

# Alireza Roghani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9269637/publications.pdf>

Version: 2024-02-01

10  
papers

58  
citations

1937685

4  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the effect of freeze-thaw cycles on track surface deformation and degradation of railway track geometry; Case study. <i>Transportation Geotechnics</i> , 2021, 30, 100601.	4.5	7
2	Evaluating Rail Surface Roughness from Axle-Box Acceleration Measurements: Computational Metrology Approach. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021, 147, 04021087.	1.4	1
3	Evaluating Passenger Railway Ride Quality Over Long Distances Using Smartphones. , 2020, , .		1
4	Evaluating the potential of a rolling deflection measurement system to estimate track modulus. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 14-24.	2.0	10
5	Quantifying the Impact of Subgrade Stiffness on Track Quality and the Development of Geometry Defects. <i>Journal of Transportation Engineering Part A: Systems</i> , 2017, 143, .	1.4	16
6	Quantifying the Effectiveness of Methods Used to Improve Railway Track Performance over Soft Subgrades: Methodology and Case Study. <i>Journal of Transportation Engineering Part A: Systems</i> , 2017, 143, 04017043.	1.4	4
7	Continuous Vertical Track Deflection Measurements to Map Subgrade Condition along a Railway Line: Methodology and Case Studies. <i>Journal of Transportation Engineering</i> , 2016, 142, .	0.9	13
8	Combining Track Quality and Performance Measures to Assess Track Maintenance Requirements. , 2015, , .		5
9	Procedure for combining field measurements and machine learning to quantify impact of different track parameters on ride quality of railway tracks. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 0, , 095440972110026.	2.0	0
10	Use of measured accelerations from a passenger rail car to evaluate ride quality and track roughness: A case study. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 0, , 095440972110414.	2.0	1