

# Richard Horvath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4752972/publications.pdf>

Version: 2024-02-01

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