

Benjamin Hirzinger

List of Publications by Year in descending order

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7
papers

70
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

30
citing authors

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