

# Seongkyu Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

180  
citations

1040018

9  
h-index

1058452

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration Control of Nuclear Power Plant Piping System Using Stockbridge Damper under Earthquakes. <i>Science and Technology of Nuclear Installations</i> , 2016, 2016, 1-12.	0.8	31
2	Application of probabilistic neural network to design breakwater armor blocks. <i>Ocean Engineering</i> , 2008, 35, 294-300.	4.3	25
3	Active response control of an offshore structure under wave loads using a modified probabilistic neural network. <i>Journal of Marine Science and Technology</i> , 2009, 14, 240-247.	2.9	18
4	Seismic Vulnerability of Cabinet Facility with Tuned Mass Dampers Subjected to High- and Low-Frequency Earthquakes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4850.	2.5	16
5	Active control strategy of structures based on lattice type probabilistic neural network. <i>Probabilistic Engineering Mechanics</i> , 2008, 23, 45-50.	2.7	15
6	Nonlinear behavior of rail fastening system on slab track at railway bridge ends: FEA and experimental study. <i>Engineering Structures</i> , 2019, 195, 84-95.	5.3	11
7	Vibration control of jacket offshore wind turbine subjected to earthquake excitations by using friction damper. <i>Journal of Structural Integrity and Maintenance</i> , 2019, 4, 1-5.	1.5	11
8	Application of Tuned Mass Damper to Mitigation of the Seismic Responses of Electrical Equipment in Nuclear Power Plants. <i>Energies</i> , 2020, 13, 427.	3.1	11
9	Stability number prediction for breakwater armor blocks using Support Vector Regression. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 225-230.	1.9	9
10	Adaptive multiple tuned mass dampers based on modal parameters for earthquake response reduction in multi-story buildings. <i>Advances in Structural Engineering</i> , 2017, 20, 1375-1389.	2.4	8
11	Modal-Energy-Based Neuro-Controller for Seismic Response Reduction of a Nonlinear Building Structure. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4443.	2.5	8
12	Active Mass Damper for Reducing Wind and Earthquake Vibrations of a Long-Period Bridge. <i>Actuators</i> , 2020, 9, 66.	2.3	6
13	Probabilistic Seismic Demand Model and Seismic Fragility Analysis of NPP Equipment Subjected to High- and Low-Frequency Earthquakes. <i>Nuclear Science and Engineering</i> , 2021, 195, 1327-1346.	1.1	5
14	Earthquake Response Reduction of Building Structures Using Learning-Based Lattice Pattern Active Controller. <i>Journal of Earthquake Engineering</i> , 2012, 16, 317-328.	2.5	4
15	Behavior Analysis of Railway Bridge Deck Ends according to Rail Support Space and Position of Bridge Bearing. <i>Journal of the Korean Society for Railway</i> , 2019, 22, 328-335.	0.1	1
16	An Intelligent Process to Estimate the Nonlinear Behaviors of an Elasto-Plastic Steel Coil Damper Using Artificial Neural Networks. <i>Actuators</i> , 2022, 11, 9.	2.3	1
17	Reply to discussion on "Application of probabilistic neural network to design breakwater armor blocks" by Zekai Åzen, Tarkan Erdik, Yavuz Karsavran. <i>Ocean Engineering</i> , 2008, 35, 1284.	4.3	0