Xiang-Dang Xue

List of Publications by Year
in descending order

16	483	933447 10	1125743 13
papers	citations	h-index	g-index

16	16	16	463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Four-Wheel Anti-Lock Braking System With Robust Adaptation Under Complex Road Conditions. IEEE Transactions on Vehicular Technology, 2021, 70, 292-302.	6.3	8
2	Design, Analysis and Application of Single-Wheel Test Bench for All-Electric Antilock Braking System in Electric Vehicles. Energies, 2021, 14, 1294.	3.1	4
3	Hybrid Energy Storage System with Vehicle Body Integrated Super-Capacitor and Li-Ion Battery: Model, Design and Implementation, for Distributed Energy Storage. Energies, 2021, 14, 6553.	3.1	17
4	Topology and Analysis of An Electromechanical Brake for Electric Vehicles. , 2020, , .		0
5	Fuzzy Sliding Mode Wheel Slip Ratio Control for Smart Vehicle Anti-Lock Braking System. Energies, 2019, 12, 2501.	3.1	20
6	Model, Analysis, and Application of Tubular Linear Switched Reluctance Actuator for Linear Compressors. IEEE Transactions on Industrial Electronics, 2018, 65, 9863-9872.	7.9	27
7	Design and Analysis of a New Enhanced Torque Hybrid Switched Reluctance Motor. IEEE Transactions on Energy Conversion, 2018, 33, 1965-1977.	5.2	43
8	Topology, Modeling, and Design of Switched-Capacitor-Based Cell Balancing Systems and Their Balancing Exploration. IEEE Transactions on Power Electronics, 2017, 32, 4444-4454.	7.9	159
9	Design of a New Enhanced Torque In-Wheel Switched Reluctance Motor With Divided Teeth for Electric Vehicles. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	65
10	Comparison study of rare-earth-free motors with permanent magnet motors in EV applications. , 2017, , .		2
11	Torque analysis for in-wheel switched reluctance motors with varied number of rotor poles. , 2016, , .		14
12	Adaptive sliding mode techniqueâ€based electromagnetic suspension system with linear switched reluctance actuator. IET Electric Power Applications, 2015, 9, 50-59.	1.8	26
13	Estimation of Inductance Derivative for Force Control of Linear Switched Reluctance Actuator. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	5
14	Active Suspension System Based on Linear Switched Reluctance Actuator and Control Schemes. IEEE Transactions on Vehicular Technology, 2013, 62, 562-572.	6.3	45
15	A Novel Method to Minimize Force Ripple of Multimodular Linear Switched Reluctance Actuators/Motors. IEEE Transactions on Magnetics, 2012, 48, 3859-3862.	2.1	29
16	Direct Instantaneous Force Control With Improved Efficiency for Four-Quadrant Operation of Linear Switched Reluctance Actuator in Active Suspension System. IEEE Transactions on Vehicular Technology, 2012, 61, 1567-1576.	6.3	19