

# Georgi M Martinov

## List of Publications by Year in descending order

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32  
papers

801  
citations

471509  
17  
h-index

642732  
23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of the machine tools with variable kinematics. International Journal of Advanced Manufacturing Technology, 2021, 117, 2331-2339.	3.0	8
2	Implementation of Dynamic Changes in Machine Kinematics in the Electroautomatic Subsystem of the CNC System. , 2021, , .		6
3	Development of Toolkit for Formalizing the Programming of Canned Cycles on CNC Machine Tools. MATEC Web of Conferences, 2021, 346, 03098.	0.2	4
4	From classic CNC systems to cloud-based technology and back. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101927.	9.9	32
5	Organizing Interaction of Basic Components in the CNC System AxiOMA Control for Integrating New Technologies and Solutions. Automation and Remote Control, 2019, 80, 584-591.	0.8	39
6	Development of an Extended CNC Operator Interface Using Web Technologies and Augmented Reality. , 2019, , .		1
7	Additive Process Equipment Control System for Integration into a Flexible Manufacturing System. , 2019, , .		4
8	The approach of creating a particular postprocessor and using CNC measuring cycles. MATEC Web of Conferences, 2018, 224, 04023.	0.2	7
9	Approach in Implementing of Logical Task for Numerical Control on Basis of Concept "Industry 4.0", 2018, , .		13
10	An approach of developing low cost ARM based CNC systems by controlling CAN drives. MATEC Web of Conferences, 2018, 224, 01020.	0.2	12
11	An Approach to Creation of Terminal Clients in CNC System. , 2018, , .		31
12	Construction of a Specialized CNC System for Thread Grinding Machines. , 2018, , .		13
13	Automation of Machine-Building Production According to Industry 4.0. , 2018, , .		19
14	Method of decomposition and synthesis of the custom CNC systems. Automation and Remote Control, 2017, 78, 525-536.	0.8	37
15	Implementation of control for peripheral machine equipment based on the external soft PLC integrated with CNC. , 2017, , .		19
16	Approach to the Diagnosis and Configuration of Servo Drives in Heterogeneous Machine Control Systems. Lecture Notes in Computer Science, 2017, , 586-594.	1.3	20
17	Approach to implementing hardware-independent automatic control systems of lathes and lathe-milling CNC machines. Russian Aeronautics, 2016, 59, 293-296.	0.2	18
18	Specialized numerical control system for five-axis planing and milling center. Russian Engineering Research, 2016, 36, 218-222.	0.6	27

#	ARTICLE	IF	CITATIONS
19	An ARM-based Multi-channel CNC Solution for Multi-tasking Turning and Milling Machines. Procedia CIRP, 2016, 46, 525-528.	1.9	57
20	The Control Platform for Decomposition and Synthesis of Specialized CNC Systems. Procedia CIRP, 2016, 41, 858-863.	1.9	89
21	An Approach to Building a Specialized CNC System for Laser Engraving Machining. Procedia CIRP, 2016, 41, 998-1003.	1.9	15
22	Information system of Russian north opening up by ground beetles. , 2015, , .		1
23	Modular design of specialized numerical control systems for inclined machining centers. Russian Engineering Research, 2015, 35, 389-393.	0.6	22
24	Numerical control of large precision machining centers by the AxiOMA control system. Russian Engineering Research, 2015, 35, 534-538.	0.6	33
25	Real-Time Diagnosis and Forecasting Algorithms of the Tool Wear in the CNC Systems. Lecture Notes in Computer Science, 2015, , 115-126.	1.3	14
26	An approach to building a multiprotocol CNC system. Automation and Remote Control, 2015, 76, 172-178.	0.8	30
27	An Approach to Building Specialized CNC Systems for Non-traditional Processes. Procedia CIRP, 2014, 14, 511-516.	1.9	24
28	Research and Development of a Cross-platform CNC Kernel for Multi-axis Machine Tool. Procedia CIRP, 2014, 14, 517-522.	1.9	82
29	Diagnostics of cutting tools and prediction of their life in numerically controlled systems. Russian Engineering Research, 2013, 33, 433-437.	0.6	21
30	Scalable Open Cross-Platform Kernel of PCNC System for Multi-Axis Machine Tool. Procedia CIRP, 2012, 1, 238-243.	1.9	56
31	Multifunction Numerical Control Solution for Hybrid Mechanic and Laser Machine Tool. Procedia CIRP, 2012, 1, 260-264.	1.9	21
32	Trends in the numerical control of machine-tool systems. Russian Engineering Research, 2010, 30, 1041-1045.	0.6	26