

# Zubayer Islam

## List of Publications by Year in descending order

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

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#	ARTICLE	IF	CITATIONS
1	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
2	Risk-Compensation Trends in Road Safety during COVID-19. Sustainability, 2022, 14, 5057.	1.6	11
3	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
4	Sensor-Based Transportation Mode Recognition Using Variational Autoencoder. Journal of Big Data Analytics in Transportation, 2021, 3, 15-26.	1.4	5
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	Crash data augmentation using variational autoencoder. Accident Analysis and Prevention, 2021, 151, 105950.	3.0	86
7	Driving Maneuvers Detection using Semi-Supervised Long Short-Term Memory and Smartphone Sensors. Transportation Research Record, 2021, 2675, 1386-1397.	1.0	4