

Thanh-Tuan Tran

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

197
citations

1039406

9
h-index

1058022

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24
all docs

24
docs citations

24
times ranked

100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fragility assessment for electric cabinet in nuclear power plant using response surface methodology. Nuclear Engineering and Technology, 2019, 51, 894-903. | 1.1 | 30 |
| 2 | Distributed plasticity approach for the nonlinear structural assessment of offshore wind turbine. International Journal of Naval Architecture and Ocean Engineering, 2020, 12, 743-754. | 1.0 | 17 |
| 3 | Seismic Vulnerability of Cabinet Facility with Tuned Mass Dampers Subjected to High- and Low-Frequency Earthquakes. Applied Sciences (Switzerland), 2020, 10, 4850. | 1.3 | 16 |
| 4 | Modified Numerical Modeling of Axially Loaded Concrete-Filled Steel Circular-Tube Columns. Engineering, Technology & Applied Science Research, 2021, 11, 7094-7099. | 0.8 | 15 |
| 5 | Seismic incidence on base-isolated nuclear power plants considering uni- and bi-directional ground motions. Journal of Structural Integrity and Maintenance, 2018, 3, 86-94. | 0.7 | 14 |
| 6 | Uncertainty quantification for nonlinear seismic analysis of cabinet facility in nuclear power plants. Nuclear Engineering and Design, 2019, 355, 110309. | 0.8 | 13 |
| 7 | Development of a 3-legged jacket substructure for installation in the southwest offshore wind farm in South Korea. Ocean Engineering, 2022, 246, 110643. | 1.9 | 13 |
| 8 | Grouping effect on the seismic response of cabinet facility considering primary-secondary structure interaction. Nuclear Engineering and Technology, 2020, 52, 1318-1326. | 1.1 | 12 |
| 9 | Probabilistic Models for Uncertainty Quantification of Soil Properties on Site Response Analysis. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2020, 6, . | 1.1 | 10 |
| 10 | Seismic capacity evaluation of NPP electrical cabinet facility considering grouping effects. Journal of Nuclear Science and Technology, 2020, 57, 800-812. | 0.7 | 10 |
| 11 | Effect of probabilistic variation in soil properties and profile of site response. Soils and Foundations, 2018, 58, 1339-1349. | 1.3 | 9 |
| 12 | Simplified Approach for Seismic Risk Assessment of Cabinet Facility in Nuclear Power Plants Based on Cumulative Absolute Velocity. Nuclear Technology, 2020, 206, 743-757. | 0.7 | 9 |
| 13 | Nonlinear time-history earthquake analysis for steel frames. Heliyon, 2021, 7, e06832. | 1.4 | 8 |
| 14 | Directional Bending Performance of 4-Leg Jacket Substructure Supporting a 3MW Offshore Wind Turbine. Energies, 2021, 14, 2725. | 1.6 | 6 |
| 15 | Probabilistic Seismic Demand Model and Seismic Fragility Analysis of NPP Equipment Subjected to High- and Low-Frequency Earthquakes. Nuclear Science and Engineering, 2021, 195, 1327-1346. | 0.5 | 5 |
| 16 | Distributed plasticity approach for nonlinear analysis of nuclear power plant equipment: Experimental and numerical studies. Nuclear Engineering and Technology, 2021, 53, 3100-3111. | 1.1 | 3 |
| 17 | Development of jacket substructure systems supporting 3MW offshore wind turbine for deep water sites in South Korea. International Journal of Naval Architecture and Ocean Engineering, 2022, 14, 100451. | 1.0 | 2 |
| 18 | A Proposed Method for Inspecting and Predicting the Seismic Vulnerability of Dam Structures in Korea. Lecture Notes in Civil Engineering, 2020, , 1027-1035. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | VC4OWT: MATLAB Interface for Vibration Control of Offshore Wind Turbine. Lecture Notes in Civil Engineering, 2019, , 530-536. | 0.3 | 0 |
| 20 | Nonlinear Inelastic Analysis for Steel Frames. Lecture Notes in Civil Engineering, 2020, , 311-317. | 0.3 | 0 |