

Roberto Spinola Barbosa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10704454/publications.pdf>

Version: 2024-02-01

8
papers

86
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3D Contact Force Safety Criterion for Flange Climb Derailment of a Railway Wheel. <i>Vehicle System Dynamics</i> , 2004, 42, 289-300.	3.7	36
2	Vehicle Dynamic Safety in Measured Rough Pavement. <i>Journal of Transportation Engineering</i> , 2011, 137, 305-310.	0.9	19
3	New method for railway track quality identification through the safety dynamic performance of instrumented railway vehicle. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016, 38, 2265-2275.	1.6	11
4	Safety of a railway wheelset "derailment simulation with increasing lateral force. <i>Vehicle System Dynamics</i> , 2009, 47, 1493-1510.	3.7	10
5	Evaluation of Railway Track Safety with a New Method for Track Quality Identification. <i>Journal of Transportation Engineering</i> , 2016, 142, .	0.9	7
6	Analytical solution proposal to vehicle dynamic handling properties. <i>International Journal of Vehicle Systems Modelling and Testing</i> , 2011, 6, 56.	0.1	1
7	Numerical optimisation methods applied to the concurrent problem of vehicle ride and handling. <i>International Journal of Vehicle Systems Modelling and Testing</i> , 2013, 8, 316.	0.1	1
8	A Road-Holding Index Based on Ride Dynamics for High-Downforce Racing Cars. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 538, 012069.	0.6	1