

# Se Yeong Jeong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11449957/publications.pdf>

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15  
papers

363  
citations

840776

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1058476

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docs citations

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times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and optimization of piezoelectric impact-based micro wind energy harvester for wireless sensor network. <i>Sensors and Actuators A: Physical</i> , 2015, 222, 314-321.	4.1	78
2	Performance of a speed bump piezoelectric energy harvester for an automatic cellphone charging system. <i>Applied Energy</i> , 2019, 247, 221-227.	10.1	59
3	Piezoelectric device operating as sensor and harvester to drive switching circuit in LED shoes. <i>Energy</i> , 2019, 177, 87-93.	8.8	47
4	Synthesis and characterization of nanofiber-type hydrophobic organic materials as electrodes for improved performance of PVDF-based piezoelectric nanogenerators. <i>Nano Energy</i> , 2019, 58, 11-22.	16.0	28
5	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
6	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
7	A Bending-Type Piezoelectric Energy Harvester with a Displacement-Amplifying Mechanism for Smart Highways. <i>Journal of the Korean Physical Society</i> , 2018, 73, 330-337.	0.7	21
8	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
9	Design of optimized cantilever form of a piezoelectric energy harvesting system for a wireless remote switch. <i>Sensors and Actuators A: Physical</i> , 2018, 280, 340-349.	4.1	14
10	Sustainable micro-power circuit for piezoelectric energy harvesting tile. <i>Integrated Ferroelectrics</i> , 2017, 183, 193-209.	0.7	13
11	Uniform stress distribution road piezoelectric generator with free-fixed-end type central strike mechanism. <i>Energy</i> , 2022, 239, 121812.	8.8	13
12	Design of a multi-array piezoelectric energy harvester for a wireless switch. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 12696-12703.	7.1	11
13	Wearable Shoe-Mounted Piezoelectric Energy Harvester for a Self-Powered Wireless Communication System. <i>Energies</i> , 2022, 15, 237.	3.1	8
14	Self-Powered Operational Amplifying System with a Bipolar Voltage Generator Using a Piezoelectric Energy Harvester. <i>Electronics (Switzerland)</i> , 2020, 9, 41.	3.1	5
15	Self-Start Piezoelectric Energy Harvesting Circuit With Adjustable UVLO Converter for Wireless Sensor Network. , 2017, , .		1