Mohamad Heerwan Peeie

List of Publications by Year
in descending order

21	69	1684188 5	1588992 8
papers	citations	h-index	g-index

22	22	22	60
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Skid control of a small electric vehicle with two in-wheel motors: simulation model of ABS and regenerative brake control. International Journal of Crashworthiness, 2016, 21, 396-406.	1.9	20
2	Driving Assist System for Ultra-Compact EVsâ€•Fundamental Consideration of Muscle Burden Owing to Differences in the Driversâ€™ Physiques. Actuators, 2018, 7, 44.	2.3	7
3	Effect of load distribution on longitudinal and lateral forces acting on each wheel of a compact electric vehicle. SN Applied Sciences, 2020, 2, 1.	2.9	7
4	Preliminary Thermal Evaluation of Actuator for Steer-by-Wire Vehicle. IEEE Transactions on Vehicular Technology, 2018, 67, 11468-11474.	6.3	6
5	Experimental Study on the Effect of Emergency Braking without Anti-Lock Braking System to Vehicle Dynamics Behaviour. International Journal of Automotive and Mechanical Engineering, 2020, 17, 7832-7841.	0.9	5
6	The comparison respond of braking torque control between PID and SMC controller for electric powered wheelchair descending on slope condition. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012088.	0.6	4
7	Investigation on Vehicle Dynamic Behaviour During Emergency Braking at Different Speed. International Journal of Automotive and Mechanical Engineering, 2019, 16, 6161-6172.	0.9	4
8	Skid control of small electric vehicle with hydraulic-mechanical hybrid brake system (Effect of ABS) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	2
9	Skid control enhancement for small electric vehicle by using sliding mode control strategy. , 2018, , .		2
10	The effect of parallel steering of a four-wheel drive and four-wheel steer electric vehicle during spinning condition: a numerical simulation. IOP Conference Series: Materials Science and Engineering, 2019, 469, 012084.	0.6	2
11	A Basic Study on Hybrid Systems for Small Race Car to Improve Dynamic Performance Using Lap Time Simulation. Actuators, 2022, 11, 173.	2.3	2
12	Skid control of small electric vehicle (Effect of the regenerative braking force to the hysteresis of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		1
13	Development of Zero Turning Radius by using different independent torque. , 2017, , .		1
14	Combination of Skid Control and Direct Yaw Moment Control to Improve the Safety and Stability of the Small Electric Vehicle with Two In-Wheel Motors. MATEC Web of Conferences, 2017, 135, 00022.	0.2	1
15	Parameters estimation and calibration of BLDC motor for electric powered wheelchair. AIP Conference Proceedings, 2019, , .	0.4	1
16	Comparison of braking performance between mechanical and dynamic braking for Electric Powered Wheelchair. IOP Conference Series: Materials Science and Engineering, 2019, 469, 012104.	0.6	1
17	Speed estimation of the electric-powered wheelchair by proposing the state observer method based on experimental data. SN Applied Sciences, 2020, 2, 1.	2.9	1
18	Investigation on linear and nonlinear dynamic equation for vehicle model in numerical simulation. IOP Conference Series: Materials Science and Engineering, 2021, 1078, 012010.	0.6	1

#	Article	IF	Citations
19	Study on Differential Regenerative Braking Torque Control to Increase the Stability of the Small Electric Vehicle with Four In-Wheel Motors. MATEC Web of Conferences, 2017, 90, 01042.	0.2	0
20	Experimental study of the vehicle dynamics behavior during lane changing in different speeds. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012078.	0.6	0
21	Plugging Brake System as a Hill Descend Control for Electric Powered Wheelchair: Experimental Analysis. , 2019, , .		0