

# Dong Hyun Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9614505/publications.pdf>

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8  
papers

1,025  
citations

1684188

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times ranked

1643  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Harvesting Circuit for Flexible Thin-Film Piezoelectric Generator Achieving 562% Energy Extraction Improvement With Load Screening. IEEE Transactions on Industrial Electronics, 2021, 68, 12310-12321.	7.9	5
2	Modulation of surface physics and chemistry in triboelectric energy harvesting technologies. Science and Technology of Advanced Materials, 2019, 20, 758-773.	6.1	90
3	Performance improvement of flexible piezoelectric energy harvester for irregular human motion with energy extraction enhancement circuit. Nano Energy, 2019, 58, 211-219.	16.0	88
4	In Vivo Self-Powered Wireless Transmission Using Biocompatible Flexible Energy Harvesters. Advanced Functional Materials, 2017, 27, 1700341.	14.9	160
5	Piezoelectric Sensors: Self-Powered Real-Time Arterial Pulse Monitoring Using Ultrathin Epidermal Piezoelectric Sensors (Adv. Mater. 37/2017). Advanced Materials, 2017, 29, .	21.0	4
6	Self-Powered Real-Time Arterial Pulse Monitoring Using Ultrathin Epidermal Piezoelectric Sensors. Advanced Materials, 2017, 29, 1702308.	21.0	495
7	Self-Powered Wireless Sensor Node Enabled by an Aerosol-Deposited PZT Flexible Energy Harvester. Advanced Energy Materials, 2016, 6, 1600237.	19.5	179
8	Self-Powered Devices: Self-Powered Wireless Sensor Node Enabled by an Aerosol-Deposited PZT Flexible Energy Harvester (Adv. Energy Mater. 13/2016). Advanced Energy Materials, 2016, 6, .	19.5	4