

Dr. D. Dinakaran – Publications

TITLE	CITED BY	YEAR
Optimization of multiple characteristics of EDM parameters based on desirability approach and fuzzy modeling P Sengottuvel, S Satishkumar, D Dinakaran Procedia Engineering 64, 1069-1078	133	2013
An experimental investigation on monitoring of crater wear in turning using ultrasonic technique D Dinakaran, S Sampathkumar, N Sivashanmugam International Journal of Machine Tools and Manufacture 49 (15), 1234-1237	37	2009
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Effects of electrical parameters, its interaction and tool geometry in EDM of titanium grade 5 alloy with graphite tool. SP Sivam, AL Michaelraj, S Kumar, R Varahamoorthy, D Dinakaran Proceedings of the Institution of Mechanical Engineers, Part B: Journal of ...	13*	2012
Investigation of phase structure of cobalt and its effect in WC–Co cemented carbides before and after deep cryogenic treatment M Padmakumar, J Guruprasath, P Achuthan, D Dinakaran International Journal of Refractory Metals and Hard Materials 74, 87-92	12	2018
Artificial neural network based tool wear estimation on dry hard turning processes of AISI4140 steel using coated carbide tool D Rajeev, D Dinakaran, SCE Singh Bulletin of the Polish Academy of Sciences: Technical Sciences, 553-559	12	2017
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Tribological behaviour of cryogenically treated WC-9Co cemented carbide M Padmakumar, D Dinakaran, J Guruprasath Materials Today: Proceedings 5 (2), 7797-7807	5	2018
Integrated pest management for onion in India G Gajendran, D Dinakaran, S Mohankumar, G Karthikeyan, R Muniappan Integrated Pest Management of Tropical Vegetable Crops, 179-207	5	2016
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Performance evaluation of cryogenically treated and tempered tungsten carbide insert on face milling of grey cast iron M Padmakumar, D Dinakaran	4	2017

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International Journal of Machining and Machinability of Materials 19 (2 ...		
A novel normalisation procedure for the sensor positioning problem in vibration monitoring of drilling using artificial neural networks RS Nakandhrakumar, D Dinakaran, M Gopal, J Pattabiraman Insight-Non-Destructive Testing and Condition Monitoring 58 (10), 556-563	4	2016
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Tool flank wear monitoring using torsional–axial vibrations in drilling RS Nakandhrakumar, D Dinakaran, J Pattabiraman, M Gopal Production Engineering 13 (1), 107-118	2	2019
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Evaluation of mechanical and metallurgical properties of cryo-treated tungsten carbide with 25% cobalt P Muthuswamy, D Dinakaran Materials Today: Proceedings		2020
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Improvement of chatter stability in boring operations with semi active magneto-rheological fluid damper L Prabhu, SS Kumar, D Dinakaran, R Jawahar Materials Today: Proceedings		2020
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A Review on Signal Acquisition Methods for Tool Wear Monitoring in Turning Process D Rajeev, D Dinakaran, S Satishkumar, AWA Lenin Advanced Materials Research 984, 83-93		2014
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