Mario Hrgetic

List of Publications by Year
in descending order

19 papers	**208** citations	1307594 **7** h-index	1474206 **9** g-index
19 all docs	**19** docs citations	**19** times ranked	**225** citing authors

#	Article	IF	Citations
1	Design of a Disc-on-disc-type CNC Tribometer Targeted at Dry Clutch Friction Plate Wear Characterization. International Journal of Automotive Technology, 2022, 23, 55-71.	1.4	1
2	Design of a linear motor-based shaker rig for testing driver's perceived ride comfort. Mechatronics, 2021, 75, 102521.	3.3	9
3	Experimental Analysis of Kalman Filter-Based Vehicle Sideslip Angle Estimation Accuracy and Related Error-Compensation Techniques. , 2020, , .		0
4	Dual Nonlinear Kalman Filter-Based SoC and Remaining Capacity Estimation for an Electric Scooter Li-NMC Battery Pack. Energies, 2020, 13, 540.	3.1	14
5	A Shaker Rig-Based Testing of Perceived Ride Comfort for Various Configurations of Active Suspensions. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2020, 142, .	1.6	4
6	Damping Optimum Design of Single-Phase Inverter Synchronization and Current Control System. , 2019, , .		1
7	Modeling, parameterization and damping optimum-based control system design for an airborne wind energy ground station power plant. Energy Conversion and Management, 2018, 164, 262-276.	9.2	8
8	Damping Optimum-Based Design of Control Strategy Suitable for Battery/Ultracapacitor Electric Vehicles. Energies, 2018, 11, 2854.	3.1	7
9	DC bus feed-forward/feedback control for EVs with battery/ultracapacitor energy storage system. , 2017, , .		3
10	Single phase AC inverter current PR control with auxiliary PI controller for DC current suppression. , 2017, , .		4
11	Dual EKF-Based State and Parameter Estimator for a LiFePO$_4$ Battery Cell. Journal of Power Electronics, 2017, 17, 398-410.	1.5	21
12	Design of a pin-on-disc-type CNC tribometer including an automotive dry clutch application. Mechatronics, 2016, 40, 220-232.	3.3	22
13	A design of cascade control system and adaptive load compensator for battery/ultracapacitor hybrid energy storage-based direct current microgrid. Energy Conversion and Management, 2016, 114, 154-167.	9.2	68
14	Design of EKF-based SoC estimator for an ultracapacitor module. , 2015, , .		2
15	Experimental characterization and development of a SoC/SoH estimator for a LiFePO$_4$ battery cell. , 2015, , .		3
16	Battery current and voltage control system design with charging application. , 2014, , .		16
17	A design of DC bus control system for EVs based on battery/ultracapacitor hybrid energy storage. , 2014, , .		9
18	Dual Kalman filter-based SoC/SoH estimator for an ultracapacitor module. , 2014, , .		9

#	Article	IF	Citations
19	Battery/ultracapacitor test setup control system design and verification. , 2013, , .		7