

# Manuel Acosta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7111443/publications.pdf>

Version: 2024-02-01

11  
papers

252  
citations

1684188

5  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicle state and tyre force estimation: demonstrations and guidelines. <i>Vehicle System Dynamics</i> , 2021, 59, 675-702.	3.7	56
2	On tyre force virtual sensing for future Automated Vehicle-Based Objective Tyre Testing (AVBOTT). <i>Vehicle System Dynamics</i> , 2019, 57, 1795-1821.	3.7	5
3	Teaching a vehicle to autonomously drift: A data-based approach using Neural Networks. <i>Knowledge-Based Systems</i> , 2018, 153, 12-28.	7.1	35
4	Tire lateral force estimation and grip potential identification using Neural Networks, Extended Kalman Filter, and Recursive Least Squares. <i>Neural Computing and Applications</i> , 2018, 30, 3445-3465.	5.6	42
5	Robust Virtual Sensing for Vehicle Agile Manoeuvring: A Tyre-Model-Less Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 1894-1908.	6.3	16
6	On full MAGV lateral dynamics exploitation: Autonomous drift control. , 2018, , .		5
7	Robust brake linings friction coefficient estimation for enhancement of ehb control. , 2017, , .		4
8	Optimized tire force estimation using extended Kalman filter and fruit fly optimization. , 2017, , .		5
9	Road Friction Virtual Sensing: A Review of Estimation Techniques with Emphasis on Low Excitation Approaches. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1230.	2.5	71
10	Accurate virtual sensing of vertical tire forces for enhanced handling dynamics. , 2017, , .		4
11	Vehicle agile maneuvering: From rally drivers to a finite state machine approach. , 2016, , .		9