

# Nikola R SlavkoviÄ

## List of Publications by Year in descending order

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15  
papers

207  
citations

1307594

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h-index

1199594

12  
g-index

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all docs

15  
docs citations

15  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for off-line compensation of cutting force-induced errors in robotic machining by tool path modification. International Journal of Advanced Manufacturing Technology, 2014, 70, 2083-2096.	3.0	77
2	An approach for applying STEP-NC in robot machining. Robotics and Computer-Integrated Manufacturing, 2018, 49, 361-373.	9.9	38
3	Reconfigurable robotic machining system controlled and programmed in a machine tool manner. International Journal of Advanced Manufacturing Technology, 2011, 53, 1217-1229.	3.0	29
4	An overview of rapid prototyping technologies using subtractive, additive and formative processes. FME Transactions, 2020, 48, 246-253.	1.4	17
5	An indirect method of industrial robot programming for machining tasks based on STEP-NC. International Journal of Computer Integrated Manufacturing, 2019, 32, 43-57.	4.6	15
6	An additive manufacturing benchmark artifact and deviation measurement method. Journal of Mechanical Science and Technology, 2020, 34, 3015-3026.	1.5	12
7	Simulation of compensated tool path through virtual robot machining model. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	10
8	Verification of the CMM Measuring Path Based on the Modified Hammersly's Algorithm. Lecture Notes in Mechanical Engineering, 2019, , 25-38.	0.4	3
9	Virtual horizontal machining center LOLA HBG 80 for program verification and monitoring. FME Transactions, 2021, 49, 696-703.	1.4	2
10	Configuring a virtual prototype of a BiSCARA robot. Tehnika, 2021, 76, 311-317.	0.2	1
11	Digital measurement twin for CMM inspection based on step-NC. International Journal of Computer Integrated Manufacturing, 2021, 34, 1327-1347.	4.6	1
12	Programming methodology for multi-axis CNC woodworking machining center for advanced manufacturing based on STEP-NC. Wood Material Science and Engineering, 2023, 18, 630-639.	2.3	1
13	Technology for manufacturing of shaper milling cutters by 3+2 grinding proces on horizontal CNC milling center. Tehnika, 2022, 77, 321-327.	0.2	1
14	Application of metaheuristic optimization algorithms for image registration in mobile robot visual control. Serbian Journal of Electrical Engineering, 2021, 18, 155-170.	0.4	0
15	Configuring of 3-axis vertical CNC Machine for Rapid Prototyping with two Translatory and one Rotary Axes. Advanced Technologies & Materials, 2020, 45, 1-9.	0.1	0