

Sergey Misyurin

List of Publications by Year in descending order

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17
papers

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1478505

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22
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docs citations

22
times ranked

12
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinematics and Dynamics of the Spider-Robot Mechanism, Motion Optimization. Advances in Intelligent Systems and Computing, 2021, , 320-326.	0.6	2
2	Selection of a Friction Model to Take into Account the Impact on the Dynamics and Positioning Accuracy of Drive Systems. Advances in Intelligent Systems and Computing, 2021, , 309-319.	0.6	1
3	Multicriteria Optimization of a Dynamic System by Methods of the Theories of Similarity and Criteria Importance. Mathematics, 2021, 9, 2854.	2.2	3
4	The synchronous movement of mechanisms taking into account forces of the different nature. Journal of Physics: Conference Series, 2020, 1439, 012016.	0.4	4
5	Parametric and Structural Optimization of Pneumatic Positioning Actuator. Mechanisms and Machine Science, 2020, , 395-403.	0.5	1
6	Visualization of the interconnection between dynamics of the system and its basic characteristics. Scientific Visualization, 2020, 12, .	0.4	3
7	Applying partial domination in organizing the control of the heterogeneous robot group. Journal of Physics: Conference Series, 2019, 1203, 012068.	0.4	6
8	Visual analytics in the case of multicriteria optimization. Scientific Visualization, 2018, 10, 29-47.	0.4	1
9	Calculated and experimental characteristics of a scroll machine operating in the air motor mode. Doklady Physics, 2017, 62, 42-45.	0.7	10
10	Coordinated interaction of two hydraulic cylinders when moving large-sized objects. Journal of Physics: Conference Series, 2017, 937, 012023.	0.4	2
11	Dynamics and design of a power unit with a hydraulic piston actuator. Doklady Physics, 2016, 61, 354-359.	0.7	5
12	Power optimization criteria of a mechanical unit of an automated actuator. Doklady Physics, 2015, 60, 15-18.	0.7	10
13	On choosing the drive type for the power unit of a mechatronics system. Journal of Machinery Manufacture and Reliability, 2015, 44, 305-311.	0.5	4
14	Phased synthesis of a mechatronic system. Doklady Physics, 2014, 59, 539-543.	0.7	7
15	Parameterization of an air motor based on multiobjective optimization and decision support. Journal of Machinery Manufacture and Reliability, 2013, 42, 353-358.	0.5	11
16	Choice of the law for a position control system. Journal of Machinery Manufacture and Reliability, 2012, 41, 331-336.	0.5	13
17	Dynamics and synthesis of the parameters of a positioning drive. Journal of Machinery Manufacture and Reliability, 2009, 38, 523-530.	0.5	12