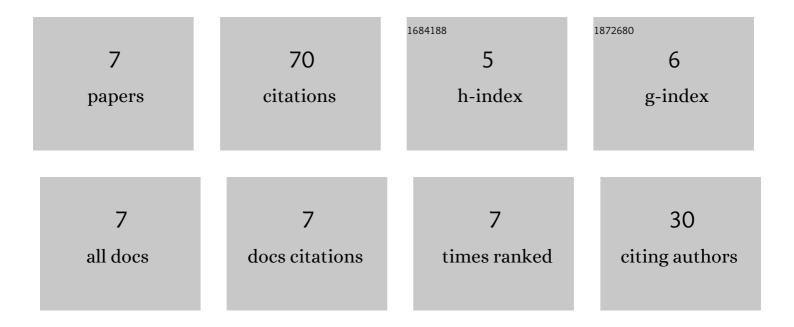
Benjamin Hirzinger

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3358955/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dynamic response of a non-classically damped beam with general boundary conditions subjected to a moving mass-spring-damper system. International Journal of Mechanical Sciences, 2020, 185, 105877.	6.7	19
2	Approaches for predicting the probability of failure of bridges subjected to high-speed trains. Probabilistic Engineering Mechanics, 2020, 59, 103021.	2.7	13
3	Dynamic analysis of railway bridges exposed to high-speed trains considering the vehicle–track–bridge–soil interaction. Acta Mechanica, 2021, 232, 4583-4608.	2.1	13
4	RUC-based multi-scale model for braid-reinforced polymers: Application to coil springs. Composites Part B: Engineering, 2018, 155, 431-443.	12.0	12
5	On the optimal strategy of stochastic-based reliability assessment of railway bridges for high-speed trains. Meccanica, 2019, 54, 1385-1402.	2.0	10
6	On computational interdisciplinary modeling for reliability assessment of highâ€speed train – bridge interaction. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800047.	0.2	2
7	Reliability Of Bridges for High-Speed Trains:Assessment OF Different Stochastic Approaches. , 2018, , .		1