations

30
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy AHP approach for barriers to implement LSS in the context of Industry 4.0. International Journal of Productivity and Performance Management, 2023, 72, 2559-2583.	2.2	7
2	Lean production performance indicators for medium and small manufacturing enterprises: modelling through analytical hierarchy process. International Journal of Systems Assurance Engineering and Management, 2022, 13, 978-997.	1.5	10
3	Development of flat-plate building integrated photovoltaic/thermal (BIPV/T) system: A review. Materials Today: Proceedings, 2021, 46, 5342-5352.	0.9	15
4	Multi-objective optimization of process parameters of Fused Deposition Modeling (FDM) for printing Polylactic Acid (PLA) polymer components. Materials Today: Proceedings, 2021, 45, 4880-4885.	0.9	30
5	Development and validation of DMAIC based framework for process improvement: a case study of Indian manufacturing organization. International Journal of Quality and Reliability Management, 2021, 38, 1964-1991.	1.3	7
6	Insight to the evolution of nano precipitates by cryo rolling plus warm rolling and their effect on mechanical properties in Al 6061 alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 811, 141072.	2.6	11
7	Analysis of lean implementation barriers in Indian ceramic industries: modeling through an interpretive ranking process. International Journal of Productivity and Performance Management, 2021, ahead-of-print, .	2.2	9
8	An ISM approach for lean implementation barriers in labor intensive Indian ceramic SMEs. International Journal of Productivity and Quality Management, 2020, 1, 1.	0.1	1
9	Numerical Analysis of Joukowski ($T\epsilon\%=\hat{\epsilon}\%12\%$) Airfoil by $k-\mu$ Turbulence Model at High Reynolds Number. Proceedings in Adaptation, Learning and Optimization, 2020, , 320-329.	1.5	4
10	CO2 emission reduction potential of a typical Indian village. AIP Conference Proceedings, 2020, , .	0.3	0
11	Evolution of microstructure and mechanical properties in 2014 and 6063 similar and dissimilar aluminium alloy laminates produced by accumulative roll bonding. Journal of Alloys and Compounds, 2019, 790, 917-927.	2.8	24
12	Precipitation hardening behaviour of Al-Mg-Si alloy processed by cryorolling and room temperature rolling. Materials Research Express, 2018, 5, 046529.	0.8	7
13	Combustion Characteristics of CI Diesel Engine Fuelled With Blends of Jatropha Oil Biodiesel. IOP Conference Series: Materials Science and Engineering, 2018, 330, 012075.	0.3	1
14	Effect of heat treatment and uniaxial deformation on thermal stability and wear behavior of AA 2014 alloy. Materials Today: Proceedings, 2018, 5, 3610-3617.	0.9	2
15	Prediction of hot deformation behavior of high phosphorus steel using artificial neural network. IOP Conference Series: Materials Science and Engineering, 2018, 330, 012038.	0.3	4
16	Performance evaluation of solar photovoltaic panel driven refrigeration system. IOP Conference Series: Materials Science and Engineering, 2018, 330, 012133.	0.3	3
17	Effect of initial grain size on microstructure and mechanical behavior of cryorolled AA 5083. Materials Today: Proceedings, 2017, 4, 7609-7617.	0.9	10
18	Effect of ageing on tensile behavior of ultrafine grained Al 6061 alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 641, 391-401.	2.6	36

#	ARTICLE	IF	CITATIONS
19	Mechanical properties and microstructural evolution of Al 6061 alloy processed by multidirectional forging at liquid nitrogen temperature. <i>Materials & Design</i> , 2014, 56, 97-104.	5.1	99
20	Comparative Study of Microstructure and Mechanical Properties of Al 6063 Alloy Processed by Multi Axial Forging at 77K and Cryorolling. <i>Procedia Engineering</i> , 2014, 75, 129-133.	1.2	24
21	Enhancement in Strength and Ductility of Al-Mg-Si Alloy by Cryorolling followed by Warm Rolling. <i>Procedia Engineering</i> , 2014, 75, 123-128.	1.2	22
22	High cyclic fatigue behaviour of ultrafine grained Al 5083 alloy. <i>Materials Science and Technology</i> , 2014, 30, 1835-1842.	0.8	15
23	Effect of Post Cryorolling Treatments on Microstructural and Mechanical Behaviour of Ultrafine Grained Al-Mg-Si Alloy. <i>Journal of Materials Science and Technology</i> , 2014, 30, 998-1005.	5.6	23
24	Effect of deformation temperature on mechanical properties of ultrafine grained Al-Mg alloys processed by rolling. <i>Materials & Design</i> , 2013, 50, 646-655.	5.1	81
25	Microstructures and impact toughness behavior of Al 5083 alloy processed by cryorolling and afterwards annealing. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2013, 20, 759-769.	2.4	55
26	Microstructural Studies of Al 5083 Alloy Deformed through Cryorolling. <i>Advanced Materials Research</i> , 0, 585, 376-380.	0.3	10
27	Effect of Pre-Ageing on the Age Hardening Response of Cryorolled Al-Mg-Si Alloy. <i>Applied Mechanics and Materials</i> , 0, 877, 137-148.	0.2	0
28	Combustion Characteristics of Single Cylinder Diesel Engine Fueled with Blends of Thumba Biodiesel as an Alternative Fuel. <i>Materials Science Forum</i> , 0, 969, 451-460.	0.3	3
29	Numerical Analysis of Constrained Groove Pressing and Mechanical Behaviour of Processed 316L Stainless Steel. <i>Materials Science Forum</i> , 0, 969, 901-908.	0.3	3
30	Influence of processing and microstructure on the corrosion behavior of ultrafine grained Al 5083 alloy. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 0, , 095440892211013.	1.4	0