

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