

# Danilo Smiljan Kusanovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2842855/publications.pdf>

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9  
papers

225  
citations

1478505

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h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional nonlinear soil-structure interaction for Rayleigh wave incidence in layered soils. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 2752-2770.	4.4	10
2	Optimization of frequency domain impedances for time-domain response analyses of building structures with rigid shallow foundations. <i>Earthquake Spectra</i> , 2021, 37, 1955-1979.	3.1	2
3	On the effect of near-field excitations on the reliability-based performance and design of base-isolated structures. <i>Probabilistic Engineering Mechanics</i> , 2014, 36, 28-44.	2.7	22
4	Model-reduction techniques for Bayesian finite element model updating using dynamic response data. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2014, 279, 301-324.	6.6	65
5	Reliability-Based Design Optimization of Uncertain Stochastic Systems: Gradient-Based Scheme. <i>Journal of Engineering Mechanics - ASCE</i> , 2012, 138, 60-70.	2.9	25
6	Compromise design of stochastic dynamical systems: A reliability-based approach. <i>Probabilistic Engineering Mechanics</i> , 2012, 29, 40-52.	2.7	9
7	An Efficient First-Order Scheme for Reliability Based Optimization of Stochastic Systems. <i>Computational Methods in Applied Sciences (Springer)</i> , 2011, , 129-153.	0.3	0
8	Reliability-based synthesis of non-linear stochastic dynamical systems: a global approximation approach. <i>International Journal of Reliability and Safety</i> , 2010, 4, 139.	0.2	5
9	Reliability-based optimization of stochastic systems using line search. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2009, 198, 3915-3924.	6.6	87