

Dong Hyun Kim

List of Publications by Year in descending order

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

Version: 2024-02-01

8
papers

1,025
citations

1684188

5
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

1643
citing authors

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