

Xiuyu Liu

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

91
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Vehicle Braking Performance on Wet Pavement Surface using an Integrated Tire-Vehicle Modeling Approach. Transportation Research Record, 2019, 2673, 295-307.	1.9	43
2	Numerical Study of Tire Hydroplaning Based on Power Spectrum of Asphalt Pavement and Kinetic Friction Coefficient. Advances in Materials Science and Engineering, 2017, 2017, 1-11.	1.8	18
3	Development of a Simulated Three-Dimensional Truck Model to Predict Excess Fuel Consumption Resulting from Pavement Roughness. Transportation Research Record, 2021, 2675, 1444-1456.	1.9	14
4	Three-dimensional tire-pavement contact stresses prediction by deep learning approach. International Journal of Pavement Engineering, 2022, 23, 4991-5002.	4.4	8
5	Integrated Vehicle-Tire-Pavement Approach for Determining Pavement Structure-Induced Rolling Resistance under Dynamic Loading. Transportation Research Record, 2022, 2676, 398-409.	1.9	8