

# Tatiana Volina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1729787/publications.pdf>

Version: 2024-02-01

16  
papers

72  
citations

1684188  
5  
h-index

1474206  
9  
g-index

21  
all docs

21  
docs citations

21  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	Movement of the Particle on the External Surface of the Cylinder, Which Makes the Translational Oscillations in Horizontal Planes. Lecture Notes in Mechanical Engineering, 2019, , 336-345.	0.4	26
2	MOVEMENT OF THE PARTICLE ON THE INTERNAL SURFACE OF THE SPHERICAL SEGMENT ROTATING ABOUT A VERTICAL AXIS. INMATEH - Agricultural Engineering, 2020, , 79-88.	1.0	8
3	The possibility to apply the Frenet trihedron and formulas for the complex movement of a point on a plane with the predefined plane displacement. Eastern-European Journal of Enterprise Technologies, 2021, 3, 45-50.	0.5	7
4	The Investigation of Particle Movement on a Helical Surface. Lecture Notes in Mechanical Engineering, 2020, , 671-681.	0.4	7
5	Dynamics of a Particle on a Movable Wavy Surface. Lecture Notes in Mechanical Engineering, 2021, , 196-206.	0.4	3
6	Mathematical Model of Lifting Particles of Technological Material by Vertical Auger. Lecture Notes in Mechanical Engineering, 2022, , 112-122.	0.4	2
7	SCREW DESCENT, ANALYTICAL DESCRIPTION OF WHICH INCLUDES THE EQUATION OF PARTICLE MOVEMENT ON AN INCLINED PLANE. Prikladna Geometrija i inženjerska Grafika, 2021, , 89-98.	0.1	1
8	MOVEMENT OF THE PARTICLE ON THE EXTERNAL ROUGH SURFACE OF THE CONE WHICH ROTATES AROUND THE VERTICAL AXIS. Prikladna Geometrija i inženjerska Grafika, 2022, , 181-194.	0.1	1
9	THE RESULTS OF THE INVESTIGATION OF THE PARTICLE MOVEMENT ON THE CYLINDER OUTER SURFACE DURING ITS PROGRESSIVE OSCILLATIONS IN HORIZONTAL PLANES. Modern Problems of Modeling, 2021, 20, 76-81.	0.1	0
10	DEPENDENCE OF RESISTANCE OF MOVEMENT OF THE FLEXIBLE STRIP ON THE SURFACE FROM THE CURVATURE OF ITS AXIS. Modern Problems of Modeling, 2021, 21, 66-73.	0.1	0
11	PARTICLE MOTION ON THE SPHERICAL SEGMENT WITH VERTICALS RADially INSTALLED BLADES. Mehanika Ta Matematička Metodi, 2021, 3, 27-36.	0.0	0
12	THE INVESTIGATION OF PARTICLE MOVEMENT ON A HELICAL SURFACE UNDER THE EFFECT OF THE FORCE OF ITS WEIGHT. Prikladna Geometrija i inženjerska Grafika, 2020, , 65-78.	0.1	0
13	Particle Movement on the External Surface of the Cone that Rotates Around the Vertical Axis. Lecture Notes in Mechanical Engineering, 2022, , 557-567.	0.4	0
14	Movement of a Particle on the Inner Surface with a Preset Meridian. Lecture Notes in Mechanical Engineering, 2022, , 535-545.	0.4	0
15	Designing an outer toothed gear whose wheel teeth are outlined by the logarithmic spiral arcs. Eastern-European Journal of Enterprise Technologies, 2021, 6, 6-11.	0.5	0
16	DESIGNING AN OUTER TOOTHED GEAR WHOSE WHEEL TEETH ARE OUTLINED BY THE LOGARITHMIC SPIRAL ARCS. Virobnih Procesy, 2022, , 30-35.	0.0	0