

# 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 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
2	Evaluation of Railway Track Safety with a New Method for Track Quality Identification. Journal of Transportation Engineering, 2016, 142, .	0.9	7
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	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
5	Analytical solution proposal to vehicle dynamic handling properties. International Journal of Vehicle Systems Modelling and Testing, 2011, 6, 56.	0.1	1
6	Vehicle Dynamic Safety in Measured Rough Pavement. Journal of Transportation Engineering, 2011, 137, 305-310.	0.9	19
7	Safety of a railway wheelset “derailment simulation with increasing lateral force. Vehicle System Dynamics, 2009, 47, 1493-1510.	3.7	10
8	A 3D Contact Force Safety Criterion for Flange Climb Derailment of a Railway Wheel. Vehicle System Dynamics, 2004, 42, 289-300.	3.7	36