

Qunsheng Wang

List of Publications by Year in descending order

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15
papers

111
citations

1684188

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1372567

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15
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15
docs citations

15
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Research on the Influence of Wheel Polygonization on Axle Stress. Shock and Vibration, 2021, 2021, 1-12.	0.6	1
4	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
5	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
6	Research on Low-Frequency Swaying Mechanism of Metro Vehicles Based on Wheel-Rail Relationship. Shock and Vibration, 2020, 2020, 1-15.	0.6	2
7	Low-Frequency Carbody Sway Modelling Based on Low Wheel-Rail Contact Conicity Analysis. Shock and Vibration, 2020, 2020, 1-17.	0.6	8
8	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
9	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
10	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
11	Carbody vibrations of high-speed train caused by dynamic unbalance of underframe suspended equipment. Advances in Mechanical Engineering, 2018, 10, 168781401881896.	1.6	22
12	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
13	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
14	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
15	Identifying the relationship between suspension parameters of underframe equipment and carbody modal frequency. Journal of Modern Transportation, 2014, 22, 206-213.	2.5	16