

Gyeong Ju Song

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

399
citations

933447

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h-index

1372567

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g-index

11
all docs

11
docs citations

11
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of a speed bump piezoelectric energy harvester for an automatic cellphone charging system. Applied Energy, 2019, 247, 221-227.	10.1	59
2	Watts-level road-compatible piezoelectric energy harvester for a self-powered temperature monitoring system on an actual roadway. Applied Energy, 2019, 243, 313-320.	10.1	58
3	A multifunctional road-compatible piezoelectric energy harvester for autonomous driver-assist LED indicators with a self-monitoring system. Applied Energy, 2019, 242, 294-301.	10.1	56
4	Feasibility study of impact-based piezoelectric road energy harvester for wireless sensor networks in smart highways. Sensors and Actuators A: Physical, 2017, 261, 317-324.	4.1	48
5	Piezoelectric device operating as sensor and harvester to drive switching circuit in LED shoes. Energy, 2019, 177, 87-93.	8.8	47
6	Development of a pavement block piezoelectric energy harvester for self-powered walkway applications. Applied Energy, 2019, 256, 1139-16.	10.1	42
7	Study on increasing output current of piezoelectric energy harvester by fabrication of multilayer thick film. Sensors and Actuators A: Physical, 2018, 269, 524-534.	4.1	29
8	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
9	Development of a hybrid type smart pen piezoelectric energy harvester for an IoT platform. Energy, 2021, 222, 119845.	8.8	19
10	Nonlinear Piezoelectric Energy Harvester with Ball Tip Mass. Sensors and Actuators A: Physical, 2018, 277, 124-133.	4.1	15
11	Development of impact-based piezoelectric road energy harvester for practical application. , 2016, , .		5