Yuewei Yu

List of Publications by Year
in descending order

14 papers	132 citations	1307594 7 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	136 citing authors

#	Article	IF	Citations
1	Influence of Rotor-Bearing Coupling Vibration on Dynamic Behavior of Electric Vehicle Driven by In-Wheel Motor. IEEE Access, 2019, 7, 63540-63549.	4.2	25
2	Modelling and validation of a seat suspension with rubber spring for off-road vehicles. JVC/Journal of Vibration and Control, 2018, 24, 4110-4121.	2.6	16
3	Analytical description of ride comfort and optimal damping of cushion-suspension for wheel-drive electric vehicles. International Journal of Automotive Technology, 2017, 18, 1121-1129.	1.4	15
4	Hybrid modelling and damping collaborative optimisation of Five-suspensions for coupling driver-seat-cab system. Vehicle System Dynamics, 2016, 54, 667-688.	3.7	12
5	A method to evaluate stiffness and damping parameters of cabin suspension system for heavy truck. Advances in Mechanical Engineering, 2016, 8, 168781401665442.	1.6	10
6	A Hydraulic Semi-Active Suspension Based on Road Statistical Properties and Its Road Identification. Applied Sciences (Switzerland), 2018, 8, 740.	2.5	10
7	Hybrid modelling of driver seat-cushion coupled system for metropolitan bus. Journal of Low Frequency Noise Vibration and Active Control, 2017, 36, 214-226.	2.9	8
8	An analytical formula of driver RMS acceleration response for quarter-car considering cushion effects. Vehicle System Dynamics, 2017, 55, 1283-1296.	3.7	7
9	Vertical Coupled Vibration Mechanism of Bogie-body-seat System and Joint Optimization of Suspension Parameters for High-speed Train. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2018, 54, 57.	0.5	7
10	Simulation of vertical characteristics and in-wheel motor vibration of electric vehicles with asymmetric suspension damper under road impact. International Journal of Modelling and Simulation, 2019, 39, 14-20.	3.3	6
11	Truck Handling Stability Simulation and Comparison of Taper-Leaf and Multi-Leaf Spring Suspensions with the Same Vertical Stiffness. Applied Sciences (Switzerland), 2020, 10, 1293.	2.5	6
12	A new vertical dynamic model for railway vehicle with passenger-train-track coupling vibration. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2020, 234, 134-146.	0.8	5
13	A method for evaluating the stiffness of a cabin suspension system for fork lift trucks. Journal of Mechanical Science and Technology, 2016, 30, 4523-4528.	1.5	4
14	Dynamic Parameter-Integrated Identification of Cabin System for Heavy Truck. Arabian Journal for Science and Engineering, 2017, 42, 1699-1706.	3.0	1