

# Soumya Bhattacharjya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8176820/publications.pdf>

Version: 2024-02-01

14  
papers

113  
citations

1684188

5  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust optimization of structures subjected to stochastic earthquake with limited information on system parameter uncertainty. <i>Engineering Optimization</i> , 2011, 43, 1311-1330.	2.6	37
2	Sensitivity importance-based robust optimization of structures with incomplete probabilistic information. <i>International Journal for Numerical Methods in Engineering</i> , 2012, 90, 1261-1277.	2.8	22
3	Efficient reliability-based robust design optimization of structures under extreme wind in dual response surface framework. <i>Structural and Multidisciplinary Optimization</i> , 2020, 62, 2711-2730.	3.5	17
4	An improved robust multi-objective optimization of structure with random parameters. <i>Advances in Structural Engineering</i> , 2018, 21, 1597-1607.	2.4	11
5	A metamodeling-based robust optimisation approach for structures subjected to random underground blast excitation. <i>Structures</i> , 2021, 33, 3615-3632.	3.6	7
6	Robust design of offshore jacket platform structure under random wave in dual response surface framework. <i>Structure and Infrastructure Engineering</i> , 2021, 17, 887-901.	3.7	4
7	Efficient robust design optimization of rail bridge hollow pier considering uncertain but bounded type parameters in metamodeling framework. <i>Asian Journal of Civil Engineering</i> , 2018, 19, 679-692.	1.6	3
8	Efficient Robust Design Optimization of a Stackers Reclaimer Structure Under Uncertainty. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2019, 26, 1950009.	0.6	3
9	A dual response surface-based efficient fragility analysis approach of offshore structures under random wave load. <i>Applied Mathematical Modelling</i> , 2021, 98, 680-700.	4.2	3
10	Robust Design Optimization of Concrete Circular Underground Pipes Considering Seismic Effects. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2022, 13, .	1.6	3
11	Improved robust design optimisation of structures. <i>Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics</i> , 2011, 164, 47-57.	0.4	2
12	Wind Effect on Closely Spaced Rectangular Tall Buildings of U Shape Geometrical Pattern. <i>Lecture Notes in Civil Engineering</i> , 2022, , 769-779.	0.4	1
13	Efficient Robust Optimization of Structures Subjected to Earthquake Load and Characterized by Uncertain Bounded System Parameters. , 0, , 105-127.		0
14	Dual Polynomial Response Surface-Based Robust Design Optimization of Structure Under Stochastic Blast Load. <i>Lecture Notes in Civil Engineering</i> , 2021, , 623-634.	0.4	0