Ester Olmeda

List of Publications by Year
in descending order

14 papers	144 citations	1684188 5 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	139 citing authors

#	Article	IF	Citations
1	Design of an Estimator Using the Artificial Neural Network Technique to Characterise the Braking of a Motor Vehicle. Sensors, 2022, 22, 1644.	3.8	1
2	Holistic Vehicle Instrumentation for Assessing Driver Driving Styles. Sensors, 2021, 21, 1427.	3.8	3
3	Surface Electromyography Study Using a Low-Cost System: Are There Neck Muscles Differences When the Passenger Is Warned during an Emergency Braking Inside an Autonomous Vehicle?. Sensors, 2021, 21, 5378.	3.8	3
4	Development and Characterization of a Compact Device for Measuring the Braking Torque of a Vehicle. Sensors, 2020, 20, 4278.	3.8	4
5	Study of the Emergency Braking Test with an Autonomous Bus and the sEMG Neck Response by Means of a Low-Cost System. Micromachines, 2020, 11, 931.	2.9	5
6	CARBON FIBER REINFORCED PLASTICS (CFRP) MONOCOQUE STRUCTURE FOR FORMULA STUDENT CAR. Dyna (Spain), 2020, 95, 18-22.	0.2	0
7	Is the Use of a Low-Cost sEMG Sensor Valid to Measure Muscle Fatigue?. Sensors, 2019, 19, 3204.	3.8	37
8	Validation of a Low-Cost Electromyography (EMG) System via a Commercial and Accurate EMG Device: Pilot Study. Sensors, 2019, 19, 5214.	3.8	34
9	ERGONOMIC ANALYSIS OF THE DRIVER POSITION FOCUSED ON THE CLUTCH PEDAL. Dyna (Spain), 2019, 94, 502-506.	0.2	1
10	Clutch Pedal Sensorization and Evaluation of the Main Parameters Related to Driver Posture. Sensors, 2018, 18, 2797.	3.8	4
11	Sideslip angle estimator based on ANFIS for vehicle handling and stability. Journal of Mechanical Science and Technology, 2015, 29, 1473-1481.	1.5	29
12	An Uncertainty Model Of Approximating The Analytical Solution To The Real Case In The Field Of Stress Prediction. Metrology and Measurement Systems, 2015, 22, 429-442.	1.4	3
13	Bump Modeling and Vehicle Vertical Dynamics Prediction. Advances in Mechanical Engineering, 2014, 6, 736576.	1.6	15
14	Head injury criterion: the best way to evaluate head damage?. International Journal of Vehicle Design, 2007, 45, 411.	0.3	5