

Mansour Ataei

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

321
citations

1040018

9
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Model Predictive Control for integrated lateral stability, traction/braking control, and rollover prevention of electric vehicles. <i>Vehicle System Dynamics</i> , 2020, 58, 49-73.	3.7	105
2	Multi-objective optimization of a hybrid electromagnetic suspension system for ride comfort, road holding and regenerated power. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 782-793.	2.6	40
3	A Novel Reconfigurable Integrated Vehicle Stability Control With Omni Actuation Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 2945-2957.	6.3	31
4	Reconfigurable Integrated Stability Control for Four- and Three-wheeled Urban Vehicles With Flexible Combinations of Actuation Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 2031-2041.	5.8	30
5	Model predictive rollover prevention for steer-by-wire vehicles with a new rollover index. <i>International Journal of Control</i> , 2020, 93, 140-155.	1.9	27
6	A Reconfigurable Integrated Control for Narrow Tilting Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 234-244.	6.3	19
7	A general rollover index for tripped and un-tripped rollovers on flat and sloped roads. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019, 233, 304-316.	1.9	19
8	A Universal and Reconfigurable Stability Control Methodology for Articulated Vehicles With Any Configurations. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 3748-3759.	6.3	18
9	Rollover stabilities of three-wheeled vehicles including road configuration effects. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2017, 231, 859-871.	1.9	16
10	Active camber system for lateral stability improvement of urban vehicles. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019, 233, 3824-3838.	1.9	8
11	Development of a novel general reconfigurable vehicle dynamics model. <i>Mechanism and Machine Theory</i> , 2021, 156, 104147.	4.5	8