

# Silvia Malájková

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7975945/publications.pdf>

Version: 2024-02-01

15  
papers

97  
citations

1684188

5  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure analysis of driveshaft of truck body caused by vibrations. <i>Engineering Failure Analysis</i> , 2017, 79, 208-215.	4.0	33
2	Design of Geometrical Parameters and Kinematical Characteristics of a Non-circular Gear Transmission for Given Parameters. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1000.	2.5	15
3	Meshing Stiffness – A Parameter Affecting the Emission of Gearboxes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8678.	2.5	11
4	INFLUENCE OF THE FACE WIDTH AND LENGTH OF CONTACT ON TEETH DEFORMATION AND STIFFNESS. <i>Scientific Journal of Silesian University of Technology Series Transport</i> , 2016, 91, 99-106.	0.4	11
5	DESIGNING PITCH CURVES OF NON-CIRCULAR GEARS. <i>Scientific Journal of Silesian University of Technology Series Transport</i> , 2018, 99, 105-114.	0.4	5
6	Influence of the Shape of Gear Wheel Bodies in Marine Engines on the Gearing Deformation and Meshing Stiffness. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1060.	2.6	4
7	DEFORMATION AND STIFFNESS OF SPUR GEAR TEETH AND THEIR INFLUENCE ON GEAR NOISE. <i>Scientific Journal of Silesian University of Technology Series Transport</i> , 2015, 89, 101-107.	0.4	4
8	STRENGTH ANALYSIS OF THE FRAME OF A TRAILER. <i>Scientific Journal of Silesian University of Technology Series Transport</i> , 2017, 96, 105-113.	0.4	4
9	ANALYSIS OF NOISE REDUCTION OF GEAR TRANSMISSIONS. , 2013, , .		4
10	A case study of gear wheel material and heat treatment effect on gearbox strength calculation. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 5817-5827.	1.5	2
11	Teeth deformation of non-circular gears. <i>Scientific Journal of Silesian University of Technology Series Transport</i> , 2021, 110, 105-114.	0.4	2
12	KINEMATIC PROPERTIES AND MESHING CONDITION OF ELLIPTICAL GEAR TRAIN. <i>Scientific Journal of Silesian University of Technology Series Transport</i> , 2019, 104, 95-105.	0.4	1
13	Using Travel Times for Optimization Numbers of Medical Rescue Service Points – Case Study from Slovakia. <i>Sustainability</i> , 2021, 13, 207.	3.2	1
14	EVALUATION OF SUPPLIERS' QUALITY AND SIGNIFICANCE BY METHODS BASED ON WEIGHTED ORDER. <i>Acta Logistica</i> , 2020, 7, 1-7.	0.6	0
15	Practical Example of Modification of a Gearbox Lubrication System. <i>Lubricants</i> , 2022, 10, 110.	2.9	0