

Seibum Choi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Adaptive control method of clutch torque during clutch slip engagement. , 2020, , .		2
6	Engine Indicated Torque Estimation of a Naturally Aspired Gasoline Engine. International Journal of Automotive Technology, 2020, 21, 1195-1205.	1.4	2
7	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
8	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
9	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
10	Control-oriented modeling and torque estimations for vehicle driveline with dual-clutch transmission. Mechanism and Machine Theory, 2018, 121, 633-649.	4.5	40
11	Dynamic driveline torque estimation during whole gear shift for an automatic transmission. Mechanism and Machine Theory, 2018, 130, 363-381.	4.5	11
12	Gear shift control of a dual-clutch transmission using optimal control allocation. Mechanism and Machine Theory, 2017, 113, 109-125.	4.5	54
13	Clamping force estimation based on hysteresis modeling for electro-mechanical brakes. International Journal of Automotive Technology, 2017, 18, 883-890.	1.4	26
14	Control of AWD System for Vehicle Performance and Safety. MATEC Web of Conferences, 2016, 56, 06004.	0.2	1
15	Position Estimation Using Linear Hall Sensors for Permanent Magnet Linear Motor Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 7644-7652.	7.9	84
16	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
17	Varying mass estimation and force ripple compensation using Extended Kalman Filter for linear motor systems. , 2016, , .		3
18	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

#	ARTICLE	IF	CITATIONS
19	Modeling and Parameter Estimation of Automatic Transmission for Heavy-Duty Vehicle Using Dual Clutch Scheme. , 0, , .		2