

# Ester Olmeda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3344664/publications.pdf>

Version: 2024-02-01

14  
papers

144  
citations

1684188

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1199594

12  
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15  
docs citations

15  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is the Use of a Low-Cost sEMG Sensor Valid to Measure Muscle Fatigue?. Sensors, 2019, 19, 3204.	3.8	37
2	Validation of a Low-Cost Electromyography (EMG) System via a Commercial and Accurate EMG Device: Pilot Study. Sensors, 2019, 19, 5214.	3.8	34
3	Sideslip angle estimator based on ANFIS for vehicle handling and stability. Journal of Mechanical Science and Technology, 2015, 29, 1473-1481.	1.5	29
4	Bump Modeling and Vehicle Vertical Dynamics Prediction. Advances in Mechanical Engineering, 2014, 6, 736576.	1.6	15
5	Head injury criterion: the best way to evaluate head damage?. International Journal of Vehicle Design, 2007, 45, 411.	0.3	5
6	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
7	Clutch Pedal Sensorization and Evaluation of the Main Parameters Related to Driver Posture. Sensors, 2018, 18, 2797.	3.8	4
8	Development and Characterization of a Compact Device for Measuring the Braking Torque of a Vehicle. Sensors, 2020, 20, 4278.	3.8	4
9	Holistic Vehicle Instrumentation for Assessing Driver Driving Styles. Sensors, 2021, 21, 1427.	3.8	3
10	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
11	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
12	ERGONOMIC ANALYSIS OF THE DRIVER POSITION FOCUSED ON THE CLUTCH PEDAL. Dyna (Spain), 2019, 94, 502-506.	0.2	1
13	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
14	CARBON FIBER REINFORCED PLASTICS (CFRP) MONOCOQUE STRUCTURE FOR FORMULA STUDENT CAR. Dyna (Spain), 2020, 95, 18-22.	0.2	0