

# Zuqing Yuan

## List of PR Articles by Year in descending order

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23

PR articles

2,456

PR citations

262009

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581522

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2621

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299426

22

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2826

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Biologically Inspired Stretchable, Multifunctional, and 3D Electronic Skin by Strain Visualization and Triboelectric Pressure Sensing. <i>Small Science</i> , 2022, 2, .	7.8	50
2	Bimodal Tactile Sensor without Signal Fusion for User-Interactive Applications. <i>ACS Nano</i> , 2022, 16, 2789-2797.	15.3	133
3	Flexible and Stretchable Strategies for Electronic Skins: Materials, Structure, and Integration. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1-26.	4.6	44
4	Tunable and Nacre-Inspired Multifunctional Electronic Skins for Highly Stretchable Contact-Noncontact Sensing. <i>Small</i> , 2021, 17, .	11.6	106
5	Spherical Triboelectric Nanogenerator with Dense Point Contacts for Harvesting Multidirectional Water Wave and Vibration Energy. <i>ACS Energy Letters</i> , 2021, 6, 2809-2816.	17.0	105
6	Bioinspired Multifunctional Photonic-Electronic Smart Skin for Ultrasensitive Health Monitoring, for Visual and Self-Powered Sensing. <i>Advanced Materials</i> , 2021, 33, .	24.5	209
7	Reversible Conversion between Schottky and Ohmic Contacts for Highly Sensitive, Multifunctional Biosensors. <i>Advanced Functional Materials</i> , 2020, 30, .	17.0	76
8	Ultra-stretchable triboelectric nanogenerator as high-sensitive and self-powered electronic skins for energy harvesting and tactile sensing. <i>Nano Energy</i> , 2020, 70, 104546.	16.3	242
9	Motion recognition by a liquid filled tubular triboelectric nanogenerator. <i>Nanoscale</i> , 2019, 11, 495-503.	5.0	28
10	Achieving high-resolution pressure mapping via flexible GaN/ ZnO nanowire LEDs array by piezo-phototronic effect. <i>Nano Energy</i> , 2019, 58, 633-640.	16.3	138
11	Triboelectric Nanogenerator-Enabled Dendrite-Free Lithium Metal Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 802-810.	8.0	21
12	Hybridized Nanogenerators for Harvesting Vibrational Energy by Triboelectric-Piezoelectric-Electromagnetic Effects. <i>Advanced Materials Technologies</i> , 2018, 3, .	5.9	39
13	Triboelectric-Based Transparent Secret Code. <i>Advanced Science</i> , 2018, 5, .	12.7	28
14	Self-powered nanofiber-based screen-print triboelectric sensors for respiratory monitoring. <i>Nano Research</i> , 2018, 11, 3771-3779.	8.6	134
15	Ultra-robust triboelectric nanogenerator for harvesting rotary mechanical energy. <i>Nano Research</i> , 2018, 11, 2862-2871.	8.6	56
16	A Breathable and Screen-Printed Pressure Sensor Based on Nanofiber Membranes for Electronic Skins. <i>Advanced Materials Technologies</i> , 2018, 3, .	5.9	207
17	Polymer nanocomposite-enabled high-performance triboelectric nanogenerator with self-healing capability. <i>RSC Advances</i> , 2018, 8, 30661-30668.	4.4	35
18	Screen-Printed Washable Electronic Textiles as Self-Powered Touch/Gesture Tribo-Sensors for Intelligent Human-Machine Interaction. <i>ACS Nano</i> , 2018, 12, 5190-5196.	15.3	464

#	ARTICLE	IF	PR CITATIONS
19	Improved Triboelectric Nanogenerator Output Performance through Polymer Nanocomposites Filled with Core-shell-Structured Particles. ACS Applied Materials & Interfaces, 2018, 10, 25683-25688.	8.0	65
20	All-Nanofiber-Based Ultralight Stretchable Triboelectric Nanogenerator for Self-Powered Wearable Electronics. ACS Applied Energy Materials, 2018, 1, 2326-2332.	5.4	61
21	Transparent and Flexible Triboelectric Sensing Array for Touch Security Applications. ACS Nano, 2017, 11, 8364-8369.	15.3	106
22	Self-Powered Electrospinning System Driven by a Triboelectric Nanogenerator. ACS Nano, 2017, 11, 10439-10445.	15.3	186
23	Rotating-Sleeve Triboelectric Electromagnetic Hybrid Nanogenerator for High Efficiency of Harvesting Mechanical Energy. ACS Nano, 2017, 11, 8370-8378.	15.3	143