

# Lin Dong

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

316  
citations

11  
h-index

17  
g-index

28  
ext. papers

447  
ext. citations

6.7  
avg, IF

3.69  
L-index

#	Paper	IF	Citations
23	Skin-like Elastomer Embedded Zinc Oxide Nanoarrays for Biomechanical Energy Harvesting. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100094	4.6	5
22	Biomechanical Energy Harvester: Skin-like Elastomer Embedded Zinc Oxide Nanoarrays for Biomechanical Energy Harvesting (Adv. Mater. Interfaces 10/2021). <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2170057	4.6	1
21	Method for Inkjet-printing PEDOT:PSS polymer electrode arrays on piezoelectric PVDF-TrFE fibers.. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 26277-26285	4	5
20	Silver nanoparticle on zinc oxide array for label-free detection of opioids through surface-enhanced raman spectroscopy.. <i>RSC Advances</i> , <b>2021</b> , 11, 11329-11337	3.7	5
19	Implantable Cardiac Kirigami-Inspired Lead-Based Energy Harvester Fabricated by Enhanced Piezoelectric Composite Film. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2002100	10.1	7
18	Cardiac energy harvesting and sensing based on piezoelectric and triboelectric designs. <i>Nano Energy</i> , <b>2020</b> , 76, 105076	17.1	36
17	Flexible Energy Harvester on a Pacemaker Lead Using Multibeam Piezoelectric Composite Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 34170-34179	9.5	19
16	Flexible Piezoelectric Nanogenerators Using Metal-doped ZnO-PVDF Films. <i>Sensors and Actuators A: Physical</i> , <b>2020</b> , 305, 111912-111912	3.9	50
15	Tunable, Flexible, and Resilient Robots Driven by an Electrostatic Actuator. <i>Advanced Intelligent Systems</i> , <b>2020</b> , 2, 1900162	6	11
14	Multifunctional Pacemaker Lead for Cardiac Energy Harvesting and Pressure Sensing. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e2000053	10.1	13
13	Tunable bistability of a clamped elastic beam. <i>Extreme Mechanics Letters</i> , <b>2020</b> , 34, 100603	3.9	8
12	Energy Harvesting: Flexible Porous Piezoelectric Cantilever on a Pacemaker Lead for Compact Energy Harvesting (Adv. Mater. Technol. 1/2019). <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1970002	6.8	5
11	Vibration-Energy-Harvesting System: Transduction Mechanisms, Frequency Tuning Techniques, and Biomechanical Applications. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1900177	6.8	22
10	In vivo cardiac power generation enabled by an integrated helical piezoelectric pacemaker lead. <i>Nano Energy</i> , <b>2019</b> , 66, 104085	17.1	27
9	Flexible Porous Piezoelectric Cantilever on a Pacemaker Lead for Compact Energy Harvesting. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1800148	6.8	20
8	Voltage-actuated snap-through in bistable piezoelectric thin films: a computational study. <i>Smart Materials and Structures</i> , <b>2019</b> , 28, 085021	3.4	2
7	Piezoelectric Buckled Beam Array on a Pacemaker Lead for Energy Harvesting. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1800335	6.8	17

6	Tunable Buckled Beams with Mesoporous PVDF-TrFE/SWCNT Composite Film for Energy Harvesting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 33516-33522	9.5	12
5	Resonant frequency tuning of electroactive polymer membranes via an applied bias voltage. <i>Smart Materials and Structures</i> , <b>2018</b> , 27, 114005	3.4	9
4	Application of mechanical stretch to tune the resonance frequency of hyperelastic membrane-based energy harvesters. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 252, 165-173	3.9	8
3	Application of bias voltage to tune the resonant frequency of membrane-based electroactive polymer energy harvesters <b>2016</b> ,		1
2	Two-dimensional resonance frequency tuning approach for vibration-based energy harvesting. <i>Smart Materials and Structures</i> , <b>2016</b> , 25, 065019	3.4	21
1	Resonant frequency of mass-loaded membranes for vibration energy harvesting applications. <i>AIMS Energy</i> , <b>2015</b> , 3, 344-359	1.8	10