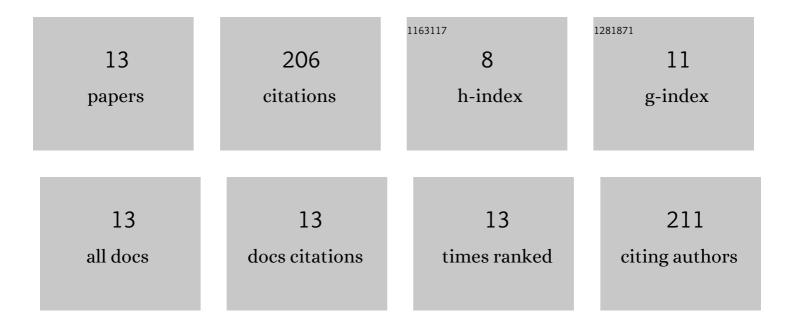
Sinwoo Jeong

List of Publications by Year in descending order

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SINWOO LEONG

#	Article	IF	CITATION
1	Piezoelectric energy harvesting system with magnetic pendulum movement for self-powered safety sensor of trains. Sensors and Actuators A: Physical, 2016, 250, 210-218.	4.1	51
2	Shape optimization of bowtie-shaped auxetic structures using beam theory. Composite Structures, 2019, 224, 111020.	5.8	22
3	A lever-type piezoelectric energy harvester with deformation-guiding mechanism for electric vehicle charging station on smart road. Energy, 2021, 218, 119540.	8.8	22
4	A Bending-Type Piezoelectric Energy Harvester with a Displacement-Amplifying Mechanism for Smart Highways. Journal of the Korean Physical Society, 2018, 73, 330-337.	0.7	21
5	Flexibility modeling of a beam undergoing large deflection using the assumed mode method. International Journal of Mechanical Sciences, 2017, 133, 611-618.	6.7	19
6	Development of a hybrid type smart pen piezoelectric energy harvester for an IoT platform. Energy, 2021, 222, 119845.	8.8	19
7	Electromechanical modeling and power performance analysis of a piezoelectric energy harvester having an attached mass and a segmented piezoelectric layer. Smart Materials and Structures, 2017, 26, 035035.	3.5	18
8	Nonlinear Piezoelectric Energy Harvester with Ball Tip Mass. Sensors and Actuators A: Physical, 2018, 277, 124-133.	4.1	15
9	Generalized classical Ritz method for modeling geometrically nonlinear flexible multibody systems having a general topology. International Journal of Mechanical Sciences, 2020, 181, 105687.	6.7	7
10	Segmented impact-type piezoelectric energy harvester for self-start impedance matching circuit. Smart Materials and Structures, 2018, 27, 114006.	3.5	6
11	Nonlinear structural analysis of a flexible multibody system using the classical Rayleigh–Ritz method. International Journal of Non-Linear Mechanics, 2019, 110, 69-80.	2.6	6
12	Vibration-Based Uniform Curvature Piezoelectric Energy Harvester. , 2021, , 207-210.		0
13	Design Scalability Study of the Γ-Shaped Piezoelectric Harvester Based on Generalized Classical Ritz Method and Optimization. Electronics (Switzerland), 2021, 10, 1887.	3.1	0