Konstantin Dmitrievich Krestovnikov

List of Publications by Year
in descending order

19	70	1684188 5	1720034 7
papers	citations	h-index	g-index

21	21	21	25
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Development of Matrix of Combined Force and Proximity Sensors for Use in Robotics. Lecture Notes in Computer Science, 2021, , 113-125.	1.3	0
3	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
4	Combined Capacitive Pressure and Proximity Sensor for Using in Robotic Systems. Smart Innovation, Systems and Technologies, 2021, , 513-523.	0.6	7
5	Mathematical Model for Evaluating Fault Tolerance of On-Board Equipment of Mobile Robot. Smart Innovation, Systems and Technologies, 2021, , 383-393.	0.6	10
6	Scalable Architecture of Distributed Control System for Industrial Greenhouse Complexes. Lecture Notes in Networks and Systems, 2021, , 127-132.	0.7	3
7	Method for Estimating Time of Wireless Transfer of Energy Resources Between Two Robots. Informatics and Automation, 2021, 20, 1279-1306.	0.9	5
8	Development of a circuit design for a capacitive pressure sensor, applied in walking robot foot. , 2020, , .		2
9	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
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	Approach to Choose of Optimal Number of Turns in Planar Spiral Coils for Systems of Wireless Power Transmission. Elektronika Ir Elektrotechnika, 2020, 26, 17-24.	0.8	4
13	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
14	Concept of a synchronous rectifier for wireless power transfer system. , 2019, , .		8
15	Method of Sensitivity Calculation for Electrete Diaphragm Capacitive Sensors. , 2019, , .		2
16	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
17	Self-reconfiguration algorithms for robotic systems. Robotics and Technical Cybernetics, 2018, 6, 48-59.	0.1	1
18	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

#	Article	IF	Citations
19	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