Feng Ru Fan

List of Publications by Year
in descending order

10 papers	2,840 citations	1051969 10 h-index	1526636 10 g-index
10 all docs	10 docs citations	10 times ranked	4555 citing authors

#	Article	IF	Citations
1	Design and engineering of <scp>highâ€performance</scp> triboelectric nanogenerator for ubiquitous 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. 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 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 fundamental mechanisms. Journal of Materials Chemistry A, 2014, 2, 13219-13225.	5.2	137