

Konstantin Dmitrievich Krestovnikov

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

70
citations

1684188

5
h-index

1720034

7
g-index

21
all docs

21
docs citations

21
times ranked

25
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical Model for Evaluating Fault Tolerance of On-Board Equipment of Mobile Robot. Smart Innovation, Systems and Technologies, 2021, , 383-393.	0.6	10
2	Concept of a synchronous rectifier for wireless power transfer system. , 2019, , .		8
3	Combined Capacitive Pressure and Proximity Sensor for Using in Robotic Systems. Smart Innovation, Systems and Technologies, 2021, , 513-523.	0.6	7
4	Generation of Walking Patterns for Biped Robots Based on Dynamics of 3D Linear Inverted Pendulum. Lecture Notes in Computer Science, 2019, , 170-181.	1.3	5
5	Algorithm for Controlling Manipulator with Combined Array of Pressure and Proximity Sensors in Gripper. Smart Innovation, Systems and Technologies, 2022, , 61-71.	0.6	5
6	Method for Estimating Time of Wireless Transfer of Energy Resources Between Two Robots. Informatics and Automation, 2021, 20, 1279-1306.	0.9	5
7	Mathematical Model of a Swarm Robotic System with Wireless Bi-directional Energy Transfer. Studies in Systems, Decision and Control, 2020, , 13-23.	1.0	4
8	Approach to Choose of Optimal Number of Turns in Planar Spiral Coils for Systems of Wireless Power Transmission. Elektronika Ir Elektrotehnika, 2020, 26, 17-24.	0.8	4
9	Wireless Power Transmission System Based on Coreless Coils for Resource Reallocation Within Robot Group. Lecture Notes in Computer Science, 2019, , 193-203.	1.3	3
10	Comparative Study of Synchronous and Non-synchronous Rectifiers for Use in the Receiving Part of a Wireless Charging System. Smart Innovation, Systems and Technologies, 2020, , 675-685.	0.6	3
11	Development of circuit solution and design of capacitive pressure sensor array for applied robotics. Robotics and Technical Cybernetics, 2020, 8, 296-307.	0.1	3
12	Scalable Architecture of Distributed Control System for Industrial Greenhouse Complexes. Lecture Notes in Networks and Systems, 2021, , 127-132.	0.7	3
13	Method of Sensitivity Calculation for Electrete Diaphragm Capacitive Sensors. , 2019, , .		2
14	Development of a circuit design for a capacitive pressure sensor, applied in walking robot foot. , 2020, , .		2
15	Investigation of the influence of the length of the intermediate magnetic circuit on the characteristics of magnetic gripper for robotic complexes of the mining industry. Journal of Mining Institute, 0, 241, 46.	0.8	2
16	Self-reconfiguration algorithms for robotic systems. Robotics and Technical Cybernetics, 2018, 6, 48-59.	0.1	1
17	Development of Matrix of Combined Force and Proximity Sensors for Use in Robotics. Lecture Notes in Computer Science, 2021, , 113-125.	1.3	0
18	Structure and circuit solution of a wireless power transfer system for application in mobile robotic systems. Robotics and Technical Cybernetics, 2021, 9, 196-206.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Design and Operation Principles of the Magnetomechanical Connector of the Module of the Mobile Autonomous Reconfigurable System. Lecture Notes in Computer Science, 2018, , 202-212.	1.3	0