

# Wonseop Hwang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10692774/publications.pdf>

Version: 2024-02-01

8  
papers

197  
citations

1307594

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1720034

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8  
docs citations

8  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Watts-level road-compatible piezoelectric energy harvester for a self-powered temperature monitoring system on an actual roadway. <i>Applied Energy</i> , 2019, 243, 313-320.	10.1	58
2	Development of a pavement block piezoelectric energy harvester for self-powered walkway applications. <i>Applied Energy</i> , 2019, 256, 113916.	10.1	42
3	Enhanced energy-generation performance of a landfilled road-capable piezoelectric harvester to scavenge energy from passing vehicles. <i>Energy Conversion and Management</i> , 2020, 215, 112900.	9.2	24
4	A lever-type piezoelectric energy harvester with deformation-guiding mechanism for electric vehicle charging station on smart road. <i>Energy</i> , 2021, 218, 119540.	8.8	22
5	Propeller-based Underwater Piezoelectric Energy Harvesting System for an Autonomous IoT Sensor System. <i>Journal of the Korean Physical Society</i> , 2020, 76, 251-256.	0.7	19
6	Development of a hybrid type smart pen piezoelectric energy harvester for an IoT platform. <i>Energy</i> , 2021, 222, 119845.	8.8	19
7	Uniform stress distribution road piezoelectric generator with free-fixed-end type central strike mechanism. <i>Energy</i> , 2022, 239, 121812.	8.8	13
8	Optimization of the Energy Conversion Efficiency by Bending Deflection Piezoelectric Cantilever Beams. <i>Journal of the Korean Physical Society</i> , 2020, 76, 948-953.	0.7	0