

Dongjie Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,187
citations

304743

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docs citations

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times ranked

1956
citing authors

#	ARTICLE	IF	CITATIONS
1	A bionic stretchable nanogenerator for underwater sensing and energy harvesting. <i>Nature Communications</i> , 2019, 10, 2695.	12.8	413
2	Emerging Implantable Energy Harvesters and Self-Powered Implantable Medical Electronics. <i>ACS Nano</i> , 2020, 14, 6436-6448.	14.6	223
3	Transcatheter Self-Powered Ultrasensitive Endocardial Pressure Sensor. <i>Advanced Functional Materials</i> , 2019, 29, 1807560.	14.9	181
4	Body-Integrated Self-Powered System for Wearable and Implantable Applications. <i>ACS Nano</i> , 2019, 13, 6017-6024.	14.6	142
5	Self-powered implantable electrical stimulator for osteoblasts' proliferation and differentiation. <i>Nano Energy</i> , 2019, 59, 705-714.	16.0	126
6	Triboelectric nanogenerator based on degradable materials. <i>EcoMat</i> , 2021, 3, e12072.	11.9	108
7	Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors. <i>Small</i> , 2020, 16, e1904758.	10.0	107
8	Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2019, 29, 1808640.	14.9	92
9	A Bioresorbable Dynamic Pressure Sensor for Cardiovascular Postoperative Care. <i>Advanced Materials</i> , 2021, 33, e2102302.	21.0	85
10	Human Motion Driven Self-Powered Photodynamic System for Long-Term Autonomous Cancer Therapy. <i>ACS Nano</i> , 2020, 14, 8074-8083.	14.6	77
11	A wearable noncontact free-rotating hybrid nanogenerator for self-powered electronics. <i>Informa Materials</i> , 2020, 2, 1191-1200.	17.3	71
12	A Battery-Like Self-Charge Universal Module for Motional Energy Harvest. <i>Advanced Energy Materials</i> , 2019, 9, 1901875.	19.5	68
13	A 25-year bibliometric study of implantable energy harvesters and self-powered implantable medical electronics researches. <i>Materials Today Energy</i> , 2020, 16, 100386.	4.7	58
14	Self-Powered Controllable Transdermal Drug Delivery System. <i>Advanced Functional Materials</i> , 2021, 31, 2104092.	14.9	52
15	Self-powered pulsed direct current stimulation system for enhancing osteogenesis in MC3T3-E1. <i>Nano Energy</i> , 2021, 85, 106009.	16.0	50
16	Nestable arched triboelectric nanogenerator for large deflection biomechanical sensing and energy harvesting. <i>Nano Energy</i> , 2020, 69, 104417.	16.0	47
17	Flexible and stretchable dual mode nanogenerator for rehabilitation monitoring and information interaction. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3647-3654.	5.8	47
18	A flexible self-arched biosensor based on combination of piezoelectric and triboelectric effects. <i>Applied Materials Today</i> , 2020, 20, 100699.	4.3	45

#	ARTICLE	IF	CITATIONS
19	A Hybrid Biofuel and Triboelectric Nanogenerator for Bioenergy Harvesting. Nano-Micro Letters, 2020, 12, 50.	27.0	41
20	A Stretchable, Self-Healable Triboelectric Nanogenerator as Electronic Skin for Energy Harvesting and Tactile Sensing. Materials, 2021, 14, 1689.	2.9	38
21	Self-powered technology for next-generation biosensor. Science Bulletin, 2021, 66, 1709-1712.	9.0	32
22	An Artificial Intelligence-Enhanced Blood Pressure Monitor Wristband Based on Piezoelectric Nanogenerator. Biosensors, 2022, 12, 234.	4.7	29
23	Cancer Therapy: Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator (Adv. Funct. Mater. 41/2019). Advanced Functional Materials, 2019, 29, 1970285.	14.9	17
24	A Light-Powered Triboelectric Nanogenerator Based on the Photothermal Marangoni Effect. ACS Applied Materials & Interfaces, 2022, 14, 22206-22215.	8.0	8
25	A Self-Powered Optogenetic System for Implantable Blood Glucose Control. Research, 2022, 2022, .	5.7	7
26	Self-Powered Intelligent Voice Navigation Tactile Pavement Based on High-Output Hybrid Nanogenerator. Advanced Materials Technologies, 2022, 7, .	5.8	7
27	Self-Powered Electrical Impulse Chemotherapy for Oral Squamous Cell Carcinoma. Materials, 2022, 15, 2060.	2.9	6
28	Endocardial Pressure Sensors: Transcatheter Self-Powered Ultrasensitive Endocardial Pressure Sensor (Adv. Funct. Mater. 3/2019). Advanced Functional Materials, 2019, 29, 1970017.	14.9	5
29	Stretchable Sensors: Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors (Small 7/2020). Small, 2020, 16, 2070037.	10.0	4