

Tathagata Roy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5859890/publications.pdf>

Version: 2024-02-01

13
papers

154
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-hazard analysis and design of structures: status and research trends. Structure and Infrastructure Engineering, 2023, 19, 845-874.	3.7	11
2	A probabilistic framework for assessment of reinforced concrete wall panel under cascaded post-blast fire scenario. Journal of Building Engineering, 2022, 45, 103506.	3.4	3
3	Multihazard framework for investigating high-rise base-isolated buildings under earthquakes and long-duration winds. Earthquake Engineering and Structural Dynamics, 2021, 50, 1334-1357.	4.4	18
4	Mechanics of damage in reinforced concrete member under post-blast fire scenario. Structures, 2021, 31, 740-760.	3.6	18
5	Probabilistic framework for failure investigation of reinforced concrete wall panel under dynamic blast loads. Engineering Failure Analysis, 2021, 125, 105368.	4.0	13
6	Time-Dependent Damage Estimation of a High-Rise Steel Building Equipped with Buckling-Restrained Brace under a Series of Earthquakes and Winds. Applied Sciences (Switzerland), 2021, 11, 9253.	2.5	3
7	Framework for fragility assessment of reinforced concrete portal frame subjected to elevated temperature. Structures, 2020, 28, 2785-2800.	3.6	6
8	Effectiveness of Friction Dampers in Seismic and Wind Response Control of Connected Adjacent Steel Buildings. Shock and Vibration, 2020, 2020, 1-21.	0.6	12
9	Member and structural fragility of reinforced concrete structure under fire. Journal of Structural Fire Engineering, 2020, 11, 409-435.	0.8	8
10	Fire fragility of reinforced concrete panels under transverse out-of-plane and compressive in-plane loads. Fire Safety Journal, 2020, 113, 102976.	3.1	8
11	Probabilistic assessment of steel buildings installed with passive control devices under multi-hazard scenario of earthquake and wind. Structural Safety, 2020, 85, 101955.	5.3	21
12	Effectiveness of passive response control devices in buildings under earthquake and wind during design life. Structure and Infrastructure Engineering, 2019, 15, 252-268.	3.7	27
13	Comparison of Damage Index and Fragility Curve of RC Structure Using Different Indian Standard Codes. , 2015, , 2551-2563.		6