

Dongrun Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/589912/publications.pdf>

Version: 2024-02-01

18
papers

180
citations

1478505

6
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of car-body lateral vibration induced by high-speed trains negotiating complex terrain sections under strong wind conditions. <i>Vehicle System Dynamics</i> , 2018, 56, 173-189.	3.7	28
2	High-speed train overturning safety under varying wind speed conditions. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 198, 104111.	3.9	28
3	Effect of wind speed variation on the dynamics of a high-speed train. <i>Vehicle System Dynamics</i> , 2019, 57, 247-268.	3.7	27
4	Correlation of car-body vibration and train overturning under strong wind conditions. <i>Mechanical Systems and Signal Processing</i> , 2020, 142, 106743.	8.0	26
5	A real-time posture monitoring method for rail vehicle bodies based on machine vision. <i>Vehicle System Dynamics</i> , 2017, 55, 853-874.	3.7	24
6	Momentary discomfort of high-speed trains passing through complex terrain sections under strong wind conditions. <i>Vehicle System Dynamics</i> , 2020, 58, 1428-1450.	3.7	7
7	Contributions of bogie aerodynamic loads to the crosswind safety of a high-speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 228, 105082.	3.9	7
8	Investigating the car-body vibration of high-speed trains under different operating conditions with full-scale tests. <i>Vehicle System Dynamics</i> , 2022, 60, 633-652.	3.7	6
9	Effect of aerodynamic force change caused by car-body rolling on train overturning safety under strong wind conditions. <i>Vehicle System Dynamics</i> , 2022, 60, 433-453.	3.7	6
10	Effect of car-body initial dynamic sway on overturning before high-speed trains negotiate wind speed variations. <i>Vehicle System Dynamics</i> , 2022, 60, 2451-2468.	3.7	5
11	A measurement method for the overturning coefficient of high-speed trains passing through complex terrain sections under strong wind conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2020, 234, 885-895.	2.0	3
12	Experimental numerical investigation of momentary discomfort in a high-speed train in varying wind speed conditions. <i>Vehicle System Dynamics</i> , 2022, 60, 1440-1459.	3.7	3
13	Fundamental research on the dynamic safety of a high-speed train under strong wind conditions. <i>Vehicle System Dynamics</i> , 2023, 61, 1602-1620.	3.7	3
14	Experimental study on vibration displacement of a CRH2 EMU under strong wind conditions. , 2016, , .		2
15	The effect of continuously varying wind speed on high-speed train overturning safety. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2021, 235, 774-786.	2.0	2
16	Load identification and fatigue evaluation via wind-induced attitude decoupling of railway catenary. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 377-403.	3.3	2
17	A monitoring method for car-body vibration displacement of a high-speed train in windy conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 0, , 095440972110341.	2.0	1
18	Multiple load recognition and fatigue assessment on longitudinal stop of railway freight car. <i>Reviews on Advanced Materials Science</i> , 2022, 61, 167-185.	3.3	0