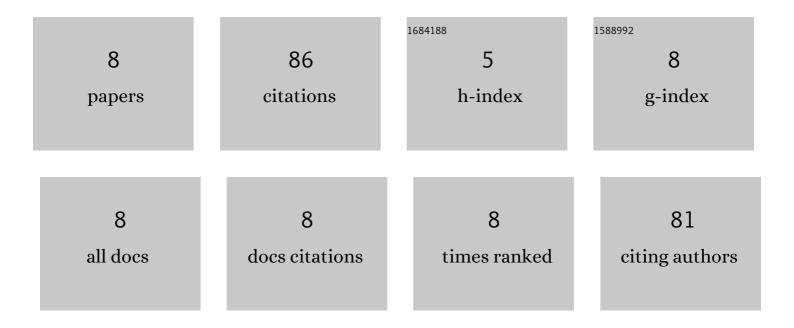
Roberto Spinola Barbosa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10704454/publications.pdf Version: 2024-02-01



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