

Manuel Acosta

List of Publications by Year in descending order

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11
papers

252
citations

1684188

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h-index

1872680

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g-index

11
all docs

11
docs citations

11
times ranked

247
citing authors

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