

Liyou Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4994055/publications.pdf>

Version: 2024-02-01

23
papers

53
citations

1937685

4
h-index

1872680

6
g-index

23
all docs

23
docs citations

23
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a Load Torque Based Control Strategy for Improving Electric Tractor Motor Energy Conversion Efficiency. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-14.	1.1	8
2	Parameter identification of the Bouc-Wen model for the magnetorheological damper using fireworks algorithm. <i>Journal of Mechanical Science and Technology</i> , 2022, 36, 2213-2224.	1.5	8
3	The Loading Control Strategy of the Mobile Dynamometer Vehicle Based on Neural Network PID. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-7.	1.1	5
4	Multi-Objective Optimization and Test of a Tractor Drive Motor. <i>World Electric Vehicle Journal</i> , 2022, 13, 43.	3.0	5
5	Multiobjective Optimization Design for Lightweight and Crash Safety of Body-in-White Based on Entropy Weighted Grey Relational Analysis and MNSGA-II. <i>IEEE Access</i> , 2022, 10, 67413-67436.	4.2	5
6	FMI-based co-simulation method and test verification for tractor power-shift transmission. <i>PLoS ONE</i> , 2022, 17, e0263838.	2.5	4
7	Combine Assembly Quality Detection Based on Multi-Entropy Data Fusion and Optimized LSSVM. <i>IEEE Access</i> , 2021, 9, 63188-63198.	4.2	3
8	Parameter identification of Bouc-Wen model for MR damper by parameter sensitivity analysis and modified PSO algorithm. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2022, 69, 513-531.	0.6	3
9	Modeling and simulation of hydro-mechanical continuously variable transmission system based on Simscape. , 2015, , .		2
10	Development of Cooperative Controller for Dual-Motor Independent Drive Electric Tractor. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	2
11	Dynamic Loading System of an Agricultural Vehicle Power Wagon Based on Complex Loading. <i>IEEE Access</i> , 2020, 8, 196667-196674.	4.2	2
12	Design and Simulation of Dynamic Coupling System for Hybrid Electric Tractor. , 2021, , .		2
13	Research of Speed Ratio Matching Strategies of Hydro-Mechanical Continuously Variable Transmission System for Tractor. , 2009, , .		1
14	Study on Hydro-Mechanical Differential Dynamic Turning Process of Tracked Vehicle. , 2009, , .		1
15	Reverse Design and Finite Element Analysis of Tractor Panel Based on CATIA. , 2011, , .		1
16	Shifting control strategy of a tractor AMT system. <i>Australian Journal of Mechanical Engineering</i> , 2018, 16, 9-15.	2.1	1
17	Surface Smoothness Analysis of Tractor Modeling Based on CATIA. , 2011, , .		0
18	Surface Smoothness Analysis of Tractor Modeling Based on CATIA. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Design and Selection of Power Coupling Device of Electro-mechanical Continuously Variable Transmission for Tractor. , 2021, , .		0
20	Inspection method of combine assembly quality based on optimized VMD. Journal of Physics: Conference Series, 2021, 2125, 012021.	0.4	0
21	Simulation of multi-power composite electric tractor based on power fluctuation ratio. Journal of Physics: Conference Series, 2021, 2125, 012007.	0.4	0
22	Assembly Quality Inspection of Combine Harvester Based on Whale Algorithm Optimization LSSVM. Shock and Vibration, 2022, 2022, 1-12.	0.6	0
23	Combine Assembly Fault Diagnosis Based on Optimized Multi-scale Reverse Discrete Entropy. Transactions of the Canadian Society for Mechanical Engineering, 0, , .	0.8	0