

Daniel T Ainalis

List of Publications by Year in descending order

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15
papers

290
citations

1307594

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1058476

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g-index

15
all docs

15
docs citations

15
times ranked

307
citing authors

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