

# Zubayer Islam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6614173/publications.pdf>

Version: 2024-02-01

7  
papers

137  
citations

1683934  
5  
h-index

1719901  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crash data augmentation using variational autoencoder. Accident Analysis and Prevention, 2021, 151, 105950.	3.0	86
2	A Deep Learning Approach to Detect Real-Time Vehicle Maneuvers Based on Smartphone Sensors. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3148-3157.	4.7	14
3	Risk-Compensation Trends in Road Safety during COVID-19. Sustainability, 2022, 14, 5057.	1.6	11
4	Using CNN-LSTM to predict signal phasing and timing aided by High-Resolution detector data. Transportation Research Part C: Emerging Technologies, 2022, 141, 103742.	3.9	9
5	Real-Time Vehicle Trajectory Estimation Based on Lane Change Detection using Smartphone Sensors. Transportation Research Record, 2021, 2675, 137-150.	1.0	8
6	Sensor-Based Transportation Mode Recognition Using Variational Autoencoder. Journal of Big Data Analytics in Transportation, 2021, 3, 15-26.	1.4	5
7	Driving Maneuvers Detection using Semi-Supervised Long Short-Term Memory and Smartphone Sensors. Transportation Research Record, 2021, 2675, 1386-1397.	1.0	4