

# Viktor Tkachenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5035257/publications.pdf>

Version: 2024-02-01

16  
papers

117  
citations

1307594

7  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

60  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research into resistance to the motion of railroad undercarriages related to directing the wheelsets by a rail track. Eastern-European Journal of Enterprise Technologies, 2017, 5, 65-72.	0.5	26
2	Research on the safety factor against derailment of railway vehicles. Eastern-European Journal of Enterprise Technologies, 2017, 6, 19-25.	0.5	23
3	Determination of Parameters of Asynchronous Electric Machines with Asymmetrical Windings of Electric Locomotives. Communications - Scientific Letters of the University of Zilina, 2019, 21, 24-31.	0.6	14
4	Analysis of Control Methods for the Traction Drive of an Alternating Current Electric Locomotive. Symmetry, 2022, 14, 150.	2.2	13
5	Reduction of Kinematic Resistance To Movement Of the Railway Vehicles. MATEC Web of Conferences, 2018, 235, 00033.	0.2	11
6	METHOD OF SPECTRAL ANALYSIS OF TRACTION CURRENT OF AC ELECTRIC LOCOMOTIVES. Transport, 2021, 35, 658-668.	1.2	9
7	Synthesis of the Current Controller of the Vector Control System for Asynchronous Traction Drive of Electric Locomotives. Energies, 2022, 15, 2374.	3.1	8
8	Improving a model of the induction traction motor operation involving non-symmetric stator windings. Eastern-European Journal of Enterprise Technologies, 2021, 4, 45-58.	0.5	6
9	Improvement of the model of power losses in the pulsed current traction motor in an electric locomotive. Eastern-European Journal of Enterprise Technologies, 2020, 6, 38-46.	0.5	4
10	On the Issue of Wheel Flange Sliding Along the Rail. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 377-385.	0.5	2
11	Determination of the Power Factor of Electric Rolling Stock of Alternating Current Consumption. Lecture Notes in Intelligent Transportation and Infrastructure, 2022, , 243-252.	0.5	1
12	Determination of inductances for pulsating current traction motor. Technology Audit and Production Reserves, 2021, 2, 40-43.	0.2	0
13	Determining the dynamic loading on an open-top wagon with a two-pipe girder beam. Eastern-European Journal of Enterprise Technologies, 2019, 3, 18-25.	0.5	0
14	Arrangement of the Continuous Welded Rail on the Curved Tracks of Short Radius. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 203-210.	0.5	0
15	Modeling of Management Strategies for Manufacturing Technological Processes in Metro Power Supply Projects. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 211-219.	0.5	0
16	Determination of voltage at the rectifier installation of the electric locomotive VL-80K for each position of the controller driver's. Technology Audit and Production Reserves, 2022, 1, .	0.2	0