RichÃ¡rd HorvÃ¡th

List of Publications by Year
in descending order

11 papers	63 citations	1937685 4 h-index	1588992 8 g-index
11 all docs	11 docs citations	11 times ranked	70 citing authors

#	Article	IF	Citations
1	Effect of conventional and non-conventional tool geometries to skewness and kurtosis of surface roughness in case of fine turning of aluminium alloys with diamond tools. International Journal of Advanced Manufacturing Technology, 2015, 78, 297-304.	3.0	30
2	Fuzzy model based surface roughness prediction of fine turning. FME Transactions, 2017, 45, 181-188.	1.4	16
3	The design, calibration and adaption of a dynamometer for fine turning. International Journal of Machining and Machinability of Materials, 2017, 19, 1.	0.1	4
4	The Relationship between Surface and In-Depth Hardness for the Nitrocarburizing Treatment Process. Metals, 2021, 11, 812.	2.3	4
5	Application of a Force Model Adapted for the Precise Turning of Various Metallic Materials. Strojniski Vestnik/Journal of Mechanical Engineering, 2017, 63, 489-500.	1.1	4
6	Fractional Order Calculus-Inspired Kinematic Design inÂAdaptive Control. Mechanisms and Machine Science, 2022, , 218-225.	0.5	2
7	The Examination of the Cutting Capacity of Different Aluminium Alloys with Statistical Methods, Using Different Edge Material Non-Conventional (Wiper) Edge Geometry Diamond Tools. Materials Science Forum, 0, 812, 71-76.	0.3	1
8	Examination of the Machinability of Eutectic Aluminium Alloys. Manufacturing Technology, 2015, 15, 830-836.	1.4	1
9	Sub-optimal Solution of the Inverse Kinematic Task of Redundant Robots without Using Lagrange Multipliers. System Theory, Control and Computing Journal, 2021, 1, 40-48.	0.5	1
10	Comprehensive Investigations of Cutting with Round Insert: Introduction of a Predictive Force Model with Verification. Metals, 2022, 12, 257.	2.3	0
11	Accelerated Reduced Gradient Algorithm with Constraint Relaxation in Differential Inverse Kinematics. System Theory, Control and Computing Journal, 2021, 1, 21-32.	0.5	0