

# Santiago Gregori

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2625838/publications.pdf>

Version: 2024-02-01

9  
papers

142  
citations

1307366

7  
h-index

1588896

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical model of the pantograph-catenary dynamic interaction and comparison with numerical simulations. <i>Vehicle System Dynamics</i> , 2022, 60, 132-155.	2.2	15
2	Hardware-in-the-loop pantograph tests using analytical catenary models. <i>Vehicle System Dynamics</i> , 2022, 60, 3504-3518.	2.2	5
3	Analysis of the overlap section in a high-speed railway catenary by means of numerical simulations. <i>Engineering Structures</i> , 2020, 221, 110963.	2.6	12
4	Stochastic Monte Carlo simulations of the pantograph-catenary dynamic interaction to allow for uncertainties introduced during catenary installation. <i>Vehicle System Dynamics</i> , 2019, 57, 471-492.	2.2	21
5	A modal coordinate catenary model for the real-time simulation of the pantograph-catenary dynamic interaction. <i>Finite Elements in Analysis and Design</i> , 2019, 162, 1-12.	1.7	12
6	An approach to geometric optimisation of railway catenaries. <i>Vehicle System Dynamics</i> , 2018, 56, 1162-1186.	2.2	30
7	Fast simulation of the pantograph-catenary dynamic interaction. <i>Finite Elements in Analysis and Design</i> , 2017, 129, 1-13.	1.7	38
8	Parametric model for the simulation of the railway catenary system static equilibrium problem. <i>Finite Elements in Analysis and Design</i> , 2016, 115, 21-32.	1.7	9
9	Simulation of the contact wire wear evolution in high speed overhead contact lines. , 0 , , .		0