

Qunsheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

111
citations

1684188

5
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on semi-active suspension applied on carbody underneath suspended system of high-speed railway vehicle. JVC/Journal of Vibration and Control, 2020, 26, 671-679.	2.6	27
2	Carbody vibrations of high-speed train caused by dynamic unbalance of underframe suspended equipment. Advances in Mechanical Engineering, 2018, 10, 168781401881896.	1.6	22
3	Identifying the relationship between suspension parameters of underframe equipment and carbody modal frequency. Journal of Modern Transportation, 2014, 22, 206-213.	2.5	16
4	Reduction of vertical abnormal vibration in carbodies of low-floor railway trains by using a dynamic vibration absorber. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2018, 232, 1437-1447.	2.0	14
5	Low-Frequency Carbody Sway Modelling Based on Low Wheel-Rail Contact Conicity Analysis. Shock and Vibration, 2020, 2020, 1-17.	0.6	8
6	On the Critical Speed, Supercritical Bifurcation, and Stability Problems of Certain Type of High-Speed Rail Vehicle. Shock and Vibration, 2017, 2017, 1-9.	0.6	6
7	Determination of mapping relation between wheel flat and wheel/rail contact force for railway freight wagon using dynamic simulation. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2022, 236, 545-556.	2.0	6
8	Study on Vibration Behavior of Carbody Underneath Suspended Systems under Wheel Profile Wear. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2016, 52, 113.	0.5	6
9	Research on Low-Frequency Swaying Mechanism of Metro Vehicles Based on Wheel-Rail Relationship. Shock and Vibration, 2020, 2020, 1-15.	0.6	2
10	A hybrid damping control strategy for high-speed trains running on existing tracks. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 1258-1271.	2.9	2
11	Research on the Influence of Wheel Polygonization on Axle Stress. Shock and Vibration, 2021, 2021, 1-12.	0.6	1
12	Study on Vibration Behavior of Carbody and Suspended Equipment with Aerodynamic Loads. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2019, 55, 102.	0.5	1
13	Wind-Induced Vibration Response of an Inspection Vehicle for Main Cables Based on Computer Simulation. Shock and Vibration, 2019, 2019, 1-13.	0.6	0
14	Determination of Mapping Relation between Wheel Polygonalisation and Wheel/Rail Contact Force for Railway Freight Wagon Using Dynamic Simulation. Shock and Vibration, 2021, 2021, 1-13.	0.6	0
15	Research on Vibration Reduction of Carbody Underframe Suspended System Applied with Two-stage Suspension in High-speed EMU. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2018, 54, 1.	0.5	0