Yufang Li

List of Publications by Year in descending order

22 papers	11,488 citations	361413 20 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	6454 citing authors

#	Article	IF	Citations
1	Magnesium Anodes with Extended Cycling Stability for Lithiumâ€Ion Batteries. Advanced Functional Materials, 2019, 29, 1806400.	14.9	12
2	Hybridized Nanogenerators for Harvesting Vibrational Energy by Triboelectricâ€“Piezoelectricâ€“Electromagnetic Effects. Advanced Materials Technologies, 2018, 3, 1800019.	5.8	35
3	Multishelled Si@Cu Microparticles Supported on 3D Cu Current Collectors for Stable and Binder-free Anodes of Lithium-Ion Batteries. ACS Nano, 2018, 12, 3587-3599.	14.6	74
4	Natural Leaf Made Triboelectric Nanogenerator for Harvesting Environmental Mechanical Energy. Advanced Energy Materials, 2018, 8, 1703133.	19.5	230
5	Flexible Timboâ€Like Triboelectric Nanogenerator as Selfâ€Powered Force and Bend Sensor for Wireless and Distributed Landslide Monitoring. Advanced Materials Technologies, 2018, 3, 1800144.	5.8	50
6	Reviving Vibration Energy Harvesting and Self-Powered Sensing by a Triboelectric Nanogenerator. Joule, 2017, 1, 480-521.	24.0	748
7	Theoretical study on the top- and enclosed-contacted single-layer MoS2 piezotronic transistors. Applied Physics Letters, 2016, 108, 181603.	3.3	11
8	All-Elastomer-Based Triboelectric Nanogenerator as a Keyboard Cover To Harvest Typing Energy. ACS Nano, 2016, 10, 7973-7981.	14.6	96
9	Triboelectric Nanogenerator: Single-Electrode Mode. Green Energy and Technology, 2016, , 91-107.	0.6	21
10	Efficient Charging of Liâ€Ion Batteries with Pulsed Output Current of Triboelectric Nanogenerators. Advanced Science, 2016, 3, 1500255.	11.2	122
11	Transparent and flexible barcode based on sliding electrification for self-powered identification systems. Nano Energy, 2015, 12, 278-286.	16.0	34
12	Progress in triboelectric nanogenerators as a new energy technology and self-powered sensors. Energy and Environmental Science, 2015, 8, 2250-2282.	30.8	1,723
13	Single-electrode-based rotationary triboelectric nanogenerator and its applications as self-powered contact area and eccentric angle sensors. Nano Energy, 2015, 11, 323-332.	16.0	91
14	Maximum Surface Charge Density for Triboelectric Nanogenerators Achieved by Ionizedâ€Air Injection: Methodology and Theoretical Understanding. Advanced Materials, 2014, 26, 6720-6728.	21.0	517
15	A theoretical study of grating structured triboelectric nanogenerators. Energy and Environmental Science, 2014, 7, 2339-2349.	30.8	194
16	Case-Encapsulated Triboelectric Nanogenerator for Harvesting Energy from Reciprocating Sliding Motion. ACS Nano, 2014, 8, 3836-3842.	14.6	137
17	Dipole-moment-induced effect on contact electrification for triboelectric nanogenerators. Nano Research, 2014, 7, 990-997.	10.4	180
18	Cylindrical Rotating Triboelectric Nanogenerator. ACS Nano, 2013, 7, 6361-6366.	14.6	249

#	Article	IF	Citations
19	Toward Large-Scale Energy Harvesting by a Nanoparticle-Enhanced Triboelectric Nanogenerator. Nano Letters, 2013, 13, 847-853.	9.1	979
20	A Selfâ€Powered Triboelectric Nanosensor for Mercury Ion Detection. Angewandte Chemie - International Edition, 2013, 52, 5065-5069.	13.8	323
21	Nanoscale Triboelectric-Effect-Enabled Energy Conversion for Sustainably Powering Portable Electronics. Nano Letters, 2012, 12, 6339-6346.	9.1	1,062
22	Flexible triboelectric generator. Nano Energy, 2012, 1, 328-334.	16.0	4,578