Coordinated and Reconfigurable Vehicle Dynamics Control

DOI: 10.1109/tcst.2008.2002264
IEEE Transactions on Control Systems Technology, 2009, 17, 723-732.

#	Paper	IF	Citations
203	Vehicle yaw inertia and mass independent adaptive control for stability and trajectory tracking enhancements. **2009**,		3
202	Vehicle yaw-inertia- and mass-independent adaptive steering control. **2009**, 223, 1101-1108		16
201	Adaptive control and signal processing literature survey (no. 13). **2009**, 23, 833-836		
200	Vehicle-longitudinal-motion-independent real-time tire-road friction coefficient estimation. **2010**,		2
199	Stability control of electric vehicles with four independently actuated wheels. **2011**,		3
198	Passive fault-tolerant control of a class of over-actuated nonlinear systems and applications to electric vehicles. **2011**,		2
197	Energy-efficient control allocation with applications on planar motion control of electric ground vehicles. **2011**,		9
196	Integrated electric vehicle control by differential parameterization. **2011**,		3
195	Comparison of Static and Dynamic Control Allocation Techniques for Integrated Vehicle Control. **2011**, 44, 7180-7186		1
194	Robust and Nonlinear Integrated Steering / Driving Force Control Using Sliding Mode Control with Iterative Computational Method for Front Steering Vehicles. **2011**, 77, 3705-3720		1
193	. **2011**, 60, 839-848		114
192	Fault-Tolerant Control With Active Fault Diagnosis for Four-Wheel Independently Driven Electric Ground Vehicles. **2011**, 60, 4276-4287		145
191	Development and performance characterization of an electric ground vehicle with independently actuated in-wheel motors. **2011**, 196, 3962-3971		246
190	A global optimization algorithm for energy-efficient control allocation of over-actuated systems. **2011**,		1
189	An adaptive energy-efficient control allocation on planar motion control of electric ground vehicles. **2011**,		10
188	Fault-tolerant control with active fault diagnosis for four-wheel independently-driven electric ground vehicles. **2011**,		2
187	Optimal Reconfiguration Control of the Yaw Stability of the Tractor-Semitrailer Vehicle. **2012**, 2012, 1-23		7

186	Vehicle Sliding Mode Control with Adaptive Upper Bounds: Static versus Dynamic Allocation to Saturated Tire Forces. **2012**, 2012, 1-31		4
185	Development of a vehicle stability control strategy for a hybrid electric vehicle equipped with axle motors. **2012**, 226, 795-814		22
184	Coordinated and optimal acceleration and deceleration driving control for multi-axle hydrostatic driving vehicle. **2012**,		
183	Fault-Tolerant Control for Electric Ground Vehicles With Independently-Actuated In-Wheel Motors. **2012**, 134,		56
182	A branch-and-bound algorithm for energy-efficient control allocation with applications to planar motion control of electric ground vehicles. **2012**,		
181	Adaptive vehicle planar motion control with fast parameter estimation. **2012**,		7
180	Modular robust reconfigurable flight control system design for an overactuated aircraft. **2012**, 6, 1620		9
179	Fast and Global Optimal Energy-Efficient Control Allocation With Applications to Over-Actuated Electric Ground Vehicles. *IEEE Transactions on Control Systems Technology*, **2012**, 20, 1202-1211	4.8	93
178	Optimized coordination of brakes and active steering for a 4WS passenger car. **2012**, 51, 573-83		21
177	Second order sliding mode controller for longitudinal wheel slip control. **2012**,		2
176	Control performance of a road vehicle with four independent single-wheel electric motors and steer-by-wire system. **2012**, 50, 53-69		20
175	Hand-wheel steering signal estimation and diagnosis approaches for ground vehicles. **2012**, 20, 654-662		8
174	Tire–road friction coefficient and tire cornering stiffness estimation based on longitudinal tire force difference generation. **2013**, 21, 65-75		75
173	Passive Actuator Fault-Tolerant Control for a Class of Overactuated Nonlinear Systems and Applications to Electric Vehicles. **2013**, 62, 972-985		86
172	Interior-Point Method to Optimize Tire Force Allocation in 4-Wheeled Vehicles Using High-Level Sliding Mode Control with Adaptive Gain. **2013**, 15, 1188-1200		8
171	Longitudinal Motion Based Lightweight Vehicle Payload Parameter Real-Time Estimations. **2013**, 135,		14
170	Motion Control of Four-Wheel Independently Actuated Electric Ground Vehicles considering Tire Force Saturations. **2013**, 2013, 1-8		13
169	Adaptive optimal control allocation using Lagrangian neural networks for stability control of a 4WS4WD electric vehicle. **2013**, 35, 1139-1151		19

168	Integrated control of active front steering and direct yaw moment for multi-wheel independently driven electric vehicles. **2013**,		0
167	Torque allocation in electric vehicles with in-wheel motors: A performance-oriented approach. **2013** ,		5
166	Design of Fault Tolerant Control System for Electric Vehicles with Steer-by-Wire and In-Wheel Motors. **2013**, 46, 556-561		1
165	Coordination of Steer Angles, Tyre Inflation Pressure, Brake and Drive Torques for Vehicle Dynamics Control. **2013**, 6, 241-251		5
164	Model Predictive Sliding Mode Control for Four Wheel Steering and Driving Vehicles. **2013**, 46, 794-799		1
163	Longitudinal Slip Ratio Control of Electric Powertrains Using a Controller Output Observer for Disturbance Rejection. **2014**, 7, 65-72		7
162	Control allocation in the dynamic control of an eight in-wheel motored vehicle. **2014**,		
161	Fault-tolerant control based on sliding mode for overactuated electric vehicles. **2014**,		1
160	. **2014**, 15, 239-249		26
159	Linear parameter-varying-based fault-tolerant controller design for a class of over-actuated non-linear systems with applications to electric vehicles. **2014**, 8, 705-717		19
158	. **2014**, 63, 591-602		219
157	Lateral motion control for four-wheel-independent-drive electric vehicles using optimal torque allocation and dynamic message priority scheduling. **2014**, 24, 55-66		116
156	Wheel Torque Distribution Criteria for Electric Vehicles With Torque-Vectoring Differentials. **2014**, 63, 1593-1602		138
155	An adaptive control allocation method based reconfigurable control system for Unmanned Aerial Vehicle. **2014**,		1
154	Adaptive Energy-Efficient Control Allocation for Planar Motion Control of Over-Actuated Electric Ground Vehicles. *IEEE Transactions on Control Systems Technology*, **2014**, 22, 1362-1373	4.8	70
153	Design and Experimental Evaluations on Energy Efficient Control Allocation Methods for Overactuated Electric Vehicles: Longitudinal Motion Case. **2014**, 19, 538-548		91
152	Minimum-time manoeuvring in electric vehicles with four wheel-individual-motors. **2014**, 52, 824-846		19
151	A terminal sliding mode based torque distribution control for an individual-wheel-drive vehicle. **2014**, 15, 681-693		16

150	Design of vehicle stability control of distributed-driven electric vehicle based on optimal torque allocation. **2014**,		2
149	Design of safety-oriented control allocation strategies for overactuated electric vehicles. **2014**, 52, 1017-1046		22
148	Linear Parameter-Varying Controller Design for Four-Wheel Independently Actuated Electric Ground Vehicles With Active Steering Systems. *IEEE Transactions on Control Systems Technology*, **2014**, 22, 1281-1296	4.8	113
147	Robust path following control of a small model car with contact-type odometers based on nonlinear tire model. **2014**, 80, DR0130-DR0130		1
146	A receding horizon yaw moment control law for steer-by-wire and independent drive vehicles. **2015** ,		2
145	A Yaw Stability Control Algorithm for Four-Wheel Independently Actuated Electric Ground Vehicles considering Control Boundaries. **2015**, 2015, 1-10		4
144	Driving and Steering Coordination Control for 4WID/4WIS Electric Vehicle. **2015**,		1
143	Fault-Tolerant Control for 4WID/4WIS Electric Vehicle Based on EKF and SMC. **2015**, 9, 1-8		3
142	Hierarchical Adaptive Path-Tracking Control for Autonomous Vehicles. **2015**, 16, 2900-2912		35
141	Robust fault estimation for time-varying and high-order faults in vehicle electric steering systems. **2015**,		1
140	Integrated optimal dynamics control of 4WS4WD electric ground vehicles with tire-road frictional coefficient estimation. **2015**,		4
139	Coordinated Control of Autonomous Four Wheel Drive Electric Vehicles for Platooning and Trajectory Tracking Using a Hierarchical Architecture. **2015**, 137,		31
138	Model-Based Estimation for Vehicle Dynamics States at the Limit Handling. **2015**, 137,		22
137	A novel integrated chassis controller for full drive-by-wire vehicles. **2015**, 53, 215-236		59
136	Gain-scheduled robust control for lateral stability of four-wheel-independent-drive electric vehicles via linear parameter-varying technique. **2015**, 30, 286-296		60
135	Robust control for four wheel independently-actuated electric ground vehicles by external yaw-moment generation. **2015**, 16, 839-847		34
134	Integrated optimal dynamics control of 4WD4WS electric ground vehicle with tire-road frictional coefficient estimation. **2015**, 60-61, 727-741		85
133	A least-squares regression based method for vehicle yaw moment of inertia estimation. **2015**,		3

132	Robust guaranteed cost state-delayed vehicle lateral stability control with applications to in-wheel-motor-driven electric vehicles. **2015**,	5
131	Robust cascade control for the horizontal motion of a vehicle with single-wheel actuators. **2015**, 53, 1742-1758	3
130	Coordinated active steering and four-wheel independently driving/braking control with control allocation. **2015**,	
129	Vehicle motion control with subsystem prioritization. **2015**, 30, 297-315	20
128	Estimation of lateral tire-road forces and sideslip angle for electric vehicles using interacting multiple model filter approach. **2015**, 352, 686-707	69
127	Robust lateral motion control of four-wheel independently actuated electric vehicles with tire force saturation consideration. **2015**, 352, 645-668	41
126	Integral Sliding Mode for the Torque-Vectoring Control of Fully Electric Vehicles: Theoretical Design and Experimental Assessment. **2015**, 64, 1701-1715	79
125	Nonlinear tracking control based on extended state observer for vehicle active suspensions with performance constraints. **2015**, 30, 363-370	72
124	Comprehensive Optimization of Dynamics Performance and Energy Consumption for an Electric Vehicle via Coordinated Control of SBW and FIWMA. **2016**, 9, 90-98	2
123	Optimal Torque Distribution for the Stability Improvement of a Four-Wheel Distributed-Driven Electric Vehicle Using Coordinated Control. **2016**, 11,	9
122	A flexible control allocation method for terminal understeer mitigation. **2016**,	2
121	Coordinated Active Steering and Four-Wheel Independently Driving/Braking Control with Control Allocation. **2016**, 18, 98-111	15
120	Optimal Distribution Control Of Non-Linear Tire Force Of Electric Vehicles With In-Wheel Motors. **2016**, 18, 69-88	17
119	Dynamic coordinated control for over-actuated autonomous electric vehicles with nonholonomic constraints via nonsingular terminal sliding mode technique. **2016**, 85, 583-597	20
118	Linear parameter-varying observer design for vehicle yaw rate sensor bias estimation and signal reconstruction. **2016**,	0
117	Improving vehicle handling stability performance via integrated control of active front steering and suspension systems. **2016**,	4
116	Model-independent self-tuning fault-tolerant control method for 4WID EV. **2016**, 17, 1091-1100	4
115	Gain-Scheduled Vehicle Handling Stability Control Via Integration of Active Front Steering and Suspension Systems. **2016**, 138,	31

114	. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 1557-1572	4.8	60
113	. **2016**, 65, 4480-4492		73
112	Design of Variable Vehicle Handling Characteristics Using Four-Wheel Steer-by-Wire. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 1529-1540	4.8	38
111	Minimum-Time Path-Following for Highly Redundant Electric Vehicles. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 487-501	4.8	13
110	Adaptive coordinated leader-follower control of autonomous over-actuated electric vehicles. **2017**, 39, 1798-1810		6
109	Integrated chassis control for a three-axle electric bus with distributed driving motors and active rear steering system. **2017**, 55, 601-625		29
108	Research on the control and coordination of four-wheel independent driving/steering electric vehicle. **2017**, 9, 168781401769887		15
107	Fuzzy sliding mode control of networked control systems and applications to independent-drive electric vehicles. **2017**,		3
106	A receding horizon sliding control approach for electric powertrains with backlash and flexible half-shafts. **2017**, 55, 1823-1841		6
105	Gain-scheduled fault diagnosis of in-wheel motor electric vehicles. **2017**,		
104	Robust fuzzy control for vehicle lateral dynamic stability via Takagi-Sugeno fuzzy approach. **2017**,		5
103	Vehicle stability control of 4WD electric vehicle using combined adaptive sliding mode controller and control allocation method. **2017**,		2
102	Coordinated control of the steering system and the distributed motors for comprehensive optimization of the dynamics performance and the energy consumption of an electric vehicle. **2017** , 231, 1605-1626		10
101	Autonomous vehicles. **2017**,		1
100	Torque control allocation based on constrained optimization with regenerative braking for electric vehicles. **2017**, 18, 685-698		11
99	Optimal Predictive Control for Path Following of a Full Drive-by-Wire Vehicle at Varying Speeds. **2017**, 30, 711-721		12
98	Correction of contaminated yaw rate signal and estimation of sensor bias for an electric vehicle under normal driving conditions. **2017**, 87, 64-80		12
97	Steering stability control for the four in-wheel motor independent-drive vehicle based on the optimal control. **2017**,		1

96	Towards adaptive power consumption estimation for over-actuated unmanned vehicles. **2017**,	4
95	Vehicle Stability Enhancement through Hierarchical Control for a Four-Wheel-Independently-Actuated Electric Vehicle. **2017**, 10, 947	43
94	Direct Yaw-Moment Control of All-Wheel-Independent-Drive Electric Vehicles with Network-Induced Delays through Parameter-Dependent Fuzzy SMC Approach. **2017**, 2017, 1-15	13
93	Network Scheduling for Distributed Controls of Electric Vehicles Considering Actuator Dynamic Characteristics. **2017**, 10, 156-164	
92	Robust H□dynamic output-feedback control for four-wheel independently actuated electric ground vehicles through integrated AFS/DYC. **2018**, 355, 9321-9350	33
91	Improving Vehicle Handling Stability Based on Combined AFS and DYC System via Robust Takagi-Sugeno Fuzzy Control. **2018**, 19, 2696-2707	77
90	Handling Stability Improvement for a Four-Axle Hybrid Electric Ground Vehicle Driven by In-Wheel Motors. **2018**, 6, 2668-2682	12
89	Integrated stability control of AFS and DYC for electric vehicle based on non-smooth control. **2018**, 49, 1518-1528	50
88	Application of Lexicographic Optimization Method to Integrated Vehicle Control Systems. **2018**, 65, 9677-9686	17
87	Driver Model-Based Fault-Tolerant Control of Independent Driving Electric Vehicle Suffering Steering Failure. **2018**, 1, 85-94	2
86	. **2018**, 67, 2921-2933	9
85	Motor Torque Fault Diagnosis for Four Wheel Independent Motor-Drive Vehicle Based on Unscented Kalman Filter. **2018**, 67, 1969-1976	17
84	Estimation of longitudinal force, lateral vehicle speed and yaw rate for four-wheel independent driven electric vehicles. **2018**, 101, 377-388	59
83	An Adaptive Hierarchical Trajectory Following Control Approach of Autonomous Four-Wheel Independent Drive Electric Vehicles. **2018**, 19, 2482-2492	74
82	Integrated Dynamics Control and Energy Efficiency Optimization for Overactuated Electric Vehicles. **2018**, 20, 1952-1966	6
81	Lateral Motion Stability Control Via Sampled-Data Output Feedback of a High-Speed Electric Vehicle Driven by Four In-Wheel Motors. **2018**, 140,	8
80	Automated Reverse Engineering and Attack for CAN Using OBD-II. **2018**,	8
79	Fault-tolerant Control for Distributed-drive Electric Vehicles Considering Individual Driver Steering Characteristics. **2018**,	

78	Disturbance Observer-Based Sideslip Angle Control for Improving Cornering Characteristics of In-Wheel Motor Electric Vehicles. **2018**, 19, 1071-1080	7
77	Multi-Objective Coordination Control Strategy of Distributed Drive Electric Vehicle by Orientated Tire Force Distribution Method. **2018**, 6, 69559-69574	19
76	Tire Force Distribution Method With the Constraints of Executable Drive Space Consideration. **2018**, 67, 11427-11439	2
75	. **2018**, 67, 10387-10397	14
74	Trajectory-Tracking Control for Autonomous Driving Considering Its Stability with ESP. **2018**,	
73	A robust yaw moment controller design for autonomous ground vehicle aiming to changing directions with high mobility. **2018**,	1
72	Fault-Tolerant Control of Electric Ground Vehicles Using a Triple-Step Nonlinear Approach. **2018**, 23, 1775-1786	20
71	Research on the Dynamic Integration Control for Distributed-Traction Electric Vehicle with Four-Wheel-Distributed Steering System. **2018**,	0
70	Continuous Steering Stability Control Based on an Energy-Saving Torque Distribution Algorithm for a Four in-Wheel-Motor Independent-Drive Electric Vehicle. **2018**, 11, 350	28
69	Lateral stability enhancement based on a novel sliding mode prediction control for a four-wheel-independently actuated electric vehicle. **2019**, 13, 124-133	16
68	Output-feedback triple-step coordinated control for path following of autonomous ground vehicles. **2019**, 116, 146-159	19
67	Automated hazard escaping trajectory planning/tracking control framework for vehicles subject to tire blowout on expressway. **2019**, 98, 61-74	2
66	Integrated Motion Control Scheme for Four-Wheel-Independent Vehicles Considering Critical Conditions. **2019**, 68, 7488-7497	13
65	Comfort braking control for brake-by-wire vehicles. **2019**, 133, 106255	11
64	Game-Based Hierarchical Cooperative Control for Electric Vehicle Lateral Stability via Active Four-Wheel Steering and Direct Yaw-Moment Control. **2019**, 12, 3339	9
63	A novel motion control for ground vehicles with 4 independent wheel agents. **2019**,	
62	An adaptive cascade trajectory tracking control for over-actuated autonomous electric vehicles with input saturation. **2019**, 62, 2153-2160	6
61	Electronic Stability Control for Improving Stability for an Eight In-Wheel Motor-Independent Drive Electric Vehicle. **2019**, 2019, 1-21	4

60	Exact and Causal Inversion of Nonminimum-Phase Systems: A Squaring-Down Approach for Overactuated Systems. **2019**, 24, 2953-2963		2
59	Flatness-based Model Predictive Control for Autonomous Vehicle Trajectory Tracking. **2019**,		4
58	In-Wheel-Motor-Driven Electric Vehicles Motion Control Methods Considering Motor Thermal Protection. **2019**, 141,		11
57	Stability control of in-wheel motor drive vehicle with motor fault. **2019**, 233, 3147-3164		0
56	Coordinated motion and powertrain control of a series-parallel hybrid 8 □8 vehicle with electric wheels. **2019**, 120, 560-583		10
55	A Reconfigurable Integrated Control for Narrow Tilting Vehicles. **2019**, 68, 234-244		13
54	Fault-tolerant control for in-wheel-motor-driven electric ground vehicles in discrete time. **2019**, 121, 441-454		20
53	Optimal design of adaptive shaking vibration control for electric vehicles. **2019**, 57, 134-159		7
52	. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 1846-1861	4.8	3
51	Integrated design of control allocation and triple-step control for over-actuated electric ground vehicles with actuator faults. **2020**, 357, 3150-3167		8
50	Observer-Based Fuzzy Control for Four-Wheel Independently Driven Electric Vehicles with Active Steering Systems. **2020**, 22, 89-100		7
49	Longitudinal and lateral control of autonomous vehicles in multi-vehicle driving environments. **2020**, 14, 924-935		8
48	Research on dynamic division of trunk sub areas based on key junctions. **2020**,		
47	Wheel Modules With Distributed Controllers: A Multi-Agent Approach to Vehicular Control. **2020**, 69, 10879-10888		5
46	Evaluating Model Predictive Path Following and Yaw Stability Controllers for Over-Actuated Autonomous Electric Vehicles. **2020**, 69, 12807-12821		16
45	Autonomous Vehicle Trajectory Following: A Flatness Model Predictive Control Approach With Hardware-in-the-Loop Verification. **2020**, 1-11		7
44	. **2020**, 8, 81055-81068		8
43	Fuzzy Control for Uncertain Electric Vehicle Systems with Sensor Failures and Actuator Saturation. **2020**, 22, 1444-1453		1

42	Reconfigurable Model Predictive Control for Articulated Vehicle Stability With Experimental Validation. **2020**, 6, 308-317	13
41	Integrated Stability Control Strategy of In-Wheel Motor Driven Electric Bus. **2020**, 21, 919-929	6
40	. **2020**, 69, 3748-3759	6
39	An Adaptive Backstepping Sliding Mode Controller to Improve Vehicle Maneuverability and Stability via Torque Vectoring Control. **2020**, 69, 2598-2612	33
38	Adaptive complementary filter-based post-impact control for independently-actuated and differentially-steered autonomous vehicles. **2020**, 144, 106852	2
37	Integrated Stability Control for Narrow Tilting Vehicles: An Envelope Approach. **2021**, 22, 3158-3166	6
36	Velocity-based Lateral Stability Control for Four-wheel Independently Actuated Electric Vehicles with Homogeneous Polynomial Approach. **2021**, 19, 255-266	2
35	Hierarchical coordinated control distribution and experimental verification for six-wheeled unmanned ground vehicles. **2021**, 235, 1037-1056	1
34	A cooperative control strategy for yaw rate and sideslip angle control combining torque vectoring with rear wheel steering. 1-34	3
33	Agent-based Model Predictive Controller (AMPC) for Flexible and Efficient Vehicular Control. **2021**, 1-1	1
32	Stability analysis of connected vehicles with V2V communication and time delays: CTCR method via B□out□ resultant. **2021**, 43, 1802-1829	0
31	Research on vehicle stability region under critical driving situations with static bifurcation theory. **2021**, 235, 2072-2085	3
30	Unified Chassis Control of Electric Vehicles Considering Wheel Vertical Vibrations. **2021**, 21,	1
29	Reconfigurable Slip Vectoring Control in Four In-Wheel Drive Electric Vehicles. **2021**, 10, 157	2
28	Human-Centered Torque Vectoring Control for Distributed Drive Electric Vehicle Considering Driving Characteristics. **2021**, 70, 7386-7399	5
27	Energy-efficient torque-allocation strategy for a 6□6 vehicle using electric wheels. **2021**, 10, 100136	2
26	Directional stability analysis and integrated control of articulated heavy vehicles. **2021**, 319-375	
25	Implementation of a modified Hamiltonian algorithm for control allocation. **2016**, 157-162	2

24	Reconfigurable Control Allocation of Multi-Surfaces Aircraft Based on Improved Fixed Point Iteration. **2014**, 45-55	
23	Design of a Fault Tolerant Robust Control System for a Vehicle with Steer-by-wire and In-wheel Motors by Utilizing Steering and Drive-train Systems. **2014**, 50, 801-810	1
22	Direct Yaw Control of Vehicle using State Dependent Riccati Equation with Integral Terms. **2016**, 16, 101-110	1
21	Vehicle Escape Dynamics on an Arbitrarily Curved Surface. **2020**, 141-149	1
20	Slip-aware driver assistance path tracking and stability control. **2022**, 118, 104958	2
19	A Stereo Vision-Aided Receding Horizon Vehicle Dynamic Control System for Independent Drive Vehicles Steered by Wire. **2021**, 1-1	0
18	Trajectory Tracking Control of Intelligent Driving Vehicle Based on Model Predictive Control. **2020**,	0
17	Feedforward and Feedback Integrated Control for Handling Characteristics Adjustment of Multi-axle Heavy-duty Vehicles Using Independent-drive Electric Wheels. **2021**,	
16	Design and Performance Analysis of Multi-axle Independent-drive Heavy-duty Fuel Cell Vehicles. **2021**,	0
15	Agent-based Model Predictive Controller (AMPC) for Vehicular Stability with Experimental Results. **2022**, 1-1	
14	Modeling and Reinforcement Learning Control of an Autonomous Vehicle to Get Unstuck From a Ditch. 1-44	
13	Improved ADRC-Based Autonomous Vehicle Path-Tracking Control Study Considering Lateral Stability. **2022**, 12, 4660	
12	Automated Vehicle Path Following: A Non-Quadratic-Lyapunov-Function-Based Model Reference Adaptive Control Approach With $mathcal{C}^{infty}$-Smooth Projection Modification. **2022**, 1-12	0
11	Steering Dynamics and Path Tracking Control of Wheel-Legged Robot. **2022**,	
10	Review on Torque Distribution Scheme of Four-Wheel In-Wheel Motor Electric Vehicle. **2022**, 10, 619	2
9	Energy-Saving Algorithm Considering Cornering Resistance of a Four-Wheel Independent Drive Electric Vehicle with Vehicle-to-Vehicle (V2V) Information. **2022**, 1-1	0
8	A Biquadratic-Lyapunov-Function-based Adaptive Control Methodology with Application to Automated Ground Vehicle Path Tracking. **2022**,	0
7	Self-scheduled L1 Robust Vehicular Sideslip Angle Estimation. **2022**,	0

6	Linear quadratic regulator based on extended state observer-based active disturbance rejection control of autonomous vehicle path following control. 095965182211180	0
5	Individualizable Vehicle Lane Keeping Assistance System Design: A Linear-Programming-Based Model Predictive Control Approach. **2022**, 55, 518-523	0
4	MPC-based torque distribution for planar motion of four-wheel independently driven electric vehicles: Considering motor models and iron losses. **2023**, 1-9	0
3	Reviewing control allocation using quadratic programming for motion control and power coordination of battery electric vehicles. **2022**,	0
2	Adaptive slip vectoring for speed and yaw-rate control in electric vehicles with four in-wheel motors. **2023**, 135, 105511	0
1	Toward Fault-Tolerant Vehicle Motion Control for Over-Actuated Automated Vehicles: A Non-Linear Model Predictive Approach. **2023**, 11, 10499-10519	0