

Yu Sun

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

189
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Method of multi-mode vibration control for the carbody of high-speed electric multiple unit trains. <i>Journal of Sound and Vibration</i> , 2017, 409, 94-111.	3.9	40
2	Low frequency vibration control of railway vehicles based on a high static low dynamic stiffness dynamic vibration absorber. <i>Science China Technological Sciences</i> , 2019, 62, 60-69.	4.0	31
3	Online detection and control of car body low-frequency swaying in railway vehicles. <i>Vehicle System Dynamics</i> , 2021, 59, 70-100.	3.7	22
4	Design, analysis and experimental validation of high static and low dynamic stiffness mounts based on target force curves. <i>International Journal of Non-Linear Mechanics</i> , 2020, 126, 103559.	2.6	20
5	Vibration control of high-speed trains self-excitation under-chassis equipment by HSLDS vibration isolators. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 65-76.	1.5	17
6	Analysis of the consistency of the Sperling index for rail vehicles based on different algorithms. <i>Vehicle System Dynamics</i> , 2021, 59, 313-330.	3.7	14
7	Study on Vibration Reduction Design of Suspended Equipment of High Speed Railway Vehicles. <i>Journal of Physics: Conference Series</i> , 2016, 744, 012212.	0.4	10
8	On the modal damping abnormal variation mechanism for railway vehicles. <i>Mechanical Systems and Signal Processing</i> , 2019, 122, 256-272.	8.0	9
9	A New Vibration Absorber Design for Under-Chassis Device of a High-Speed Train. <i>Shock and Vibration</i> , 2017, 2017, 1-8.	0.6	7
10	Vibration reduction of a high-speed train floor using multiple dynamic vibration absorbers. <i>Vehicle System Dynamics</i> , 2022, 60, 2919-2940.	3.7	7
11	Identification of Excitation Force for Under-Chassis Equipment of Railway Vehicles in Frequency Domain. <i>Journal of Vibration Engineering and Technologies</i> , 2021, 9, 701-714.	2.2	4
12	Decoupling Optimization Design of Under-Chassis Equipment Suspension System in High-Speed Trains. <i>Shock and Vibration</i> , 2018, 2018, 1-12.	0.6	3
13	Identification of Physical and Excitation Parameters of Under-Chassis Equipment for Railway Vehicles. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2020, 142, .	1.6	2
14	Study on Second Quasi-zero-stiffness Suspension of Low-floor Tramcar. <i>Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering</i> , 2017, 53, 132.	0.5	1
15	Study on multi-degree of freedom dynamic vibration absorber of the car body of high-speed trains. <i>Mechanical Sciences</i> , 2022, 13, 239-256.	1.0	1
16	Research on multi-point connection of under-chassis equipment suspension system in high-speed trains. <i>AIP Advances</i> , 2021, 11, .	1.3	1