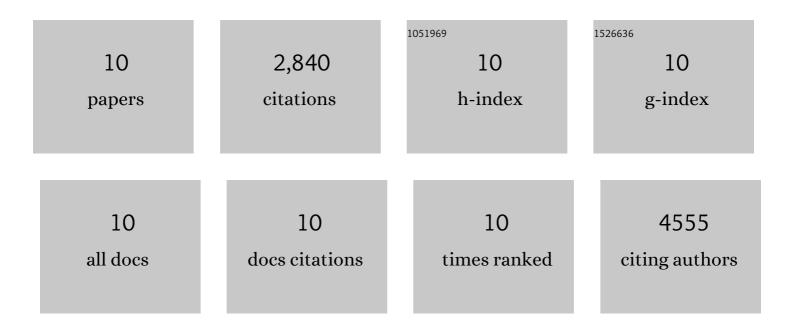
## Feng Ru Fan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12084428/publications.pdf Version: 2024-02-01



FENC RU FAN

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Design and engineering of <scp>highâ€performance</scp> triboelectric nanogenerator for ubiquitous<br>unattended devices. EcoMat, 2021, 3, e12093.  | 6.8  | 39        |
| 2  | Droplet-based nanogenerators for energy harvesting and self-powered sensing. Nanoscale, 2021, 13, 17290-17309.   | 2.8  | 18        |
| 3  | Flexible and durable wood-based triboelectric nanogenerators for self-powered sensing in athletic big data analytics. Nature Communications, 2019, 10, 5147.                                       | 5.8  | 335       |
| 4  | Directâ€Current Triboelectric Nanogenerator Realized by Air Breakdown Induced Ionized Air Channel.<br>Advanced Energy Materials, 2018, 8, 1800889.   | 10.2 | 111       |
| 5  | Flexible Nanogenerators for Energy Harvesting and Selfâ€Powered Electronics. Advanced Materials, 2016, 28, 4283-4305.  | 11.1 | 1,438     |
| 6  | Transparent and Flexible Self-Charging Power Film and Its Application in a Sliding Unlock System in Touchpad Technology. ACS Nano, 2016, 10, 8078-8086.  | 7.3  | 93        |
| 7  | Liquidâ€Metal Electrode for Highâ€Performance Triboelectric Nanogenerator at an Instantaneous Energy<br>Conversion Efficiency of 70.6%. Advanced Functional Materials, 2015, 25, 3718-3725.        | 7.8  | 427       |
| 8  | Integration of micro-supercapacitors with triboelectric nanogenerators for a flexible self-charging power unit. Nano Research, 2015, 8, 3934-3943.   | 5.8  | 164       |
| 9  | Ultrasensitive self-powered pressure sensing system. Extreme Mechanics Letters, 2015, 2, 28-36.  | 2.0  | 78        |
| 10 | Highly transparent and flexible triboelectric nanogenerators: performance improvements and function function function functions functions. Journal of Materials Chemistry A, 2014, 2, 13219-13225. | 5.2  | 137       |