

Lê Ubica Mikov

List of Publications by Year in descending order

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35
papers

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35
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times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	A Non-Anthropomorphic Bipedal Walking Robot with a Vertically Stabilized Base. Applied Sciences (Switzerland), 2022, 12, 4108.	2.5	4
2	Specific Problems in Measurement of Coefficient of Friction Using Variable Incidence Tribometer. Symmetry, 2020, 12, 1235.	2.2	6
3	Motion control of nonholonomic robots at low speed. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090255.	2.1	0
4	RECONFIGURABLE WHEEL-LEGGED ROBOT. MM Science Journal, 2020, 2020, 3960-3965.	0.4	0
5	Locomotive, principally kinematic system of snakelike robot mathematical model with variable segment length. , 2020, , .		1
6	TUNING PERCEPTION AND MOTION PLANNING PARAMETERS FOR MOVEIT! FRAMEWORK. MM Science Journal, 2020, 2020, 4154-4163.	0.4	3
7	Contribution to computer simulation of problems from the theory of mechanisms focused on robots. AIP Conference Proceedings, 2019, , .	0.4	1
8	Modeling and control of two-link snake. International Journal of Advanced Robotic Systems, 2018, 15, 172988141876063.	2.1	4
9	A Novel Approach for a Inverse Kinematics Solution of a Redundant Manipulator. Applied Sciences (Switzerland), 2018, 8, 2229.	2.5	41
10	Influence of pipe geometric deviation on bristled in-pipe mobile robot locomotion. International Journal of Advanced Robotic Systems, 2018, 15, 172988141877580.	2.1	9
11	Design of reconfigurable robot. , 2018, , .		0
12	Snake Robot Locomotion Patterns for Straight and Curved Pipe. Strojnický Casopis, 2018, 68, 91-104.	0.9	4
13	Robotic snakes. Acta Mechanica Slovaca, 2018, 22, 38-43.	0.1	5
14	Impact of dynamics of the frame on the performance of the positioning servosystem. International Journal of Advanced Robotic Systems, 2016, 13, 172988141666366.	2.1	0
15	An inspection of pipe by snake robot. International Journal of Advanced Robotic Systems, 2016, 13, 172988141666366.	2.1	27
16	Friction Force Identification for Machine Locomotion. Applied Mechanics and Materials, 2015, 816, 276-281.	0.2	1
17	Speed Control of a DC Motor Using PD and PWM Controllers. Solid State Phenomena, 2015, 220-221, 244-250.	0.3	1
18	Rapid Control Prototyping of Embedded Systems Based on Microcontroller. Procedia Engineering, 2014, 96, 215-220.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Inverse Kinematic Model of Humanoid Robot Hand. Applied Mechanics and Materials, 2014, 611, 75-82.	0.2	4
20	Simulation Model of Manipulator for Model Based Design. Applied Mechanics and Materials, 2014, 611, 175-182.	0.2	5
21	Puck Collecting Robot. Applied Mechanics and Materials, 2014, 611, 256-264.	0.2	0
22	Design of Control of DC Motor. Applied Mechanics and Materials, 2014, 611, 325-331.	0.2	0
23	Uncertainty of Dust Mass Concentration Measurement. Applied Mechanics and Materials, 2014, 611, 511-518.	0.2	0
24	Didactic Models Used on Mechatronic Courses. Solid State Phenomena, 2013, 199, 661-666.	0.3	0
25	Model of mechatronic system's undercarriage created on the basis of its dynamics. , 2013, , .		2
26	Intelligent in-pipe machine adjustable to inner pipe diameter. , 2012, , .		3
27	Design of Algorithm of Hydraulic Control System. Procedia Engineering, 2012, 48, 413-419.	1.2	1
28	Declination Angle Gage for Tilt Measurement Sensors. Procedia Engineering, 2012, 48, 549-556.	1.2	2
29	Bristled In-pipe Machine Inside Pipe With Geometric Deviations. Procedia Engineering, 2012, 48, 287-294.	1.2	2
30	Model of Elements of the Hydraulic Control System for Biaxial Tensile Test. Procedia Engineering, 2012, 48, 420-427.	1.2	1
31	Adaptable Mechatronic Locomotion System. Acta Mechanica Slovaca, 2010, 14, 102-109.	0.1	10
32	Concept of Locomotion Mobile Undercarriage Structure Control for the Path Tracking. Solid State Phenomena, 0, 198, 79-83.	0.3	8
33	Mathematical Model of Four Wheeled Mobile Robot and its Experimental Verification. Applied Mechanics and Materials, 0, 611, 130-136.	0.2	1
34	Embedded Systems via Using Microcontroller. Applied Mechanics and Materials, 0, 816, 248-254.	0.2	4
35	Educational Model of Line Follower Robot LINA 2010. Solid State Phenomena, 0, 220-221, 989-994.	0.3	1