

Yang Tian

List of Publications by Year in descending order

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11
papers

199
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and control of a novel two-speed transmission for electric vehicles. Mechanism and Machine Theory, 2018, 127, 13-32.	4.5	59
2	Model and gear shifting control of a novel two-speed transmission for battery electric vehicles. Mechanism and Machine Theory, 2020, 152, 103902.	4.5	30
3	A Novel Adaptive Steering Torque Control Approach for Human-Machine Cooperation Autonomous Vehicles. IEEE Transactions on Transportation Electrification, 2021, 7, 2516-2529.	7.8	30
4	Attenuation reference model based adaptive speed control tactic for automatic steering system. Mechanical Systems and Signal Processing, 2021, 156, 107631.	8.0	18
5	Mode switching analysis and control for a parallel hydraulic hybrid vehicle. Vehicle System Dynamics, 2021, 59, 928-948.	3.7	16
6	Optimal coordinating gearshift control of a two-speed transmission for battery electric vehicles. Mechanical Systems and Signal Processing, 2020, 136, 106521.	8.0	15
7	Fusion Predictive Control Based on Uncertain Algorithm for PMSM of Brake-by-Wire System. IEEE Transactions on Transportation Electrification, 2021, 7, 2645-2657.	7.8	11
8	The dynamic and economic performance study of a new Simpson planetary gearset based dual motor powertrain for electric vehicles. Mechanism and Machine Theory, 2022, 167, 104579.	4.5	10
9	Comparison on Energy Economy and Vibration Characteristics of Electric and Hydraulic in-Wheel Drive Vehicles. Energies, 2021, 14, 2290.	3.1	4
10	Dynamic analysis of unilateral harpoon-shift synchronizer for electric vehicles. Mechanism and Machine Theory, 2021, 157, 104173.	4.5	3
11	Parameter Design of a Parallel Hydraulic Hybrid Vehicle Driving System Based on Regenerative Braking Control Strategy. , 0, , .		3