

Seibum Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10591934/publications.pdf>

Version: 2024-02-01

19
papers

314
citations

1307594

7
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Position Estimation Using Linear Hall Sensors for Permanent Magnet Linear Motor Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 7644-7652.	7.9	84
2	Gear shift control of a dual-clutch transmission using optimal control allocation. Mechanism and Machine Theory, 2017, 113, 109-125.	4.5	54
3	Control-oriented modeling and torque estimations for vehicle driveline with dual-clutch transmission. Mechanism and Machine Theory, 2018, 121, 633-649.	4.5	40
4	Adaptive torque tracking control during slip engagement of a dry clutch in vehicle powertrain. Mechanism and Machine Theory, 2019, 134, 249-266.	4.5	33
5	Clamping force estimation based on hysteresis modeling for electro-mechanical brakes. International Journal of Automotive Technology, 2017, 18, 883-890.	1.4	26
6	Lumped disturbance compensation using extended Kalman filter for permanent magnet linear motor system. International Journal of Control, Automation and Systems, 2016, 14, 1244-1253.	2.7	17
7	Dynamic driveline torque estimation during whole gear shift for an automatic transmission. Mechanism and Machine Theory, 2018, 130, 363-381.	4.5	11
8	Model Predictive Control of an All-Wheel Drive Vehicle Considering Input and State Constraints. International Journal of Automotive Technology, 2020, 21, 493-502.	1.4	7
9	Optimization Method of Reference Slip Speed in Clutch Slip Engagement in Vehicle Powertrain. International Journal of Automotive Technology, 2021, 22, 55-67.	1.4	7
10	Adaptive slip engagement control of a wet clutch in vehicle powertrain based on transmitted torque estimation. Mechanical Systems and Signal Processing, 2022, 171, 108861.	8.0	6
11	Engine Net Torque Compensation Through Driveline Torque Estimation in a Parallel Hybrid Vehicle. International Journal of Automotive Technology, 2019, 20, 619-627.	1.4	5
12	Development of Clamping Force Estimation Algorithm and Clamp-force Sensor Calibration on Electromechanical Brake Systems. Transactions of the Korean Society of Automotive Engineers, 2016, 24, 365-371.	0.3	5
13	Gear Shifting Based on MIMO Model Predictive Control for Convenient Adjustment of Shifting Performance. IEEE Transactions on Vehicular Technology, 2022, 71, 233-249.	6.3	5
14	Driveline Modeling With Transmission Loss and Robust Torque Observer Design for Dual Clutch Transmission. IEEE Transactions on Vehicular Technology, 2022, 71, 1267-1279.	6.3	4
15	Varying mass estimation and force ripple compensation using Extended Kalman Filter for linear motor systems. , 2016, , .		3
16	Adaptive control method of clutch torque during clutch slip engagement. , 2020, , .		2
17	Engine Indicated Torque Estimation of a Naturally Aspired Gasoline Engine. International Journal of Automotive Technology, 2020, 21, 1195-1205.	1.4	2
18	Modeling and Parameter Estimation of Automatic Transmission for Heavy-Duty Vehicle Using Dual Clutch Scheme. , 0, , .		2

#	ARTICLE	IF	CITATIONS
19	Control of AWD System for Vehicle Performance and Safety. MATEC Web of Conferences, 2016, 56, 06004.	0.2	1