

Lin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

206
citations

1163117

8
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

186
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Switching control of semi-active suspension based on road profile estimation. <i>Vehicle System Dynamics</i> , 2022, 60, 1972-1992. | 3.7 | 20 |
| 2 | Investigation on the dynamic performance of a new semi-active hydro-pneumatic inerter-based suspension system with MPC control strategy. <i>Mechanical Systems and Signal Processing</i> , 2021, 154, 107569. | 8.0 | 26 |
| 3 | On-line estimation of road profile in semi-active suspension based on unsprung mass acceleration. <i>Mechanical Systems and Signal Processing</i> , 2020, 135, 106370. | 8.0 | 35 |
| 4 | Performance analysis of a new hydropneumatic inerter-based suspension system with semi-active control effect. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2020, 234, 1883-1896. | 1.9 | 13 |
| 5 | Optimal Path Planning and Speed Control Integration Strategy for UGVs in Static and Dynamic Environments. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 10619-10629. | 6.3 | 27 |
| 6 | Trajectory control for tire burst vehicle using the standalone and roll interconnected active suspensions with safety-comfort control strategy. <i>Mechanical Systems and Signal Processing</i> , 2020, 142, 106776. | 8.0 | 18 |
| 7 | A comparative study of lumped equivalent circuit models of a lithium battery for state of charge prediction. <i>International Journal of Energy Research</i> , 2019, 43, 7306. | 4.5 | 14 |
| 8 | Longitudinal Dynamic Control under Complex Driving Conditions via Fuzzy Logic Sliding-mode Control. , 2019, , . | | 0 |
| 9 | Application of Dynamic Vibration Absorber in Torsional Vibration Optimization of Transmission System. , 2018, , . | | 0 |
| 10 | Observer-based hybrid control algorithm for semi-active suspension systems. <i>Journal of Central South University</i> , 2016, 23, 2268-2275. | 3.0 | 7 |
| 11 | State observer-based sliding mode control for semi-active hydro-pneumatic suspension. <i>Vehicle System Dynamics</i> , 2016, 54, 168-190. | 3.7 | 38 |
| 12 | Research on relation between two evaluation methods of random input ride comfort for off-road vehicle. , 2010, , . | | 0 |
| 13 | Modelling and control of a semi-active dual-chamber hydro-pneumatic inerter-based suspension system. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 0, , 095440702199091. | 1.9 | 7 |
| 14 | A hybrid method of predicting the acoustical properties of multi-layered materials. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632110381. | 2.6 | 0 |
| 15 | Multi-objective optimization design of hydropneumatic suspension with gas-oil emulsion for ride comfort and handling stability of an articulated dumper truck. <i>Engineering Optimization</i> , 0, , 1-20. | 2.6 | 1 |