

Lin Dong

List of Publications by Citations

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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	Flexible Piezoelectric Nanogenerators Using Metal-doped ZnO-PVDF Films. <i>Sensors and Actuators A: Physical</i> , 2020 , 305, 111912-111912	3.9	50
22	Cardiac energy harvesting and sensing based on piezoelectric and triboelectric designs. <i>Nano Energy</i> , 2020 , 76, 105076	17.1	36
21	In vivo cardiac power generation enabled by an integrated helical piezoelectric pacemaker lead. <i>Nano Energy</i> , 2019 , 66, 104085	17.1	27
20	Vibration-Energy-Harvesting System: Transduction Mechanisms, Frequency Tuning Techniques, and Biomechanical Applications. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900177	6.8	22
19	Two-dimensional resonance frequency tuning approach for vibration-based energy harvesting. <i>Smart Materials and Structures</i> , 2016 , 25, 065019	3.4	21
18	Flexible Porous Piezoelectric Cantilever on a Pacemaker Lead for Compact Energy Harvesting. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800148	6.8	20
17	Flexible Energy Harvester on a Pacemaker Lead Using Multibeam Piezoelectric Composite Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34170-34179	9.5	19
16	Piezoelectric Buckled Beam Array on a Pacemaker Lead for Energy Harvesting. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800335	6.8	17
15	Multifunctional Pacemaker Lead for Cardiac Energy Harvesting and Pressure Sensing. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000053	10.1	13
14	Tunable Buckled Beams with Mesoporous PVDF-TrFE/SWCNT Composite Film for Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33516-33522	9.5	12
13	Tunable, Flexible, and Resilient Robots Driven by an Electrostatic Actuator. <i>Advanced Intelligent Systems</i> , 2020 , 2, 1900162	6	11
12	Resonant frequency of mass-loaded membranes for vibration energy harvesting applications. <i>AIMS Energy</i> , 2015 , 3, 344-359	1.8	10
11	Resonant frequency tuning of electroactive polymer membranes via an applied bias voltage. <i>Smart Materials and Structures</i> , 2018 , 27, 114005	3.4	9
10	Tunable bistability of a clamped elastic beam. <i>Extreme Mechanics Letters</i> , 2020 , 34, 100603	3.9	8
9	Application of mechanical stretch to tune the resonance frequency of hyperelastic membrane-based energy harvesters. <i>Sensors and Actuators A: Physical</i> , 2016 , 252, 165-173	3.9	8
8	Implantable Cardiac Kirigami-Inspired Lead-Based Energy Harvester Fabricated by Enhanced Piezoelectric Composite Film. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2002100	10.1	7
7	Energy Harvesting: Flexible Porous Piezoelectric Cantilever on a Pacemaker Lead for Compact Energy Harvesting (Adv. Mater. Technol. 1/2019). <i>Advanced Materials Technologies</i> , 2019 , 4, 1970002	6.8	5

6	Skin-like Elastomer Embedded Zinc Oxide Nanoarrays for Biomechanical Energy Harvesting. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100094	4.6	5
5	Method for Inkjet-printing PEDOT:PSS polymer electrode arrays on piezoelectric PVDF-TrFE fibers.. <i>IEEE Sensors Journal</i> , 2021 , 21, 26277-26285	4	5
4	Silver nanoparticle on zinc oxide array for label-free detection of opioids through surface-enhanced raman spectroscopy.. <i>RSC Advances</i> , 2021 , 11, 11329-11337	3.7	5
3	Voltage-actuated snap-through in bistable piezoelectric thin films: a computational study. <i>Smart Materials and Structures</i> , 2019 , 28, 085021	3.4	2
2	Biomechanical Energy Harvester: Skin-like Elastomer Embedded Zinc Oxide Nanoarrays for Biomechanical Energy Harvesting (Adv. Mater. Interfaces 10/2021). <i>Advanced Materials Interfaces</i> , 2021 , 8, 2170057	4.6	1
1	Application of bias voltage to tune the resonant frequency of membrane-based electroactive polymer energy harvesters 2016 ,		1