

# Soumya Bhattacharjya

## List of Publications by Year in descending order

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14  
papers

113  
citations

1684188

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1281871

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15  
all docs

15  
docs citations

15  
times ranked

88  
citing authors

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