

Sigitas Kilikevičius

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis on Conveying of Miniature and Microparts on a Platform Subjected to Sinusoidal Displacement Cycles with Controlled Dry Friction. <i>Mechanika</i> , 2022, 28, 38-44.	0.3	1
2	Omnidirectional Manipulation of Microparticles on a Platform Subjected to Circular Motion Applying Dynamic Dry Friction Control. <i>Micromachines</i> , 2022, 13, 711.	1.4	2
3	The Influence of Boiling on the Streamlined Body Drag Force and Falling Velocity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1562.	1.3	1
4	Novel Hybrid Polymer Composites with Graphene and MXene Nano-Reinforcements: Computational Analysis. <i>Polymers</i> , 2021, 13, 1013.	2.0	14
5	Nonprehensile Manipulation of Parts on a Horizontal Circularly Oscillating Platform with Dynamic Dry Friction Control. <i>Sensors</i> , 2021, 21, 5581.	2.1	4
6	Manipulation of Miniature and Microminiature Bodies on a Harmonically Oscillating Platform by Controlling Dry Friction. <i>Micromachines</i> , 2021, 12, 1087.	1.4	3
7	Vibrational Transportation on a Platform Subjected to Sinusoidal Displacement Cycles Employing Dry Friction Control. <i>Sensors</i> , 2021, 21, 7280.	2.1	2
8	Numerical investigation of the mechanical properties of a novel hybrid polymer composite reinforced with graphene and MXene nanosheets. <i>Computational Materials Science</i> , 2020, 174, 109497.	1.4	25
9	Investigation of the Stress-Strain State in a Welded Joint with a Hard Single-V Butt Weld. <i>Strength of Materials</i> , 2020, 52, 440-450.	0.2	1
10	Short range rocket-target: research, development and implementation. <i>Aircraft Engineering and Aerospace Technology</i> , 2019, 91, 1027-1032.	0.7	2
11	Manipulation of small parts being assembled on a horizontally vibrating plate. <i>Mechanika</i> , 2019, 25, 377-382.	0.3	3
12	Strength and Microstructure Analysis of Spot Welded Joints between a Sheet and a Nut of Different Steels. <i>Mechanika</i> , 2018, 24, .	0.3	0
13	Numerical analysis of thermal and hydro dynamical processes in fuel channel of RBMK-1500 reactor: 1. Lower part of fuel channel. <i>Mechanika</i> , 2017, 23, .	0.3	0
14	Experimental Investigation on the Friction Stir Spot Welding Process of Non-Ferrous Metals. <i>Solid State Phenomena</i> , 2016, 251, 25-29.	0.3	0
15	Analytical investigation and numerical simulation of the stress-strain state in mechanically heterogeneous welded joints with a single-V butt weld. <i>Engineering Failure Analysis</i> , 2016, 62, 232-241.	1.8	7
16	Investigation on low cycle fatigue of aluminium alloy welded joints. <i>Mechanika</i> , 2016, 22, .	0.3	0
17	Simulation of a shock absorber with vertical buckling tubes welded in the longitudinal direction. <i>Engineering Failure Analysis</i> , 2015, 47, 102-110.	1.8	4
18	Dynamic analysis of vibratory insertion process. <i>Assembly Automation</i> , 2011, 31, 275-283.	1.0	15

#	ARTICLE	IF	CITATIONS
19	ESTIMATION OF THE DRAG COEFFICIENT OF MINE IMITATOR IN LONGITUDINAL AIR FLOW USING NUMERICAL METHODS / MINOS IMITATORIAUS PASIPRIEÄINIMO KOEFICIENTO NUSTATYMAS HORIZONTALIAJAME ORO SRAUTE, NAUDOJANT SKAITINIUS METODUS / ÐžÐŸÐÐ•Ð”Ð•Ð•ÐÐ”Ð• ÐšÐžÐÐÐÐ”Ð Ð”Ð•ÐÐÇÐ•Ð;ÐžÐŸÐÐžÐÇÐ”Ð’Ð•Ð•ÐÐ”Ð” ÐœÐŸ	0.6	3
20	Experimental Investigation of Vibratory Peg-in-Hole Insertion for Robotic Assembly. Springer Proceedings in Physics, 2011, , 621-627.	0.1	2