Antonio Tota

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5818377/publications.pdf

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22	328	1163117 8	1125743 13
papers	citations	h-index	g-index

23	23	23	203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing vehicle cornering limit through sideslip and yaw rate control. Mechanical Systems and Signal Processing, 2016, 75, 455-472.	8.0	71
2	Preview-based techniques for vehicle suspension control: a state-of-the-art review. Annual Reviews in Control, 2021, 51, 206-235.	7.9	63
3	On the Experimental Analysis of Integral Sliding Modes for Yaw Rate and Sideslip Control of an Electric Vehicle with Multiple Motors. International Journal of Automotive Technology, 2018, 19, 811-823.	1.4	40
4	Real time implementation of socially acceptable collision avoidance of a low speed autonomous shuttle using the elastic band method. Mechatronics, 2018, 50, 341-355.	3.3	34
5	Passenger car active braking system: Model and experimental validation (Part I). Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 585-594.	2.1	12
6	Enhancing Transmission NVH Performance through Powertrain Control Integration with Active Braking System. , 0, , .		11
7	Pressure Following Strategy for Conventional Braking Control Applied to a HIL Test Bench. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 10, 721-727.	0.4	11
8	Analytical Study on the Cornering Behavior of an Articulated Tracked Vehicle. Machines, 2021, 9, 38.	2.2	11
9	Passenger car active braking system: Pressure control design and experimental results (part II). Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 786-798.	2.1	10
10	Driveline Backlash and Half-shaft Torque Estimation for Electric Powertrains Control. , 0, , .		10
11	On the model-based design of front-to-total anti-roll moment distribution controllers for yaw rate tracking. Vehicle System Dynamics, 2022, 60, 569-596.	3.7	10
12	Adaptive Equivalent Consumption Minimization Strategy With Rule-Based Gear Selection for the Energy Management of Hybrid Electric Vehicles Equipped With Dual Clutch Transmissions. IEEE Access, 2020, 8, 190017-190038.	4.2	10
13	Experimental Analysis and Model Validation of a Dual Mass Flywheel for Passenger Cars. , 2015, , .		8
14	Experimental Ride Comfort Analysis of an Electric Light Vehicle in Urban Scenario. , 0, , .		6
15	Steering Behavior of an Articulated Amphibious All-Terrain Tracked Vehicle. , 0, , .		5
16	Energy Management Strategy for Hybrid Multimode Powertrains: Influence of Inertial Properties and Road Inclination. Applied Sciences (Switzerland), 2021, 11, 11752.	2.5	5
17	Articulated Steering Control for an All-Terrain Tracked Vehicle. Mechanisms and Machine Science, 2021, , 823-830.	0.5	3
18	A Methodology for Parameter Estimation of Nonlinear Single Track Models from Multibody Full Vehicle Simulation. , 0, , .		2

#	Article	IF	Citations
19	On the Road Profile Estimation from Vehicle Dynamics Measurements. , 0, , .		2
20	Path Tracking Control for Autonomous Driving Applications. Mechanisms and Machine Science, 2018, , 456-467.	0.5	1
21	On the Power-Weighted Efficiency of Multimode Powertrains: A Case Study on a Two-Mode Hybrid System. Mechanisms and Machine Science, 2022, , 522-531.	0.5	1
22	A Smart Measuring System for Vehicle Dynamics Testing. , 0, , .		1