

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