

Daniel T Ainalis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5923605/publications.pdf>

Version: 2024-02-01

15
papers

290
citations

1307594

7
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling the Source of Blasting for the Numerical Simulation of Blast-Induced Ground Vibrations: A Review. <i>Rock Mechanics and Rock Engineering</i> , 2017, 50, 171-193.	5.4	82
2	An Automated Machine-Learning Approach for Road Pothole Detection Using Smartphone Sensor Data. <i>Sensors</i> , 2020, 20, 5564.	3.8	60
3	Environmental and economic analysis of liquefied natural gas (LNG) for heavy goods vehicles in the UK: A Well-to-Wheel and total cost of ownership evaluation. <i>Energy Policy</i> , 2020, 137, 111161.	8.8	37
4	Urban railway ground vibrations induced by localized defects: using dynamic vibration absorbers as mitigation solution. <i>Journal of Zhejiang University: Science A</i> , 2019, 20, 83-97.	2.4	26
5	Improved analysis of ground vibrations produced by man-made sources. <i>Science of the Total Environment</i> , 2018, 616-617, 517-530.	8.0	20
6	Effects of semi-trailer modifications on HGV fuel consumption. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 92, 102717.	6.8	18
7	Assessing the ground vibrations produced by a heavy vehicle traversing a traffic obstacle. <i>Science of the Total Environment</i> , 2018, 612, 1568-1576.	8.0	16
8	The case for reviewing laboratory-based road transport simulations for packaging optimisation. <i>Packaging Technology and Science</i> , 2021, 34, 339-351.	2.8	8
9	On-the-road Measurements to Establish the Dynamic Characteristics of Transport Vehicles. <i>Packaging Technology and Science</i> , 2015, 28, 657-671.	2.8	7
10	On the Selection of Charging Facility Locations for EV-Based Ride-Hailing Services: A Computational Case Study. <i>Sustainability</i> , 2021, 13, 168.	3.2	6
11	Estimating the ride quality characteristics of vehicles with Random decrement analysis of on-the-road vibration response data. <i>Vehicle System Dynamics</i> , 2016, 54, 765-783.	3.7	5
12	Issues with Combining Road Elevation Spectral Models and Vehicle Vibration Response to Estimate Vehicle Dynamic Characteristics. <i>Packaging Technology and Science</i> , 2015, 28, 253-270.	2.8	2
13	Practical Considerations for Estimating Road Vehicle Frequency Response Functions from Response Data. <i>Packaging Technology and Science</i> , 2017, 30, 127-144.	2.8	1
14	Estimation of road transport vehicle dynamic characteristics using random decrement analysis and on-the-road vibration data. <i>International Journal of Vehicle Design</i> , 2018, 76, 140.	0.3	1
15	Engine Fuel Consumption Modelling Using Prediction Error Identification and On-Road Data. <i>IEEE Transactions on Intelligent Vehicles</i> , 2023, 8, 1392-1402.	12.7	1