

# Mohamad Heerwan Peeie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3452789/publications.pdf>

Version: 2024-02-01

21  
papers

69  
citations

1684188

5  
h-index

1588992

8  
g-index

22  
all docs

22  
docs citations

22  
times ranked

60  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Basic Study on Hybrid Systems for Small Race Car to Improve Dynamic Performance Using Lap Time Simulation. <i>Actuators</i> , 2022, 11, 173.	2.3	2
2	Investigation on linear and nonlinear dynamic equation for vehicle model in numerical simulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1078, 012010.	0.6	1
3	Effect of load distribution on longitudinal and lateral forces acting on each wheel of a compact electric vehicle. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	7
4	Speed estimation of the electric-powered wheelchair by proposing the state observer method based on experimental data. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	1
5	Experimental Study on the Effect of Emergency Braking without Anti-Lock Braking System to Vehicle Dynamics Behaviour. <i>International Journal of Automotive and Mechanical Engineering</i> , 2020, 17, 7832-7841.	0.9	5
6	Parameters estimation and calibration of BLDC motor for electric powered wheelchair. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
7	The effect of parallel steering of a four-wheel drive and four-wheel steer electric vehicle during spinning condition: a numerical simulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 469, 012084.	0.6	2
8	Comparison of braking performance between mechanical and dynamic braking for Electric Powered Wheelchair. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 469, 012104.	0.6	1
9	Plugging Brake System as a Hill Descend Control for Electric Powered Wheelchair: Experimental Analysis. , 2019, , .		0
10	Investigation on Vehicle Dynamic Behaviour During Emergency Braking at Different Speed. <i>International Journal of Automotive and Mechanical Engineering</i> , 2019, 16, 6161-6172.	0.9	4
11	Skid control enhancement for small electric vehicle by using sliding mode control strategy. , 2018, , .		2
12	The comparison respond of braking torque control between PID and SMC controller for electric powered wheelchair descending on slope condition. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 342, 012088.	0.6	4
13	Driving Assist System for Ultra-Compact EVsâ€™ Fundamental Consideration of Muscle Burden Owing to Differences in the Driversâ€™ Physiques. <i>Actuators</i> , 2018, 7, 44.	2.3	7
14	Preliminary Thermal Evaluation of Actuator for Steer-by-Wire Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 11468-11474.	6.3	6
15	Study on Differential Regenerative Braking Torque Control to Increase the Stability of the Small Electric Vehicle with Four In-Wheel Motors. <i>MATEC Web of Conferences</i> , 2017, 90, 01042.	0.2	0
16	Development of Zero Turning Radius by using different independent torque. , 2017, , .		1
17	Experimental study of the vehicle dynamics behavior during lane changing in different speeds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 257, 012078.	0.6	0
18	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. <i>MATEC Web of Conferences</i> , 2017, 135, 00022.	0.2	1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Skid control of small electric vehicle (Effect of the regenerative braking force to the hysteresis of) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0784314	1