

Daogao Wei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7600408/publications.pdf>

Version: 2024-02-01

11
papers

135
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the stick-slip vibration of a new brake pad with double-layer structure in automobile brake system. <i>Mechanical Systems and Signal Processing</i> , 2019, 118, 305-316.	8.0	40
2	Properties of stability, bifurcation, and chaos of the tangential motion disk brake. <i>Journal of Sound and Vibration</i> , 2016, 375, 353-365.	3.9	36
3	Chaos vibration of pinion and rack steering trapezoidal mechanism containing two clearances. <i>Mechanical Systems and Signal Processing</i> , 2017, 92, 146-155.	8.0	20
4	Hopf bifurcation character of an interactive vehicleâ€“road shimmy system under bisectional road conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2017, 231, 405-417.	1.9	10
5	Hopf Bifurcation Characteristics of Dual-Front Axle Self-Excited Shimmy System for Heavy Truck considering Dry Friction. <i>Shock and Vibration</i> , 2015, 2015, 1-20.	0.6	8
6	Multiple Limit Cycles Shimmy of the Dual-Front Axle Steering Heavy Truck Based on Bisectional Road. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019, 14, .	1.2	7
7	Self-excited vibration of whole vehicle with multiple limit cycles induced by shimmy of front wheels. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2020, 39, 1052-1064.	2.9	5
8	Study of the Effects upon Vehicle Stability Exerted by Tie Rod End Clearance Under Slalom Maneuver. <i>SAE International Journal of Passenger Cars - Mechanical Systems</i> , 0, 7, 395-404.	0.4	3
9	The establishment and dynamic analysis of a new friction model of brake pair considering interface morphology and particles. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 4988-5004.	2.1	3
10	Bifurcation and Chaotic Behaviors of Vehicle Brake System Under Low Speed Braking Condition. <i>Journal of Vibration Engineering and Technologies</i> , 2021, 9, 2107-2120.	2.2	2
11	Multiple limit-cycles shimmy characteristics of dual-axle steering mechanism considering the wheel alignment parameters. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 3360-3379.	2.1	1