

## List of Publications by Year in descending order

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23  
papers

319  
citations

1307594

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h-index

888059

17  
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23  
all docs

23  
docs citations

23  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of electric discharge machining using simulated annealing. Journal of Materials Processing Technology, 2009, 209, 4471-4475.	6.3	94
2	Damage detection in vibrating bodies using genetic algorithms. Computers and Structures, 2004, 82, 963-968.	4.4	82
3	Stability analysis of turning process with tailstock-supported workpiece. International Journal of Advanced Manufacturing Technology, 2009, 43, 862-871.	3.0	43
4	Prediction of Optimal Cutting States during Inward Turning: An Experimental Approach. Materials and Manufacturing Processes, 2010, 25, 432-441.	4.7	27
5	Vibration Analysis of a Support Excited Rotor System with Hydrodynamic Journal Bearings. Procedia Engineering, 2016, 144, 825-832.	1.2	19
6	Dynamic analysis of a turning tool with a discrete model of the workpiece. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2010, 224, 207-215.	2.4	11
7	Studies on Effective Elastic Properties of CNT/Nano-Clay Reinforced Polymer Hybrid Composite. IOP Conference Series: Materials Science and Engineering, 2016, 115, 012007.	0.6	10
8	Optimized Configurations of Kinematically Redundant Planar Parallel Manipulator following a Desired Trajectory. Procedia Technology, 2014, 14, 133-140.	1.1	5
9	Impact identification for a metallic plate using distributed smart materials. Smart Materials and Structures, 2005, 14, 449-456.	3.5	4
10	A study of bifurcation behaviour in oblique turning operation. International Journal of Machine Tools and Manufacture, 2009, 49, 1042-1047.	13.4	4
11	Tool-Wear Monitoring and Control. , 2005, , 901.		3
12	Prediction of optimal stability states in inward-turning operation using neurogenetic algorithms. International Journal of Advanced Manufacturing Technology, 2009, 45, 679-689.	3.0	3
13	Mechanical characteristics and corrosion behavior of friction stir AA5251-AA6063 butt welds. Materials Today: Proceedings, 2019, 15, 132-137.	1.8	3
14	Robust control of a three degrees of freedom aeroelastic model using an intelligent observer. , 2015, , .		2
15	Parametric studies on effective elastic modulus of nano-clay/polymer composites. AIP Conference Proceedings, 2016, , .	0.4	2
16	Comparative Studies on the Dynamic Performances of High Speed Turbocharger Rotor Supported on Oil-Free Bearings Versus Conventional Floating Ring Systems. , 2017, , .		2
17	Optimal design of spindle-tool system for improving the dynamic stability in end-milling process. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	2
18	Damage prediction of rotating blades using displacement residuals. Journal of Sound and Vibration, 2008, 316, 25-31.	3.9	1

#	ARTICLE	IF	CITATIONS
19	Nonlinear Tracking Control of Parallel Manipulator Dynamics with Intelligent Gain Tuning Scheme. Lecture Notes in Mechanical Engineering, 2016, , 715-729.	0.4	1
20	Semi-active vibration control of high-speed rotor system with electrorheological bearing fluid. MATEC Web of Conferences, 2018, 211, 14008.	0.2	1
21	Dynamic Stability of a Motorized High Speed Machine Tool Spindle Supported on Bearings. Applied Mechanics and Materials, 0, 612, 29-34.	0.2	0
22	A PARAMETRIC STUDY ON CONTROL OF FLOW SEPARATION OVER AN AIRFOIL IN INCOMPRESSIBLE REGIME. IIUM Engineering Journal, 2018, 19, 270-288.	0.8	0
23	Dynamic Analysis of Partially Compliant Planar Sliderâ€“Crank Mechanism with Joint Clearance. Lecture Notes in Mechanical Engineering, 2019, , 257-266.	0.4	0