

# Xinyu Du

## List of Publications by Year in descending order

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16  
papers

1,076  
citations

700390

12  
h-index

895490

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1710  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Electronic Cloth for Facilitating the Rehabilitation of Human Joints. ACS Applied Materials & Interfaces, 2019, 11, 22722-22729.	8.3	9
2	Efficient Charging of Lithium-Sulfur Batteries by Triboelectric Nanogenerator Based on Pulse Current. Advanced Materials Technologies, 2019, 4, 1800326.	6.2	9
3	Triboelectric Nanogenerator-Enabled Dendrite-Free Lithium Metal Batteries. ACS Applied Materials & Interfaces, 2019, 11, 802-810.	8.3	13
4	A Flexible, Lightweight, and Wearable Triboelectric Nanogenerator for Energy Harvesting and Self-Powered Sensing. Advanced Materials Technologies, 2019, 4, 1800216.	6.2	35
5	Hybridized Nanogenerators for Harvesting Vibrational Energy by Triboelectric-Piezoelectric-Electromagnetic Effects. Advanced Materials Technologies, 2018, 3, 1800019.	6.2	37
6	Lithium-Ion Batteries: Charged by Triboelectric Nanogenerators with Pulsed Output Based on the Enhanced Cycling Stability. ACS Applied Materials & Interfaces, 2018, 10, 8676-8684.	8.3	19
7	Triboelectric-Based Transparent Secret Code. Advanced Science, 2018, 5, 1700881.	12.4	27
8	Self-powered nanofiber-based screen-print triboelectric sensors for respiratory monitoring. Nano Research, 2018, 11, 3771-3779.	10.6	122
9	A Compound Yarn Based Wearable Triboelectric Nanogenerator for Self-Powered Wearable Electronics. Advanced Materials Technologies, 2018, 3, 1800065.	6.2	42
10	Ultra-robust triboelectric nanogenerator for harvesting rotary mechanical energy. Nano Research, 2018, 11, 2862-2871.	10.6	47
11	Polymer nanocomposite-enabled high-performance triboelectric nanogenerator with self-healing capability. RSC Advances, 2018, 8, 30661-30668.	3.7	28
12	Poly(vinylidene fluoride-hexafluoropropylene) based blend film for ultrahigh energy density capacitor applications. Journal Physics D: Applied Physics, 2018, 51, 255306.	2.9	13
13	Screen-Printed Washable Electronic Textiles as Self-Powered Touch/Gesture Tribo-Sensors for Intelligent Human-Machine Interaction. ACS Nano, 2018, 12, 5190-5196.	15.3	405
14	Improved Triboelectric Nanogenerator Output Performance through Polymer Nanocomposites Filled with Core-shell-Structured Particles. ACS Applied Materials & Interfaces, 2018, 10, 25683-25688.	8.3	53
15	All-Nanofiber-Based Ultralight Stretchable Triboelectric Nanogenerator for Self-Powered Wearable Electronics. ACS Applied Energy Materials, 2018, 1, 2326-2332.	5.3	47
16	Self-Powered Electrospinning System Driven by a Triboelectric Nanogenerator. ACS Nano, 2017, 11, 10439-10445.	15.3	170