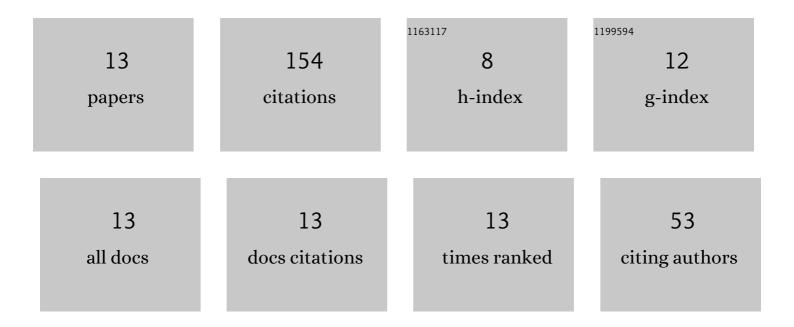
Tathagata Roy

List of Publications by Year in descending order

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ΤΛΤΗΛΟΛΤΛ ΡΟΥ

#	Article	IF	CITATIONS
1	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
2	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
3	Multihazard framework for investigating highâ€rise baseâ€isolated buildings under earthquakes and longâ€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	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
7	Multi-hazard analysis and design of structures: status and research trends. Structure and Infrastructure Engineering, 2023, 19, 845-874.	3.7	11
8	Member and structural fragility of reinforced concrete structure under fire. Journal of Structural Fire Engineering, 2020, 11, 409-435.	0.8	8
9	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
10	Framework for fragility assessment of reinforced concrete portal frame subjected to elevated temperature. Structures, 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. Journal of Building Engineering, 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. Applied Sciences (Switzerland), 2021, 11, 9253.	2.5	3