1, Effect of tungsten carbide, silicon carbide and graphite particulates on the mechanical and microstructural characteristics of AA 5052 hybrid composites

Authors: DS Ebenezer Jacob Dhas, C Velmurugan, K Leo Dev Wins, KP BoopathiRaja
Publication date: 2018/9/21
Journal: Ceramics International
Publisher: Elsevier

2, Quantitative Analysis of Grinding Wheel Loading Using Image Processing

Authors: Vipin Gopan, K Leo Dev Wins
Publication date: 2016/1/1
Journal: Procedia Technology
Volume: 25
Pages: 885-891
Publisher: Elsevier

3, Integrated ANN-GA Approach For Predictive Modeling And Optimization Of Grinding Parameters With Surface Roughness As The Response

Authors: Vipin Gopan, K Leo Dev Wins, Arun Surendran
Publication date: 2018/12/31
Journal: Materials Today: Proceedings
Volume: 5
Issue: 5
Pages: 12133-12141
Publisher: Elsevier

4, Review on hard machining with Minimal cutting fluid application

Authors: Anil Raj, K Leo Dev Wins, AS Varadarajan
Publication date: 2015/5
Journal: International Journal of current engineering and technology
Volume: 5
Issue: 6
Pages: 3717-3722

5, Experimental investigation of soyabean oil based cutting fluid during turning of hardened AISI 4340 steel with Minimal Fluid Application

Authors: Anil Raj, K Wins, Kiran Easow George, AS Varadarajan
Publication date: 2015
Conference: Applied Mechanics and Materials
Volume: 813
Pages: 337-341
Publisher: Trans Tech Publications

6, ANFIS based model for surface roughness prediction for hard turning with minimal cutting fluid application

Authors: R Anil Raj, M Dev Anand, K Leo Dev Wins, AS Varadarajan
Publication date: 2016/4/14
Journal: Indian Journal of science and technology
Volume: 9
Issue: 13

7, Investigations on the Effect of Tungsten Carbide and Graphite Reinforcements during Spark Erosion Machining of Aluminium Alloy (AA 5052) Hybrid Composite

Authors: DS Ebenezer Jacob Dhas, C Velmurugan, K Leo Dev Wins
Publication date: 2018
Journal: Silicon
Pages: 1-13
Publisher: Springer Netherlands

8, Evaluation of the performance during hard turning of OHNS steel with minimal cutting fluid application and its comparison with minimum quantity lubrication

Authors: Anil Raj, K Leo Dev Wins, AS Varadarajan
Publication date: 2016/9
Journal: IOP Conference Series: Materials Science and Engineering
Volume: 149
Issue: 1
Pages: 012021
Publisher: IOP Publishing

9, Performance Evaluation of Vegetable Oil based Cutting Fluid during Hard Turning of AISI 4340 Steel with Minimal Cutting Fluid Application

Authors: Anil Raj, K Leo Dev Wins, M Dev Anand, AS Varadarajan
Publication date: 2016/4/14
Journal: Indian Journal of science and technology
Volume: 9
Issue: 13

10, Effect of Dry Sliding Wear Behaviour of AA6061/ZrB^ sub 2^/SiC Hybrid Composite

Authors: S Rajesh Ruban, K Leo Dev Wins, J David Raja Selvam, A Arun Richard
Publication date: 2016/4/1
Journal: International Journal of Vehicle Structures & Systems
Volume: 8
Issue: 2
Pages: 108
Publisher: MechAero Foundation for Technical Research & Education Excellence

11, Comparison of surface roughness and chip characteristics obtained under different modes of lubrication during hard turning of AISI H13 tool work steel.

Authors: Anil Raj, K Leo Dev Wins, AS Varadarajan
Publication date: 2016/9
Journal: IOP Conference Series: Materials Science and Engineering
Volume: 149
Issue: 1
Pages: 012017
Publisher: IOP Publishing